

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079039

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Deast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #: Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes No</pre> No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For	RECOF	RD - Bridge P Each Interval	Plugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	ξ.	Producing N	/lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITI	ON OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Solo		Jsed on Lease		Open Hole	Perf.	Uually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACO	-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Wildcat Oil & Gas LLC
Well Name	Crane B 3
Doc ID	1079039

Tops

Name	Тор	Datum
Heebner Sh.	3015	-1595
latan LS	3385	-1965
Stark Sh.	3671	-2251
Cherokee Sh.	3946	-2526
Mississippi	4096	-2676
Kinderhook Sh.	4380	-2960
Chattanooga Sh.	4472	-3052
Viola	NA	NA



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Wildcat Oil & Gas P O Box 40 Spivey, KS 67142



Invoice Number: 130057 Invoice Date: Jan 25, 2012 Page: 1

Federal Tax I.D.#: 20-8651475

RECEIVED FEB 0 6 2012

Customer ID	Well Name/# or Customer P.O.	Payment	Payment Terms	
Wild	Crane B #3	Net 30 Days		
Job Location	Camp Location	Service Date Due Da		
KS2-01	Medicine Lodge	Jan 25, 2012	2/24/12	

Quantity	Item		Description	Unit Price	Amount
111.00	MAT	Class A	Common	16.25	1,803.75
74.00	MAT	Pozmix		8.50	629.00
00100100100	1000 000 000 000 000	Gel		21.25	63.75
6.00	MAT	Chloride	e	58.20	349.20
		Handlin	g	2.25	436.50
30.00		Mileage	e 194 sx @.11 per sk per mi	21.34	640.20
1.00	SER	Surface	9	1,125.00	1,125.00
60.00	SER	Pump T	Fruck Mileage	7.00	420.00
60.00	SER	Light Ve	ehicle Mileage	4.00	240.00
1.00	CEMENTER	Darin F	ranklin		
1.00	EQUIP OPER	Ron Gil	ley		
1.00	OPER ASSIST	Derek C	Gibbons		
ALL PRICES AR	RE NET, PAYABLE	E	Subtotal		5,707.40
30 DAYS FOLL	OWING DATE OF		Sales Tax		179.28
	/2% CHARGED		Total Invoice Amount		5,886.68
	IF ACCOUNT IS KE DISCOUNT OF		Payment/Credit Applied		
\$ //U/	US		TOTAL		5,886.68

ONLY IF PAID ON OR BEFORE Feb 19, 2012

ALLIED CEMENTING CO., LLC. 037929 Federal Tax I.D.# 20-5975804

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Federal Tax I.D	.# 20-3973604
REMIT TO P.O. BOX 31	SERVICE POINT:
RUSSELL, KANSAS 67665	Medicino Lodse Ks
	1-24 1-25 1-25 1-25
	LLED OUT ON LOCATION JOB START JOB FINISH 11:00,00, 1:30,00 6:00,00 6:30,00
LEASE Crone B WELL # 3 LOCATION RESO	SESSA, 3 South Kinston 25
OLD OR NEW (Circle one) 1 ess , Yy so	ith Elinto
CONTRACTOR HERE'S #1	OWNER Wildest Oil & Bas
TYPE OF JOB Surface	
HOLE SIZE 12 14 T.D. 222	CEMENT
CASING SIZE 8-Yr DEPTH 222'	AMOUNT ORDERED 1855-60:40:2010 60
TUBING SIZE DEPTH	3%00
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>CI955 A 11158 @ 16.25 1803.75</u>
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 201	POZMIX 7454 @ 8,50 629,00
PERFS.	GEL <u>35x</u> @ 21,25 63,75
DISPLACEMENT 12-3/4 bbis frosh water	CHLORIDE 63× @ 58.20 349.20
	ASC@
EQUIPMEN'I'	@ @
	@ @
PUMPTRUCK CEMENTER Desin F.	@
#471-245 HELPER Rong	@
BULK TRUCK	@
# 421 - 252 DRIVER Dorick G. BULK TRUCK	@
	@
# DRIVER	HANDLING 19454 @ 225 436,50
	MILEAGE 1941,11/30 640,20
REMARKS:	TOTAL 3922, 40
PIDEON bestom & bresk CIKUStion	
PUMD 3 bbis Frech weren Cheed	SERVICE
	JENTICE
MIX 1855 Cement, LISPISH 123/4bbx	
Mix 1855 Cement, displace 1234 bhs Frash Water, Shud in comment die	DEPTH OF JOB 222'
Mix 1855+ Cement Juspise 1234bbs Fresh Water, Shud in coment dit Circulste	DEPTH OF JOB 222' PUMP TRUCK CHARGE 1125.00
Fresh WGier, Shut In Coment dit	PUMP TRUCK CHARGE //25.00
Fresh WGier, Shut In Coment dit	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@
Fresh WGier, Shut In Coment dit	PUMP TRUCK CHARGE 1125.00 EXTRA FOOTAGE @ MILEAGE 60 @ MANIFOLD \$\$4 Swelse @
Frash WGier, Shut In Coment dit	PUMP TRUCK CHARGE 1125.00 EXTRA FOOTAGE @ MILEAGE 60 @ 7.00 420.00
Errowisk	PUMP TRUCK CHARGE 1125.00 EXTRA FOOTAGE @ MILEAGE 60 @ MANIFOLD \$ \$4 Swelse @
Frash WGier, Shut In Coment dit	PUMP TRUCK CHARGE $1/2S.00$ EXTRA FOOTAGE@MILEAGE 60 @MILEAGE 60 @MANIFOLD $S^{6/4} S \omega \sigma_{450}$ @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @
Errowisk	PUMP TRUCK CHARGE $1/25.00$ EXTRA FOOTAGE@MILEAGE60MILEAGE60MANIFOLD $S^{6/4}$. Swolgo L_1 Sht use high to the high
CHARGE TO: $W, d cert O.7 d Cos$	PUMP TRUCK CHARGE $1/2S.00$ EXTRA FOOTAGE@MILEAGE 60 @MILEAGE 60 @MANIFOLD $S^{6/4} S \omega \sigma_{450}$ @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @
CHARGE TO: W, 12CG+ 0.7 2 G95	PUMP TRUCK CHARGE $1/2S.00$ EXTRA FOOTAGE@MILEAGE 60 @MILEAGE 60 @MANIFOLD $S^{6/4} S \omega \sigma_{450}$ @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @ 420.00 @
CHARGE TO: $W, d cert O.7 d Cos$	PUMP TRUCK CHARGE $1/2S.00$ EXTRA FOOTAGE@MILEAGE60MANIFOLD $\frac{5}{4}$ Swolge@ $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge 544 web. Clar 60 60 700 70
CHARGE TO: $W, d cert O.7 d Cos$	PUMP TRUCK CHARGE $1/2S.00$ EXTRA FOOTAGE@MILEAGE60MANIFOLD $\frac{5}{4}$ Swolge@ $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge $420, \infty$ MANIFOLD $\frac{5}{4}$ Swolge 544 web. Clar 60 60 700 70
CHARGE TO: $W, d cert O.7 d Cos$	PUMP TRUCK CHARGE
CHARGE TO: DO, 12CGA O. 7 2 G95 STREET	PUMP TRUCK CHARGE
CHARGE TO: D, LC. CITY	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 7.00 420.00 MANIFOLD & \$4 Stores @
Eresh Water, Shut In Jernent dit Charge to: Willer STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PUMP TRUCK CHARGE
CHARGE TO: D, LC. CITY	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 7.00 420.00 MANIFOLD & \$4 Stores @
Eresh Water, Shut In Jernent dit Charge to: Willed Cementing Co., LLC. CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 7.00 420.00 MANIFOLD & \$4 Stores @
Eresh Water, Shut In Jernent dit Charge to: Willed Cementing Co., LLC. CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 ?.00 420.00 MANIFOLD \$\$4 Swelse @
Eresh Water, Shut In Jernent dit Charge to: W, 1 & Cernent dit STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	PUMP TRUCK CHARGE $1/2S. oo$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, oo MANIFOLD § 4 Swolge @ 246, oo A: Sht veh.'cle 60 40, oo 246, oo PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
EYesh Water, Shut In Scenent dit Charge to: Willer STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 ?.00 420.00 MANIFOLD \$\$4 Swelse @
Eresh Weiter, Shut In Scenent dit Charge to: W, 12Cet O.7 2 Gos STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE $1/2S. oo$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, oo MANIFOLD § \$4 Swelse @ 246, oo A' Sht vet.'cle 60 4.00 246, oo PLUG & FLOAT EQUIPMENT @ PLUG & FLOAT EQUIPMENT @ @ WON @ WON @ TOTAL Image: Solution of the second
Eresh Water, Shut In Jernent dit Charge to: Willed Cementing Co., LLC. CITY STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	PUMP TRUCK CHARGE //25.00 EXTRA FOOTAGE @ MILEAGE 60 ?.00 420.00 MANIFOLD \$\$4 Swolgo @
EYESA WGVEr, Shud In Scenent dit CHARGE TO: WILLER CITY STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME Kath C Alle Mark	PUMP TRUCK CHARGE $1/2S. \infty$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, ∞ MANIFOLD & & S& Swedge @
Eresh Weiter, Shut In Scenent dit Charge to: W, 12Cet O.7 2 Gos STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE $1/2S. \infty$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, ∞ MANIFOLD & & S& Swedge @
EYESA WG'ER, Shud In, Scenent dit CHARGE TO: WILCHARGE TO: WILCHARGE TO: WILCHARGE TO: STREET CITY STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME Will Chart Chart SIGNATURE Kard Chart	PUMP TRUCK CHARGE $1/2S. oo$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, oo MANIFOLD § \$4 Swelse @ 246, oo A' Sht vet.'cle 60 4.00 246, oo PLUG & FLOAT EQUIPMENT @ PLUG & FLOAT EQUIPMENT @ @ WON @ WON @ TOTAL Image: Solution of the second
EYESA WGVEr, Shud In Scenent dit CHARGE TO: WILLER CITY STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME Kath C Alle Mark	PUMP TRUCK CHARGE $1/2S. \infty$ EXTRA FOOTAGE @ MILEAGE 60 7.00 420, ∞ MANIFOLD & & S& Swedge @



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Wildcat Oil & Gas P O Box 40 Spivey, KS 67142



Invoice Number: 130074 Invoice Date: Feb 2, 2012 Page: 1

13,516.69

Federal Tax I.D.#: 20-8651475

RECEIVED FEB 1 3 2012

Customer ID	Well Name/# or Customer P.O.	Payment Terms		
Wild	Crane B #3	Net 30 Days		
Job Location	Camp Location	Service Date	Due Date	
KS2-02	Medicine Lodge	Feb 2, 2012	3/3/12	

Quantity	Item		Description	Unit Price	Amount
220.00	MAT	Class H	Premium	19.25	4,235.00
16.00	MAT	Pozmix		8.50	136.00
1.00	MAT	Gel		21.25	21.25
24.00	MAT	Class A	Common	16.25	390.00
22.00	MAT	Salt		23.95	526.90
1,100.00	MAT	KolSeal		0.89	979.00
2.50	MAT	ASF		1.27	3.18
10.00	MAT	Clapro		31.25	312.50
305.00	SER	Handlin	g	2.25	686.25
30.00	SER	Mileage		33.55	1,006.50
1.00	SER	Product	ion	2,405.00	2,405.00
60.00	SER	Heavy V	/ehicle Mileage	7.00	420.00
60.00	SER	Light Ve	ehicle Mileage	4.00	240.00
1.00	EQP	4 1/2 R	ubber Plug	71.00	71.00
1.00	EQP	4 1/2 G	uide Shoe	192.00	192.00
1.00	EQP	4 1/2 A	FU Insert	249.00	249.00
8.00	EQP	4 1/2 C	entralizers	48.00	384.00
10.00	EQP	4 1/2 R	eciprocating Scvc	74.00	740.00
1.00	CEMENTER	Darin F	ranklin		
1.00	EQUIP OPER	Jason T	himesch		
1.00	OPER ASSIST	Derek G	Gibbons		
ALL PRICES AR	E NET, PAYABLE		Subtotal		12,997.58
	OWING DATE OF		Sales Tax		519.11
	/2% CHARGED IF ACCOUNT IS	4	Total Invoice Amount		13,516.69
	E DISCOUNT OF		Payment/Credit Applied		

TOTAL



ONLY IF PAID ON OR BEFORE Feb 27, 2012

ALLIED CEMENTING CO., LLC. 037932 Federal Tax I.D.# 20-5975804

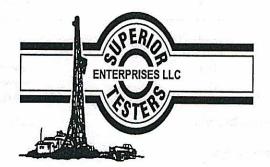
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Federal Tax I.I	D.# 20-5975804
REMIT TO P.O. BOX 31	SERVICE POINT:
RUSSELL, KANSAS 67665	medicine Louise Ki
	The cleft Posters
DATE 2-2-2012 SEC 7 30 5 RANGE 64 C	ALLED OUT ON LOCATION JOB START JOB FINISH
LEASE TYSK B WELL # 3 LOCATION R990	Ks Segsa Kinsman KS
LEASE THE IS WELL # 3 LOCATION F498	KS 5 egsa Kinsman Ks
OLD OF (NEW) (Circle one) 3 South) es	St, 4 South, Elinto
	, ,
CONTRACTOR Harbe #1	OWNER WildCGL Oil & Bas
TYPE OF JOB Production	
HOLE SIZE 778 T.D. 4501	CEMENT
CASING SIZE 41/2 16.5 HDEPTH 4.501	AMOUNT ORDERED 40 Sp 60. 40. 400 60
TUBING SIZE DEPTH	2205+ Class H + 10% 55/2+5#
DRILL PIPE DEPTH	Kolseci, 212 955 ASF, 10 5515 Clapico
TOOL DEPTH	·) · · · · · · · · · · · · · · · · · ·
PRES. MAX MINIMUM	COMMON CIPSS H 220, @19,25 4235,00
MEAS. LINE SHOE JOINT 12	POZMIX 1654 @ 8.50 136.00
CEMENT LEFT IN CSG.	GEL 1 Sx @ 21,25 21,25
PERFS.	CHLORIDE @
DISPLACEMENT 726615 Of 2% Kilwer.	ASC
EQUIPMENT	C1955 A 245× @ 16.25 390,00
EQUITMENT	Sq12 2250 @23,95 526.90
<u> </u>	Kelser 1100+2755 @ 0.89 977,00
PUMPTRUCK CEMENTER Derie F.	ASF 21/2 9515 @ 1.27 3,18
#360-265 HELPER Jeson T.	Clepro 103915 @ 31,25 312,50
BULKTRUCK	@ @
# 421-252 DRIVER Darrin G.	
BULK TRUCK	@
	@
# DRIVER	
# DRIVER	HANDLING 30550 @ 225 686,25
	HANDLING 3055, @ 2,25 686,25 MILEAGE 3055,/-11/30 1,006,50
REMARKS:	HANDLING <u>3055</u> @ 2,25 <u>686,25</u> MILEAGE <u>3055, / -11 136</u> <u>1,006,50</u> TOTAL 8,296,58
REMARKS: Pipeon boottom & breck circulation, pome	HANDLING <u>3055</u> @ 2,25 <u>686,25</u> MILEAGE <u>3055, / -11 136</u> <u>1,006,50</u> TOTAL 8,296,58
REMARKS: Pipeon booton & break circulation, putty flosh, mix 155= compet for Rothold, mix	HANDLING <u>3055</u> @ 2,25 <u>686,25</u> MILEAGE <u>3055, / -11 136</u> <u>1,006,50</u> TOTAL 8,296,58
REMARKS: Pipeon boatom & breck circulation, pump flush, mix 1550 comment for Rathol, mix 2550 Security mix 22000 24 402	HANDLING $3OS_{S_{P}}$ @ 2.25 $686, 25$ MILEAGE $3OS_{S_{P}}/.1113c$ $1, GOG, 5c$ TOTAL $8, 2\%, 58$ SERVICE
REMARKS: Pipeon boatom & breck circulation, pump flush, mix 1550 comment for Rathol, mix 2550 Security mix 22000 24 402	HANDLING $3OS_{S_{P}}$ @ 2.25 $686, 25$ MILEAGE $3OS_{S_{P}}/.1113c$ $1, GOG, 5c$ TOTAL $8, 2\%, 58$ SERVICE
REMARKS: Pipeon boatom & breck circulation, pump flush, mix 1550 comment for Rathol, mix 2550 Security mix 22000 24 402	HANDLING $30S_{S_P}$ @ 2.25 686.25 MILEAGE $30S_{S_P}/-11/3c_{O}$ $1,606.5c_{O}$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501
REMARKS: PIPEON bootom & break circulation, putty Plush, mix 155= Camert for Rothold, mix 255= Sacuenser Contert, mix 2203= of tail ament, Shut down, Wish pump alines Release plus, Sacit as plscement, Life Pressure C+ SO bhis, Slow YCH to 3 App	HANDLING $30S_{50}$ (e) 2.25 686.25 MILEAGE $30S_{50}$ / $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501 / PUMP TRUCK CHARGE 2405.00
REMARKS: PIPEON bootom & break circulation, pump Plush, mix 155= camert for Rothold, mix 255= Sacuenser Connert, mix 2203= of tail ament, Shut down, Wish pump dimes Release plus, Societ dis placement, L.F. pressure c+ SO blis, Slow yer to 3 pp 3063 bhis, bump Plus c+ 72 bhis 500	HANDLING $3OS_{P}$ (e) 2.25 686.25 MILEAGE $3OS_{S}/-11/3c$ $1,606.5c$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501 ' PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e)
REMARKS: PIPEON bootom & break circulation, PUMP Plush, Mix ISSE Comment for Rothold, Mix 25st Sacuenser Content, Mix 22035 of tail ament, Shut down, Wish pump alines Release plus, Sacit as plscement, Life Pressure C+ SO bhis, Slow YCH to 3 pp	HANDLING $3OS_{P}$ (e) 2.25 686.25 MILEAGE $3OS_{S}/-11/3c$ $1,606.5c$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $45O1$ ' PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) MILEAGE 420.00 (e) 700 420.00
REMARKS: PIPEON bootom & break circulation, pump Plush, mix 155= camert for Rothold, mix 255= Sacuenser Connert, mix 2203= of tail ament, Shut down, Wish pump dimes Release plus, Societ dis placement, L.F. pressure c+ SO blis, Slow yer to 3 pp 3063 bhis, bump Plus c+ 72 bhis 500	HANDLING $3OS_{P}$ (e) 2.25 686.25 MILEAGE $3OS_{F}/-11/30$ $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) 420.00 MILEAGE 420.00 (e) 420.00
REMARKS: PIPEON bootom & breck circulation, Putty dlush, mix 155 comment for Rathold, him 255x Sacuenser Content, mix 2203, of tail ament, Shut down, Wish pump & lines Release plus, Stort & is placement, Life Pressure C+ SO bhis, Slow rate to 3 pp 3063 hhis bomp Plus at 72 bhis 500 1400 PSI, floot be boild	HANDLING $3OS_{P}$ (e) 2.25 686.25 MILEAGE $3OS_{S}/-11/3O$ $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $45O1$ ' PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) MILEAGE 400 (e) 700 420.00
REMARKS: PIPEON bootom & breck circulation, Putty dlush, mix 155 comment for Rathold, him 255x Sacuenser Content, mix 2203, of tail ament, Shut down, Wish pump & lines Release plus, Stort & is placement, Life Pressure C+ SO bhis, Slow rate to 3 pp 3063 hhis bomp Plus at 72 bhis 500 1400 PSI, floot be boild	HANDLING $3OS_{P}$ (a) 2.25 686.25 MILEAGE $3OS_{F}/-11/3c$ $1,606.5c$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (a) 420.00 MILEAGE 60 (a) 700 420.00 MANIFOLD 463160460 (a) 420.00 MANIFOLD 463160460 (a) 420.00 (b) 4000 240.00 (c) 60 (c) 60 (c) 400 240.00
REMARKS: PIPEON booton & break circulation, putty Plush, mix 155 comment for Rothold, prix 255 Secures connert, mix 2203, of tail ament, Shut down, Wish pump alines Release plus, Stat & Spisement, Lift Pressure c+ SO bhis, Slow rep to 3 pp 3063 bhis bomp Plus c+ 72 bhis Sco 1400 PSI, flogt & bold CHARGE TO: Dilbert Oil & 955	HANDLING $30S_{P}$ (e) 225 686.25 MILEAGE $30S_{5}$ -1113_{O} $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE ($2705,00$ EXTRA FOOTAGE $2705,00$ MILEAGE 400 ($705,00$ MANIFOLD 400 ($705,00$ MANIFOLD 400 ($705,00$ 420,00 MANIFOLD 400 ($705,00$ 420,00 MANIFOLD 400 (700 400 200
REMARKS: PIPEON bootom & breck circulation, Putty dlush, mix 155 comment for Rathold, him 255x Sacuenser Content, mix 2203, of tail ament, Shut down, Wish pump & lines Release plus, Stort & is placement, Life Pressure C+ SO bhis, Slow rate to 3 pp 3063 hhis bomp Plus at 72 bhis 500 1400 PSI, floot be boild	HANDLING $30S_{P}$ (e) 225 $686, 25$ MILEAGE $30S_{S_{P}}/-11/36$ $1, 606, 50$ TOTAL $8, 296, 58$ SERVICE DEPTH OF JOB 4501^{\prime} PUMP TRUCK CHARGE $240S, 00$ EXTRA FOOTAGE (e) MILEAGE 60 (e) 700 $420, 00$ MANIFOLD $460A(60, 60)$ (e) 470, 00
REMARKS: PIPEON bODACIM & breck Circulation, PUMP Plush, Mix ISSE Comment for Rathold, Mix 25sr Sacuenser Comment, Mix 2203, of ten Comment, Shut down, Wish pump dimes Pelesse plus, Sdort displacement, Lift Pressure at So bhis, Slow Yar to 30ph 3+63 bhis Domp Plus at 72 bbis Soo 1400 PSi, floot we hold CHARGE TO: Dilbact 0;1 & 955 STREET	HANDLING $30S_{P}$ (e) 225 686.25 MILEAGE $30S_{5}$ -1113_{O} $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE ($2705,00$ EXTRA FOOTAGE $2705,00$ MILEAGE 400 ($705,00$ MANIFOLD 400 ($705,00$ MANIFOLD 400 ($705,00$ 420,00 MANIFOLD 400 ($705,00$ 420,00 MANIFOLD 400 (700 400 200
REMARKS: PIPEON booton & break circulation, putty Plush, mix 155 comment for Rothold, prix 255 Secures connert, mix 2203, of tail ament, Shut down, Wish pump alines Release plus, Stat & Spisement, Lift Pressure c+ SO bhis, Slow rep to 3 pp 3063 bhis bomp Plus c+ 72 bhis Sco 1400 PSI, flogt & bold CHARGE TO: Dilbert Oil & 955	HANDLING $30S_{50}$ (e) 225 686.25 MILEAGE $305_{50}/-11/30$ $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) 420.00 MANIFOLD $460.100 \text{ (c)} = 60$ (e) 400.00 MANIFOLD $460.100 \text{ (c)} = 60$ (e) 400.00 MANIFOLD $460.100 \text{ (c)} = 60$ (e) 400.00 MANIFOLD $460.100 \text{ (c)} = 60$ (c) 400.00 MANIFOLD $460.100 \text{ (c)} = 60$ (c) 400.00 MANIFOLD 400.000 (c) 40
REMARKS: PIPEON bODACIM & breck Circulation, PUMP Plush, Mix ISSE Comment for Rathold, Mix 25sr Sacuenser Comment, Mix 2203, of ten Comment, Shut down, Wish pump dimes Pelesse plus, Sdort displacement, Lift Pressure at So bhis, Slow Yar to 30ph 3+63 bhis Domp Plus at 72 bbis Soo 1400 PSi, floot we hold CHARGE TO: Dilbact 0;1 & 955 STREET	HANDLING $30S_{50}$ (e) 225 686.25 MILEAGE $305_{50}/-11/36$ $1,606.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB 4501^{1} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) 420.00 MANIFOLD $460.100.40$ (e) 400.00 MANIFOLD $460.100.40$ (e) 400.00 (f) 400.00
REMARKS: PIPEON bODACIM & breck Circulation, PUMP Plush, Mix ISSE Comment for Rathold, Mix 25sr Sacuenser Comment, Mix 2203, of ten Comment, Shut down, Wish pump dimes Pelesse plus, Sdort displacement, Lift Pressure at So bhis, Slow Yar to 30ph 3+63 bhis Domp Plus at 72 bbis Soo 1400 PSi, floot we hold CHARGE TO: Dilbact 0;1 & 955 STREET	HANDLING $30S_{P}$ (e) 2.25 686.25 MILEAGE $30S_{S,}/-11/36$ $1,606.56$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 240.500 EXTRA FOOTAGE (e) MILEAGE 60 (e) 700 420.00 MANIFOLD 465.00 (e) 420.00 MANIFOLD 465.00 (f) 420.00 (f) 13065.00 PLUG & FLOAT EQUIPMENT 41/2
REMARKS: PIPEON bODACIM & breck Circulation, PUMP Plush, Mix ISSE Comment for Rathold, Mix 25sr Sacuenser Comment, Mix 2203, of ten Comment, Shut down, Wish pump dimes Pelesse plus, Sdort displacement, Lift Pressure at So bhis, Slow Yar to 30ph 3+63 bhis Domp Plus at 72 bbis Soo 1400 PSi, floot we hold CHARGE TO: Dilbact 0;1 & 955 STREET	HANDLING $30S_{2}$ (a) 225 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (a) 706 420.00 MILEAGE 60 (a) 706 420.00 MANIFOLD $4654.160.49$ (a) 706 240.00 (b) 100
REMARKS: Pipeon bootom & break circulation, point dish, mix 155 comment for Rothold, prix 2555 Sacuenser Content, mix 2203, of the Rement, Shut down, Wish pump dires Release plus, Stat & Spiscement, Life Pressure C+ 50 blis, Slow rep to 3 pp 3063 blis domp Plus c+ 72 bbis 500 1400 PSI, floor be boild CHARGE TO: Dildcet Oil & 955 STREET CITY STATE	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.50$ TOTAL $8,296.58$ DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 700 420.00 MANIFOLD $465A1000$ @ 420.00 MANIFOLD $465A10000$ @ TOTAL 3065.00 PLUG & FLOAT EQUIPMENT 41/2 1-9000000000000000000000000000000000000
REMARKS: PIPEON bOUTON & break circulation, POINS Plosh, MIXISSE Comment for Rathole, Mix 255x Sacuenser Content, Mix 22032 of tail Genent, Shut down, WSSh pump dives Peleese plus, Stat & Spiscement, Life Pressure C+ SO bhis, Slow Yar to 3 pp 3063 hhis bomp Plus at 72 bhis Sco 1400 PSI, flost & bold CHARGE TO: Dildcet Oil & 955 STREET CITY STATE To Allied Cementing Co., LLC.	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/30$ $1,606.50$ TOTAL $8,296.58$ DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 700 420.00 MANIFOLD 4654.1000 @ 4'20.00 $240.00MANIFOLD 4654.1000 @TOTAL 3065.00PLUG & FLOAT EQUIPMENT4'21-2000000000000000000000000000000000000$
REMARKS: PIPEON bODTON & break circulation, POTO Plosh, mix 155 comment for Rathold, him 255x Sacuenser Content, Mix 2203, of the Rement, Shot down, W35h DUMP & lines Peleese Plus, Start & Spiscement, Life Pressure C+ SO bhis, Slow Yak to 3 pp 3063 hhis bomp Plus at 72 bhis 500 1400 PSI, float be bold CHARGE TO: Dilbert O'I & 955 STREET CITY STATE ZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 706 420.00 MANIFOLD $4654.160.49$ @ 4:sh4 Uehicle 60 @ 4.00 $240.00@TOTAL 3065.00PLUG & FLOAT EQUIPMENT41/21-90bh7 Plug @ 71.00 71.001-60146 Sh67 @ 192.00 152001-60146 Sh67 @ 249.00 245.00$
REMARKS: PIPE ON bODTON & break circulation, POTO Plash, mix 155¢ Coment for Rethold, pup 255x Sacuenser Coment, Mix 2203¢ Of tell Ament, Shut down, W35h DUMP & lines Peleese Plus, Stort & Splow mp & lines Peleese Plus, Stort & Splow rep to 30 Ph 3063 hhis bomp Plus ct 72 bbs 500 1400 PSI, floct & bold CHARGE TO: Dildet O'I & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/30$ $1,006.50$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 700 420.00 EXTRA FOOTAGE @ MANIFOLD 4654.1000 @ 420.00 MANIFOLD 4654.1000 @ 13065.00 PLUG & FLOAT EQUIPMENT 41/2 1-9000000000000000000000000000000000000
REMARKS: PIPE ON bOXTOM & break circulation, POTA Clash, mix 155¢ Coment for Rathele, have 255x Sacuenser Coment, Mix 2203¢ of the Rement, Shaddown, W35h DUMP & lines Peleese Plus, Stat & Spiscement, Lipe Pressure C+ SO bils, Slow Yake to 30 Ph 3063 his bomp Plus c+ 72 bils 900 1400 PSI, float be hold CHARGE TO: Dild CG+ Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 206 420.00 EXTRA FOOTAGE @ MANIFOLD HESA 16AC @ 4'20.00 @ TOTAL 3065.00 PLUG & FLOAT EQUIPMENT 4'2 PLUG & FLOAT EQUIPMENT 4'2 1-60166 Shoe @ 192.00 $192001-60166 Shoe$ @ 192.00 $192005-Centr(S).2ers @ 48.00 354.0016-2eupreceding Scivering 74.00 740.00$
REMARKS: PIPE ON bOXTOM & breek CIRCULERION, POINT CLUSH, MLX ISSE COMENT FOR Rethold, Mark 255x SQCUENSER COMENT, MLX 22032 OF the Paleose Plus, Store & Sphon & Dimes Peleose Plus, Store & Sphon & Dimes Pressure C+ SO bhis, Slow Yere of 3 pph 3063 hhis DOMO Plus C+ 72 bhis Sco Itad PDI, floce & be hold CHARGE TO: Dilbert Ojibert STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ SERVICE DEPTH OF JOB $4501'$ PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 706 420.00 MANIFOLD $4654.160.49$ @ 4:sh4 Uehicle 60 @ 4.00 $240.00@TOTAL 3065.00PLUG & FLOAT EQUIPMENT41/21-90bh7 Plug @ 71.00 71.001-60146 Sh67 @ 192.00 152001-60146 Sh67 @ 249.00 245.00$
REMARKS: PIPE ON bOXTOM & break circulation, POTA Clash, mix 155¢ Coment for Rathele, have 255x Sacuenser Coment, Mix 2203¢ of the Rement, Shaddown, W35h DUMP & lines Peleese Plus, Stat & Spiscement, Lipe Pressure C+ SO bils, Slow Yake to 30 Ph 3063 his bomp Plus c+ 72 bils 900 1400 PSI, float be hold CHARGE TO: Dild CG+ Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	HANDLING $30S_{P}$ (e) 225 686.25 MILEAGE $30S_{S_{P}}/-11/3c_{S_{S_{S_{S_{S_{S_{S_{S_{S_{S_{S_{S_{S_$
REMARKS: PIPE ON bOXTOM & breek CIRCULERION, POINT CLUSH, MLX ISSE COMENT FOR Rethold, Mark 255x SQCUENSER COMENT, MLX 22032 OF the Paleose Plus, Store & Sphon & Dimes Peleose Plus, Store & Sphon & Dimes Pressure C+ SO bhis, Slow Yere of 3 pph 3063 hhis DOMO Plus C+ 72 bhis Sco Itad PDI, floce & be hold CHARGE TO: Dilbert Ojibert STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	HANDLING $30S_{2}$ @ 225 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ TOTAL $8,296.58$ DEPTH OF JOB 4501^{\prime} PUMP TRUCK CHARGE 240.500 EXTRA FOOTAGE @ MILEAGE 60 @ 200 420.00 MANIFOLD 462416040 @ 4100 $240.00@TOTAL 3065.00PLUG & FLOAT EQUIPMENT4121-200ber Plus @ 71.00 71.001-60126 Shor @ 192.00 152601-510 + nsert @ 249.00 249.008-600 + 2100 - 240.001-60126 Shor @ 192.00 152601-510 + nsert @ 249.00 249.005-600 + 2900 - 249.00 - 249.005-600 + 2900 - 249.00249.00240.0024$
REMARKS: PIPE ON bOX torm & breek circulation, Portage Plash, mix 155¢ Convert for Rothald, pain 255x Sacuenser Convert, mix 2205¢ of the Rement, Shut down, W55h pump & lines Peleese plus, Strit & Spiscement, Lipt Pressure C+ SO bils, Slow rap of 3 ph 3063 his bomp Plus c+ 72 bils 500 1400 PSI, floge be hold CHARGE TO: Dildc4 Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	HANDLING $30S_{2}$ @ 225 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ TOTAL $8,296.58$ DEPTH OF JOB 4501^{\prime} PUMP TRUCK CHARGE 240.500 EXTRA FOOTAGE @ MILEAGE 60 @ 200 420.00 MANIFOLD 462416040 @ 4100 $240.00@TOTAL 3065.00PLUG & FLOAT EQUIPMENT4121-200ber Plus @ 71.00 71.001-60126 Shor @ 192.00 152601-510 + nsert @ 249.00 249.008-600 + 2100 - 240.001-60126 Shor @ 192.00 152601-510 + nsert @ 249.00 249.005-600 + 2900 - 249.00 - 249.005-600 + 2900 - 249.00249.00240.0024$
REMARKS: PIPE ON bODTON & break circulation, POING Plosh, mix 155¢ Comert for Rotheld, have 255¢ Secuenser Cornert, mix 2205¢ effett ement, Shutdown, WSSh pump & lives Peleese plus, State & Spiscement, Lift Pressure c+ SO bhis, Slow rep to 3 pp 3063 hhis bomp Plus c+ 72 bbs Sco 1400 PSi, flogt & bold CHARGE TO: Dildcet Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	HANDLING $30S_{SP}$ (e) 2.25 484.25 MILEAGE $30S_{SP}/-11/36$ $1,604.56$ TOTAL $8,294.58$ SERVICE DEPTH OF JOB 4507 ' PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) (e) 420.00 MILEAGE 400 (e) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 (f) 1304.500 PLUG & FLOAT EQUIPMENT 41/2 1-200ber 2100 (f) $240.00PLUG & FLOAT EQUIPMENT41/21-200ber 2100 (f) 240.00600 (f) 420.00600 (f) 400.006$
REMARKS: PIPE ON bOX torm & breek circulation, Portage Plash, mix 155¢ Convert for Rothald, pain 255x Sacuenser Convert, mix 2205¢ of the Rement, Shut down, W55h pump & lines Peleese plus, Strit & Spiscement, Lipt Pressure C+ SO bils, Slow rap of 3 ph 3063 his bomp Plus c+ 72 bils 500 1400 PSI, floge be hold CHARGE TO: Dildc4 Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	HANDLING $30S_{2}$ @ 2.25 686.25 MILEAGE $30S_{2}/-11/36$ $1,606.56$ TOTAL $8,296.58$ TOTAL $8,296.58$ DEPTH OF JOB 4501^{\prime} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 200 420.00 MANIFOLD 4600 @ 400 240.00 MANIFOLD 4600 @ 400 240.00 @ TOTAL 3065.00 PLUG & FLOAT EQUIPMENT 41/2 1-200ber Plug @ 71.00 7/.06 1-601be Shor @ 192.00 15260 1-AFU + nsert @ 249.00 249.00 8-Cent(Sh2ers @ 48.00 384.00) 10-2001eccdrns Scucrema@ 74.00 740.00 TOTAL $\frac{1636.06}{500}$
REMARKS: PIPE ON bOX tom & breek circulation, Portage Plosh, mix 155¢ Coment for Rotheld, pain 255¢ Sacuenser Coment, Mix 2205¢ OK toil Rement, Shut down, W55h OWMP & lines Peleese Plus, Secret & Splow mp & lines Peleese Plus, Secret & Splow rotheld Pressure C+ SO bhis, Slow rotheld State Disconstructure Pressure C+ SO bhis, Slow rotheld CHARGE TO: Dildc+ Oil & 955 STREET CITYSTATE To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME X TIM PLERCE	HANDLING $30S_{SP}$ (e) 2.25 484.25 MILEAGE $30S_{SP}/-11/36$ $1,604.56$ TOTAL $8,294.58$ SERVICE DEPTH OF JOB 4507 ' PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE (e) (e) 420.00 MILEAGE 400 (e) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 MANIFOLD $4624.160.40$ (f) 420.00 (f) 1304.500 PLUG & FLOAT EQUIPMENT 41/2 1-200ber 2100 (f) $240.00PLUG & FLOAT EQUIPMENT41/21-200ber 2100 (f) 240.00600 (f) 420.00600 (f) 400.006$
REMARKS: PIPE ON bOX tom & breek circulation, Portage Plosh, mix 155¢ Coment for Rotheld, pain 255¢ Sacuenser Coment, Mix 2205¢ OK toil Rement, Shut down, W55h OWMP & lines Peleese Plus, Secret & Splow mp & lines Peleese Plus, Secret & Splow rotheld Pressure C+ SO bhis, Slow rotheld State Disconstructure Pressure C+ SO bhis, Slow rotheld CHARGE TO: Dildc+ Oil & 955 STREET CITYSTATE To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME X TIM PLERCE	HANDLING $30S_{S_{P}}$ @ 225 484.25 MILEAGE $30S_{S_{P}}///36$ $1,604.50$ TOTAL $8,294.58$ SERVICE DEPTH OF JOB 4501^{\prime} PUMP TRUCK CHARGE 2405.00 EXTRA FOOTAGE @ MILEAGE 60 @ 200 420.00 MANIFOLD $420.410AC$ @ 1.3 hd Uen.cle 60 @ 4.00 $240.00@TOTAL 3045.00PLUG & FLOAT EQUIPMENT41/21-200h07$ 2105 @ 71.00 $71.061-601de Shor$ @ 192.00 $153001-AFV + nserd @ 249.00$ $259.008-Cent(S)_{1}2ers @ 45.00 354.0010-2ec_{L}precedents Scive cremes @ 74.00 740.00TOTAL \frac{1636.06}{16.00}SALES TAX (If Any)TOTAL CHARGES 12, 997.58DISCOUNT IF PAID IN 30 DAYS$
REMARKS: PIPE ON bODTON & break circulation, POING Plosh, mix 155¢ Comert for Rotheld, have 255¢ Secuenser Cornert, mix 2205¢ effett ement, Shutdown, WSSh pump & lives Peleese plus, State & Spiscement, Lift Pressure c+ SO bhis, Slow rep to 3 pp 3063 hhis bomp Plus c+ 72 bbs Sco 1400 PSi, flogt & bold CHARGE TO: Dildcet Oil & 955 STREET CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	HANDLING 30Ss. (a) 225 $\frac{286}{25}$ MILEAGE $305s.$ (a) 225 $\frac{286}{25}$ TOTAL $\frac{8}{296}$, $\frac{296}{58}$ SERVICE DEPTH OF JOB $\frac{14501}{7}$ PUMP TRUCK CHARGE $2405, 00$ EXTRA FOOTAGE (a) $\frac{2}{200}$ $\frac{420, 00}{7200}$ MILEAGE $\frac{60}{200}$ (a) $\frac{240, 00}{240, 00}$ MANIFOLD $\frac{162211000}{100}$ (b) $\frac{100}{100}$ (c) $\frac{100}{1$



DRILL STEM TEST REPORT

Prepared For: Wildcat Oil & Gas L.L.C

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.28 @ 22:37:00 End Date: 2012.01.29 @ 05:17:00 Job Ticket #: 18733 DST #: 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27	-30s-6w	Kingman	
	Po Box 40 Spivey KS 67142+	-0040	Cr	ane B#	#3	
STEP				b Ticket: 1		DST#:1
	ATTN: Tim Pierle				2012.01.28 @	
GENERAL INFORMATION:		19. 19. 	Anne and an			
Formation: KC 'A' Zone						
Deviated: No Whipstock:	ft (KB)		Ter	st Type:	Conventional	l Bottom Hole (Initial)
Time Tool Opened: 00:19:00				ster:	Jared Schec	
Time Test Ended: 05:17:00				it No:	3320-Pratt-	
nterval: 3554.00 ft (KB) To 357	2.00 ft (KB) (TVD)		Re	ference E	levations ·	1420.00 ft (KB)
Total Depth: 3572.00 ft (KB) (TV						1410.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Fair			KB	to GR/CF:	10.00 ft
Serial #: 8524			_			
Press@RunDepth: 140.59 psia @	D ft (KB)		Canaal			E000.00
Start Date: 2012.01.28	End Date:	2012.01.29	Capacity Last Cal			5000.00 psia 2012.01.29
Start Time: 22:38:00	End Time:	05:17:00	Time On		2012.01.29 @	
	Station and States		Time Of		2012.01.29 @	
2nd Opening 30 N	utes-Very weak blow back 1/2 inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2	minutes			
2nd Opening 30 N	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket	P			nade water.
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Th	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.)	2° 3	RESSUF Temp (deg F)	Annotation	nade water.
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Tir petitiwaurs	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0	P Pressure (psia) 1780.78	Temp (deg F) 105.54	Annotation	n -static
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. Tir sectionary	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1	P Pressure (psia) 1780.78 39.82	Temp (deg F) 105.54 105.36	Annotation Initial Hydro- Open To Flo	n -static
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. Thr	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30	P Pressure (psia) 1780.78 39.82 95.89	Temp (deg F) 105.54 105.36 122.23	Annotation Initial Hydro- Open To Flo Shut-In(1)	n -static ww (1)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Thr	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90	P Pressure (psia) 1780.78 39.82	Temp (deg F) 105.54 105.36 122.23 122.80	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(n -static ow (1) (1)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Thr	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 92 120	P Pressure (psia) 1780.78 39.82 95.89 1370.61	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2)	n -static ow (1) (1)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Thr	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Thr	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 92 120	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2)	-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Tir	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Tir	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The provide a state of the sta	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Tir	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. Thr Trop Trop Trop Trop Trop Trop Trop Tro	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(-static -static (w (1) (1) (1) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The provide the second	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The provide of the second seco	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The pres	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The pres	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The pressure vs. The pres	Inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)
2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The production of the second s	inutes-Strong blow built botton nutes-Blow back 8 inches into l	n of bucket in 2 bucket Time (Min.) 0 1 30 90 120 120 180	Pressure (psia) 1780.78 39.82 95.89 1370.61 104.87 140.59 1367.16	Temp (deg F) 105.54 105.36 122.23 122.80 122.42 125.69 126.10 125.96	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo Shut-In(2) End Shut-In(Final Hydro-	-static ow (1) (1) (1) (2) (2) (2) (2) (2) (2)

A		LL STEM				and a second second	
	ENTERPRISES LLC Wildcat	Oil & Gas L.L.C		27-30	0s-6w Kin	gman	
	Po Box	40 Spivey KS 671	42+0040	Cran	ne B#3		
				Job Ti	icket: 18733	DS	T#: 1
EPProv	ATTN:	Tim Pierle		Test S	Start: 2012.0	01.28 @ 22:37:	00
GENERAL	- INFORMATION:						
Formation:	KC 'A' Zone						
	No Whipstock: pened: 00:19:00 nded: 05:17:00	ft (KB)		Test T Tester Unit N	r: Jareo	ventional Bottor d Scheck)-Pratt-	n Hole (Initial)
Interval:	3554.00 ft (KB) To 3572.00 ft (H	<b) (tvd)<="" td=""><td></td><td>Refere</td><td>ence Elevatio</td><td>ons: 1420</td><td>0.00 ft (KB)</td></b)>		Refere	ence Elevatio	ons: 1420	0.00 ft (KB)
Total Depth:	3572.00 ft (KB) (TVD)						0.00 ft (CF)
Hole Diamete	er: 7.88 inchesHole Condition:	: Fair			KB to GF		0.00 ft
Serial #:	8525						
Press@Runl	· · ·	ft (KB)		Capacity:		5000).00 psia
Start Date:		d Date:	2012.01.29	Last Calib .:		2012.01	
Start Time:	22:38:00 End	d Time:	05:17:00	Time On Btr		.01.29 @ 00:17	7:30
				Time Off Bt	im: 2012	.01.29 @ 03:18	3:30
	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov	y weak blow back rong blow built bot	1/2 inch tom of bucket in 2	0 1/2 minutes minutes	6		
	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot	1/2 inch tom of bucket in 2	minutes PRE		UMMARY	
1750	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.)	minutes PRE Pressure (psia) (d	Temp Ar deg F)	notation	
	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) 0	minutes PRE Pressure (psia) (c 1807.26	Temp Ar deg F) 104.56 Initia	nnotation al Hydro-static	11 y
1759	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) 1 31	minutes PRE Pressure (psia) (c 1807.26 - 73.78 1	Temp Ar deg F) 104.56 Initia 104.48 Ope	nnotation al Hydro-static en To Flow (1)	с. Т.
1720	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu	nnotation al Hydro-static	с. С.
17:9	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) 1 - 10 -	PRE Pressure - (psia) (c 1807.26 - 73.78 1 150.82 - 1445.13 1 177.10 1	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope	Inotation I Hydro-static In To Flow (1) t-In(1) Shut-In(1) In To Flow (2)	
1799 500 500 500 500 500 500 500 5	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	PRE Pressure 0 (psia) 0 1807.26 0 73.78 1 150.82 1 1445.13 1 177.10 1 216.35 1	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu	Inotation I Hydro-static In To Flow (1) t-In(1) Shut-In(1) In To Flow (2) t-In(2)	
1739 TOD	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) 1 	PRE Pressure (c (psia) (c 1807.26 (c 73.78 (c 150.82 (c 1445.13 (c 1216.35 (c 1437.57 (c	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End	Inotation Il Hydro-static In To Flow (1) t-In(1) Shut-In(1) In To Flow (2) t-In(2) Shut-In(2)	
1730 E030 C030 1030 E030	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	PRE Pressure (c (psia) (c 1807.26 (c 73.78 (c 150.82 (c 1445.13 (c 1216.35 (c 1437.57 (c	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End	Inotation I Hydro-static In To Flow (1) t-In(1) Shut-In(1) In To Flow (2) t-In(2)	
	2nd Opening 30 Minutes-Very 2nd Shut-in 60 Minutes-Blov Pressner vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	PRE Pressure (c (psia) (c 1807.26 (c 73.78 (c 150.82 (c 1445.13 (c 1216.35 (c 1437.57 (c	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End	Inotation Il Hydro-static In To Flow (1) t-In(1) Shut-In(1) In To Flow (2) t-In(2) Shut-In(2)	
17:3 500 700 700 700 700 700 700 700	Pressure vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	PRE Pressure (c (psia) (c 1807.26 (c 73.78 (c 150.82 (c 1445.13 (c 1216.35 (c 1437.57 (c	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End	Inotation al Hydro-static en To Flow (1) t-In(1) Shut-In(1) in To Flow (2) t-In(2) Shut-In(2) I Hydro-static	
173 173 173 173 173 173 173 173	Pressure vs. Time	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina	Inotation al Hydro-static en To Flow (1) t-In(1) Shut-In(1) in To Flow (2) t-In(2) Shut-In(2) I Hydro-static	Gas Rate (Mct/d)
1779 279 279 279 279 279 279 279	Pressure vs. Time Pressure vs.	y weak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) Initia 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina Gas Rat	Inotation Inotation In To Flow (1) t-ln(1) Shut-ln(1) In To Flow (2) t-ln(2) Shut-ln(2) I Hydro-static	Gas Rate (Mct/d)
1779 200 201 201 201 201 201 201 201	Pressure vs. Time	y w eak blow back rong blow built bot w back 8 inches in	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) Initia 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina Gas Rat	Inotation Inotation In To Flow (1) t-ln(1) Shut-ln(1) In To Flow (2) t-ln(2) Shut-ln(2) I Hydro-static	Gas Rate (Mct/d)
1779 279 279 279 279 279 279 279	Pressure vs. Time Pressure vs.	Volume (bbl)	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) Initia 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina Gas Rat	Inotation Inotation In To Flow (1) t-ln(1) Shut-ln(1) In To Flow (2) t-ln(2) Shut-ln(2) I Hydro-static	Gas Rate (Mct/d)
1779 279 279 279 279 279 279 279	Pressure vs. Time Pressure vs.	Volume (bbi) 0.30 0.00	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) Initia 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina Gas Rat	Inotation Inotation In To Flow (1) t-ln(1) Shut-ln(1) In To Flow (2) t-ln(2) Shut-ln(2) I Hydro-static	Gas Rate (Mct/d)
1773 279 279 279 279 279 279 279 279	Pressure vs. Time Pressure vs.	Volume (bbl) 0.30 0.30	1/2 inch tom of bucket in 2 nto bucket Time (Min.) - 10 - 10	minutes PRE (psia) (0 1807.26 73.78 150.82 1445.13 177.10 1216.35 1 1437.57 1 1796.56 1	Temp Ar deg F) Initia 104.56 Initia 104.48 Ope 114.23 Shu 121.96 End 121.55 Ope 126.08 Shu 127.51 End 125.45 Fina Gas Rat	Inotation Inotation In To Flow (1) t-ln(1) Shut-ln(1) In To Flow (2) t-ln(2) Shut-ln(2) I Hydro-static	Gas Rate (Mct/d)

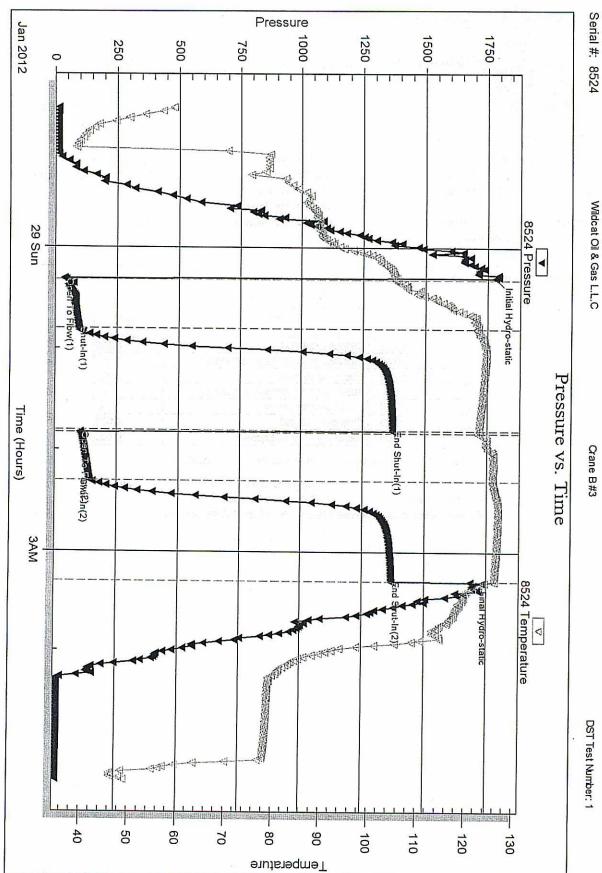
SPERIO				M TEST	REPO	KI	TOOL DIAGRA
ENTERPRISES L	LC	Wildcat C	oil & Gas L.	L.C		27-30s-6w Kingma	n
COTER?		Po Box 4	0 Spivey K	S 67142+0040		Crane B #3	
		×. ;				Job Ticket: 18733	DST#:1
		ATTN: 1	lim Pierle			Test Start: 2012.01.28	@ 22:37:00
Tool Information							•
Drill Pipe: Length	: 3420.00 ft	Diameter:	3.80 ir	ches Volume:	47.97 bb	I Tool Weight:	1000.00 lb
Heavy Wt. Pipe: Length	: 0.00 ft	Diameter:	0.00 ir	ches Volume:	0.00 bb	The second of the second	
Drill Collar: Length	: 120.00 ft	Diameter:	2.25 in	ches Volume:	0.59 bb		
Drill Pipe Above KB:	6.00 ft			Total Volume:	48.56 bb	Tool Chased	2.00 ft
Depth to Top Packer:	3554.00 ft					String Weight: Initial	60000.00 lb
Depth to Bottom Packer:	ft					Final	60000.00 lb
Interval between Packers							
Tool Length:	38.00 ft						
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:							
Tool Description	Le	ngth (ft) S	erial No.	Position	Depth (ft)	Accum. Lengths	
SHut-InTool		5.00		Inside	3539.00	Accum. Lenguis	
Hydrolic Tool		5.00		mondo	3544.00		
Packer		5.00			3549.00	20.00	Pottom Of Tan Daskan
Packer		5.00			3554.00	20.00	Bottom Of Top Packer
Anchor		13.00			3567.00		
Recorder		1.00	8524	Inside	3568.00		
Recorder		1.00	8525	Outside	3569.00		
Bullnose		3.00	0020	outside	3572.00	18.00 Bo	ottom Packers & Anchor
Total Tot	ol Length:	38.00			0012.00	BL	Suom Packers & Anchor
							H 2

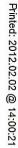
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	Po Bo ATTN: ation	at Oil & Gas L.L.C x 40 Spivey KS 67142+0040 : Tim Pierle Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table Description	O ft V bbl psia Volume		ST#: 1 :00 deg API ppm
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	ATTN: ation	Tim Pierle Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	Job Ticket: 187 Test Start: 201 O ft W bbl psia Volume	733 DS 12.01.28 @ 22:37: MAPI:	deg API
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	ation t s Length	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	Test Start: 201 O ft V bbl psia Volume	12.01.28 @ 22:37: Mi API:	deg API
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	ation t s Length	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	Test Start: 201 O ft V bbl psia Volume	12.01.28 @ 22:37: Mi API:	deg API
Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm	ation t s Length	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	O ft V bbl psia Volume	il API:	deg API
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	t s Length	Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	ft W bbl psia Volume		
Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt Water Loss: 9.58 in³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	t s Length	Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	ft W bbl psia Volume		
Viscosity: 44.00 sec/qt Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	t s Length	Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: Recovery Table	bbl psia Volume	Vater Salinity:	ppm
Water Loss: 9.58 in ³ Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	n S Length	Gas Cushion Type: Gas Cushion Pressure: Recovery Table	psia Volume		
Resistivity: ohm.m Salinity: 3000.00 ppm Filter Cake: 1.00 inches	Length	Gas Cushion Pressure: Recovery Table	Volume		
Salinity: 3000.00 ppm Filter Cake: 1.00 inches	Length	Recovery Table	Volume		
Filter Cake: 1.00 inches	Length				
	Length				
Recovery Information					
			bbl		
			bbl		
	60.00	Oil Water Cut Mud	0.295		
	0.00	10%Gas 5%Oil 5%Water 80%Mud	0.000		
	60.00	Muddy Oil cut Water	0.295		
P	0.00	10%Gas 2%Oil 20%Mud 68%Water	0.000		
	0.00	1380 Feet Gas in Pipe	0.000		
	0.00	Chlorides 110,000	0.000		
	0.00	Resistivity .1 @ 48 Degrees	0.000		
Total Len	ngth: 120	0.00 ft Total Volume: 0.590 bbl			
Num Eluir	d Samples: 0	Num Cas Rambas 0			
Laborato		Num Gas Bombs: 0	Serial #:		
		Laboratory Location: hlorides 110,000 Resistivity .1 @ 48 Degrees	C.		
Recovery	y comments. G	nondes 110,000 Resistivity .1 @ 48 Degrees	5		

•

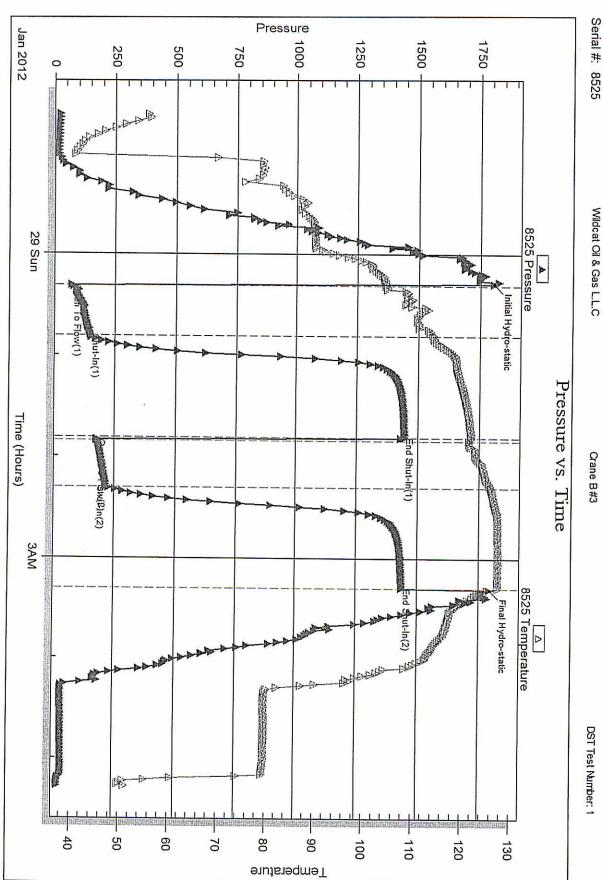
Printed: 2012.02.02 @ 14:00:21

Superior Testers Enterprises LLC Ref. No: 18733



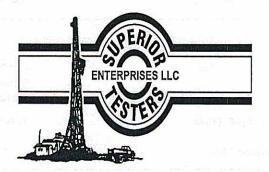






Wildcat Oil & Gas L.L.C

Crane B#3



DRILL STEM TEST REPORT

Prepared For: Wildcat Oil & Gas L.L.C Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.29 @ 15:37:00 End Date: 2012.01.29 @ 23:03:00 Job Ticket #: 18734 DST #: 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27-	-30s-6w	Kingn	nan	
- A COTE A	Po Box 40 Spivey KS 67142+	+0040	Cra	ane B#	3		
			Job	Ticket: 1	8734	DS	T#:2
	ATTN: Tim Pierle		Tes	st Start: 2	012.01.2	29 @ 15:37:	00
GENERAL INFORMATION:			n.				
Formation: KC "Dennis" + "KC"							
Deviated: No Whipstock:	ft (KB)						n Hole (Initial)
Time Tool Opened: 17:36:00 Time Test Ended: 23:03:00					Jared S		
			Uni	t No:	3320-Pr	att-135	
	00.00 ft (KB) (TVD)		Ref	erence E	evations	000 000 000 000 000 000 000 000 000 00	0.00 ft (KB)
Total Depth: 3700.00 ft (KB) (TN Hole Diameter: 7.88 inches Hole				1/2			0.00 ft (CF)
			an lang bahar	KB	to GR/C	r: 10	0.00 ft
Serial #: 8524		t in M	નું આ દેવનાં			e en	
Press@RunDepth: 148.82 psia	@ ft (KB)		Capacity	::		5000).00 psia
Start Date: 2012.01.29	End Date:	2012.01.29	Last Cali			2012.01	
Start Time: 15:38:00	End Time:	23:03:00	Time On		2012.01	.29 @ 17:33	3:30
			Time Off	Btm:	2012.01	.29 @ 20:36	6:30
1st Shut-in 60 Mi 2nd Opening 30 / 2nd Shut-in 60 M	nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back		l Minutes	RESSUF			
1st Shut-in 60 Mi 2nd Opening 30 / 2nd Shut-in 60 M	nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back		l Minutes				
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 M	nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back	m of bucket in 11	Minutes Pi Pressure	RESSUF	RE SUI		
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 M Pressure vs. 13	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	l Minutes Pl Pressure (psia)	RESSUF Temp (deg F)		MMARY otation	
1st Shut-in 60 Mi 2nd Opening 30 / 2nd Shut-in 60 M Pressure vs. 13	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Minutes Pr Pressure (psia) 1739.28	RESSUF Temp (deg F) 105.74	RE SUI Anno	MMARY otation tydro-static	
1st Shut-in 60 Mi 2nd Opening 30 / 2nd Shut-in 60 M Pressure vs. 13	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	l Minutes Pl Pressure (psia)	RESSUF Temp (deg F)	RE SUI Anno Initial H Open	MMARY otation tydro-static To Flow (1)	
1st Shut-in 60 Mi 2nd Opening 30 / 2nd Shut-in 60 M Pressure vs. 13	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11 Time (Min.) (Min.) 3 32 91	Pressure (psia) 1739.28 63.80 110.98 1282.80	RESSUF Temp (deg F) 105.74 106.26	RE SUI Anno Initial H Open T Shut-Ir	MMARY otation tydro-static To Flow (1)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi 2nd Shut-in 60 Mi Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T	MMARY otation tydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
2nd Opening 30 f 2nd Shut-in 60 M Pressure vs. The Pressure vs. The Pressu	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	Time (Min.) 0 3 91 92 122	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 M Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	Time (Min.) 0 3 32 91 92 122 182	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi 2nd Shut-in 60 Mi Pressure vs. Ti	nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi 2nd Shut-in 60 Mi 2nd Shut-in 60 Mi Pressure vs. The Pressure vs. The Pr	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2) tydro-static	
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS Depictment Trap Trap Trap Trap Trap Trap Trap Trap	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Final H Final H	MMARY otation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2) tydro-static	Gas Rale (Mct/d)
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS Pressure vs. TS Pressure vs. TS Pressure vs. TS TTS TTS TTS TTS TTS TTS TTS	nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Final H Final H	MMARY otation tydro-static To Flow (1) h(1) To Flow (2) h(2) hut-In(2) tydro-static	Gas Rate (Mct/d)
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. TS	Nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Final H Final H	MMARY otation tydro-static To Flow (1) h(1) To Flow (2) h(2) hut-In(2) tydro-static	Gas Rate (Mct/ơ)
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. The Pressure vs. The Pres	Nutes-Very weak blow back Vinutes-Strong blow built bottor inutes-Very weak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Final H Final H	MMARY otation tydro-static To Flow (1) h(1) To Flow (2) h(2) hut-In(2) tydro-static	Gas Rate (Mct/d)
1st Shut-in 60 Mi 2nd Opening 30 I 2nd Shut-in 60 Mi Pressure vs. Ti Pressure vs. Ti Pressure vs. Ti Transformed T	Nutes-Very w eak blow back Vinutes-Strong blow built bottor inutes-Very w eak blow back	m of bucket in 11	Pressure (psia) 1739.28 63.80 110.98 1282.80 118.89 148.82 1248.61	RESSUF Temp (deg F) 105.74 106.26 106.40 109.24 109.01 110.45 113.80 113.87	RE SUI Anno Initial H Open T Shut-Ir End Sh Final H Final H	MMARY otation tydro-static To Flow (1) h(1) To Flow (2) h(2) hut-In(2) tydro-static	Gas Rate (Mct/d)

Superior Testers Enterprises LLC

	ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27	-30s-6w	Kingman	1
	COTE!	Po Box 40 Spivey KS 6714	2+0040	Cra	ane B#	3	
				Job	Ticket: 1	8734	DST#: 2
E Pierro		ATTN: Tim Pierle		Tes	st Start: 2	012.01.29 @	0 15:37:00
GENERA	L INFORMATION:						
Formation:	KC "Dennis" + "KC"						
Deviated:	No Whipstock: pened: 17:36:00	ft (KB)					al Bottom Hole (Initial)
	inded: 23:03:00	a san la gh ^a rt				Jared Sche 3320-Pratt-	
nterval:	3646.00 ft (KB) To 370						
Total Depth				Rei	ference El	evations:	1420.00 ft (KB) 1410.00 ft (CF)
-lole Diamet					KB	to GR/CF:	10.00 ft
Serial #:	8525					adiosta -	
ress@Rur	Depth: 1299.27 psia	@ ft (KB)		Capacity	<i>ı</i> :		5000.00 psia
Start Date:	2012.01.29	End Date:	2012.01.29	Last Cali	ib.:		2012.01.29
Start Time:	15:38:00	End Time:	23:03:00	Time On		2012.01.29	
				Time Off	BIM:	2012.01.29	@ 20:37:00
	2nd Opening 30 N	nutes-Very weak blow back /inutes-Strong blow built both nutes-Very weak blow back	om of bucket in 11		PESSIE		
F	2nd Opening 30 N 2nd Shut-in 60 Mi	/inutes-Strong blow built both nutes-Very weak blow back		PI	2.00 m 2.00 (2.00 (2.00))	RE SUMM	
2000	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.)		RESSUF Temp (deg F)	RE SUMM	
7720	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0	Pr Pressure (psia) 1783.86	Temp (deg F) 108.15	Annotatio	on o-static
Ę	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 170 0 2	Pressure (psia) 1783.86 107.78	Temp (deg F) 108.15 107.56	Annotatio Initial Hydro Open To F	on o-static
1720	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 70 0 2	Pr Pressure (psia) 1783.86	Temp (deg F) 108.15	Annotatio Initial Hydro Open To F Shut-In(1)	o-static low (1)
1739	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.) ∞ 2 33 91 77 77 92	Pressure (psia) 1783.86 107.78 158.30	Temp (deg F) 108.15 107.56 107.40	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In	o-static Iow (1) n(1)
1739	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	/inutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 92 122	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2)	on o-static ilow (1) n(1) low (2)
173	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static ilow (1) n(1) low (2) n(2)
1723	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static ilow (1) n(1) low (2) n(2)
173 173 173 173 173 173 173 173	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static ilow (1) n(1) low (2) n(2)
1773 1773 1779 1779 1779 1779 1779	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. Th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static ilow (1) n(1) low (2) n(2)
1733 1735 17 17 17 17 17 17 17 17 17 17 17 17 17 1	2nd Opening 30 N 2nd Shut-in 60 Mi	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static ilow (1) n(1) low (2) n(2)
1733 1735 17 17 17 17 17 17 17 17 17 17 17 17 17 1	2nd Opening 30 M 2nd Shut-in 60 Mi	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	on o-static ilow (1) n(1) low (2) n(2)
200 709 709 200 200 200 200 200 200 200 200 200 2	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The sections of the section of th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
1733 1735 17 17 17 17 17 17 17 17 17 17 17 17 17 1	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The BEGINNARY THE (PLAN) THE (PLAN) Description	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
173	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The Pressure vs. The Press	Ainutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
173 229 239 240 259 259 259 259 259 259 259 259	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The BEGINNARY THE (PLAN) THE (PLAN) Description	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
173 173 123 123 123 123 124 125 125 125 125 125 125 125 125	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The sectors of the sector of the secto	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
173 229 239 299 299 299 299 299 29	2nd Opening 30 N 2nd Shut-in 60 Mi Pressure vs. The sections of the section of th	Anutes-Strong blow built both nutes-Very weak blow back	Time (Min.) 0 2 33 91 92 122 182 7 184	Pressure (psia) 1783.86 107.78 158.30 1330.54 166.73 197.58 1299.27	Temp (deg F) 108.15 107.56 107.40 110.01 109.71 111.01 114.26 114.46	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) o-static

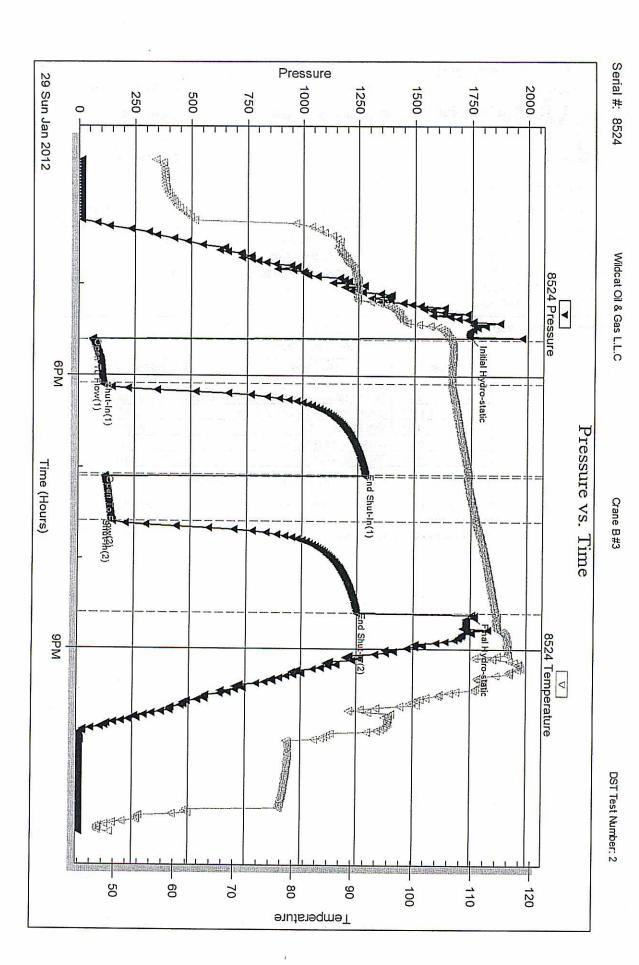
JPERIO		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRA
ENTERPRISES LLC	1 1 1 2 1 4 ¹⁰ 1	Wildcat	Oil & Gas L.	L.C		27-30s-6w Kingmai	1
		Po Box	40 Spivey K	S 67142+0040		Crane B #3	
						Job Ticket: 18734	DST#: 2
		ATTN:	Tim Pierle			Test Start: 2012.01.29 (@ 15:37:00
Tool Information							
Drill Pipe: Length:	3515.00 ft	Diameter:	3.80 ir	nches Volume:	49.31 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 ir	nches Volume:	0.00 bbl		
Drill Collar: Length:	120.00 ft	Diameter:	2.25 ir	nches Volume:	0.59 bbl		
Drill Pipe Above KB:	9.00 ft			Total Volume:	49.90 bbl	Tool Chased	1.00 ft
Depth to Top Packer:	3646.00 ft					String Weight: Initial	62000.00 lb
Depth to Bottom Packer:	5040.00 ft					Final	63000.00 lb
Interval between Packers:							
Tool Length:	74.00 ft						
Number of Packers:	2	Diameter:	6.75 ir	ches			
Tool Comments: Ruined pa	cker .	1.47.0					
Tool Description	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
SHut-InTool		5.00	NOTES E	Inside	3631.00	<u> </u>	
Hydrolic Tool		5.00			3636.00		
Packer		5.00			3641.00	20.00	Bottom Of Top Packer
Packer		5.00			3646.00	20.00	Bollon Of Top Facker
Anchor		0.00			3646.00		
Change Over Sub		0.75					
Drill Pipe		32.50		0.1.11	3646.75		
Change Over Sub				Outside	3679.25		
Anchor		0.75		Outside	3680.00		
		15.00		a shara	3695.00		
Recorder		1.00	8524	Inside	3696.00		
		1.00	8525	Outside	3697.00		
		3.00	Fi bi ≤ t		3700.00	54.00 Bo	ttom Packers & Anchor
Recorder Bullnose Total Tool	Length:	1.00 3.00 74.00	8525	Outside		54.00 Bo	ttom Packers & An

SPERIO	A CONTRACTOR OF A CONTRACTOR	ILL STEM TEST REPORT			FLUID	SUMMAR
ENTERPRISES LLC	Wildca	at Oil & Gas L.L.C	27-30s-6w	Kingman	1	
	200 S	x 40 Spivey KS 67142+0040	Crane B #	3		
CSTER		x 40 Spivey NS 07 142+0040			3	
			Job Ticket: 18	8734	DST#:2	2
	ATTN:	Tim Pierle	Test Start: 20	012.01.29@1	15:37:00	
lud and Cushion Info	ormation		in an			
lud Type: Gel Chem		Cushion Type:		Oil API:		deg AF
lud Weight: 9.00 l		Cushion Length:	ft	Water Salinity:		ppm
iscosity: 45.00 s		Cushion Volume:	bbl			
Vater Loss: 10.38 i	n³	Gas Cushion Type:				
	ohm.m	Gas Cushion Pressure:	psia			
alinity: 8000.00 p	pm					
ilter Cake: 1.00 i	nches			ч.		
ecovery Information	1	an the design of the second				
	Langth	Recovery Table				
	Length ft	Description	Volume bbl			
	90.00	Spot oil cut mud 2% oil 28% water 70% mud	0.443	2		
	120.00	Muddy water 40%mud 60%water	1.410			
V 81.1	0.00	Chlorides 90,000	0.000			
	0.00	Resistiviy .15 @58 degrees	0.000	d^{2}		
	0.00	360 Feet gas in pipe	0.000			
	and Dalling and Dalling		0.000			
Nu	m Fluid Samples: 0	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0	Serial #:			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name:	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location:	50 E			
- Nui Lat	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
- Nui Lat	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
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Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
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Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
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Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
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Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			
Nui Lat Rei	m Fluid Samples: 0 boratory Name: covery Comments: Ru	0.00 ft Total Volume: 1.853 bbl Num Gas Bombs: 0 Laboratory Location: uined packer	Serial #:			

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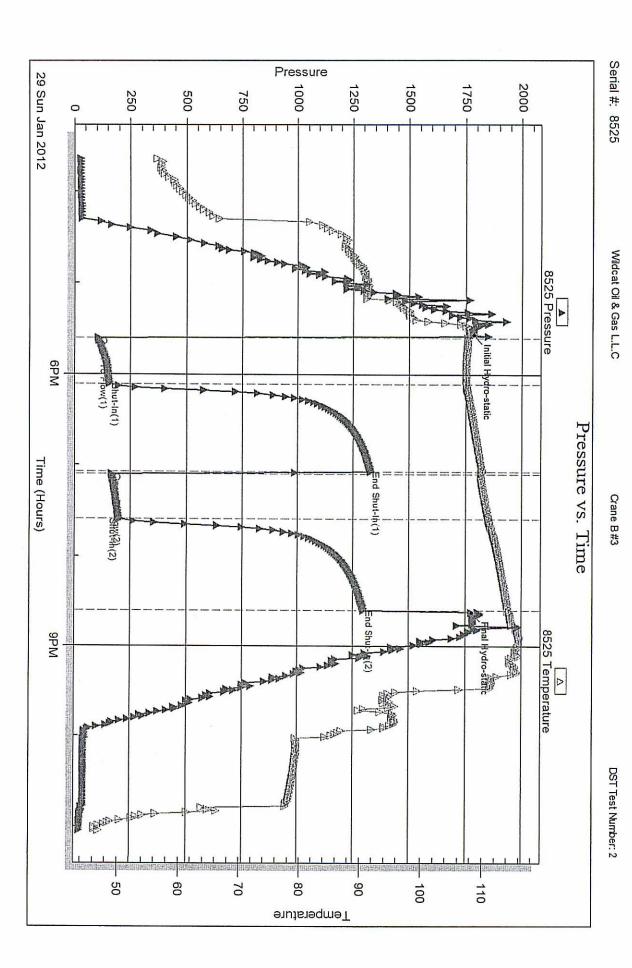
Superior Testers Enterprises LLC Ref. No: 18734

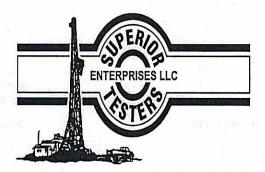


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Superior Testers Enterprises LLC Ref. No: 18734





DRILL STEM TEST REPORT

Prepared For: Wildcat Oil & Gas L.L.C

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.30 @ 05:30:00 End Date: 2012.01.30 @ 11:43:30 Job Ticket #: 18735 DST #: 3

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27	-30s-6w	Kingma	an	
- KOTERS	Po Box 40 Spivey KS 67142+	0040	Cr	ane B#	3		
			Job	Ticket: 1	8735	DST#	#: 3
	ATTN: Tim Pierle		Te	st Start: 2	012.01.30	@ 05:30:00	
GENERAL INFORMATION:		and and a second se					
Formation: KC-Hertha							
Deviated: No Whipstock: Time Tool Opened: 07:07:00	ft (KB)					onal Bottom H	lole (Initial)
Time Test Ended: 11:43:30				ster: t No:	Jared Sch 3320-Prat		
Interval: 3701.00 ft (KB) To 37							
Total Depth: 3715.00 ft (KB) (TV			Rei	erence E	evations:		00 ft (KB) 00 ft (CF)
	e Condition: Fair			KB	to GR/CF:		0 ft
		6426 (1996) - 4645 (19	South Charles				(***)
Serial #: 8524 Press@RunDepth: 84.56 psia		1.169.21.26	142				
Press@RunDepth: 84.56 psia Start Date: 2012.01.30	@ ft (KB) End Date:	2012 01 22	Capacity				0 psia
Start Time: 05:31:00	End Time:	2012.01.30 11:43:30	Last Cal		0040.04.0	2012.01.3	
00.01.00		11.43.30	Time On Time Off	1773 (PA 174)		80 @ 07:06:0 80 @ 10:07:3	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T		n of bucket in 2		RESSUF	RE SUM	MARY	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	n of bucket in 2		RESSUF	RE SUM	MARY	
2nd Opening 30 2nd Shut-in 60 M	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time	Pressure	Temp	RE SUM		
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time	P		Annota	ition	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0	Pressure (psia)	Temp (deg F)	Annota Initial Hyd	ation dro-static	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31	P Pressure (psia) 1873.26 38.47 70.42	Temp (deg F) 100.22 100.81 116.86	Annota Initial Hyd Open To Shut-In(1	ation dro-static Flow (1) 1)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90	Pressure (psia) 1873.26 38.47 70.42 1414.79	Temp (deg F) 100.22 100.81 116.86 118.56	Annota Initial Hyd Open To Shut-In(1 End Shut	ation dro-static Flow (1) 1) t-ln(1)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22	Temp (deg F) 100.22 100.81 116.86 118.56 118.09	Annota Initial Hyd Open To Shut-In(1 End Shut Open To	ation dro-static Flow (1) 1) t-ln(1) Flow (2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87	Annota Initial Hyd Open To Shut-In(1 End Shut Open To Shut-In(2	ation dro-static Flow (1) 1) t-In(1) Flow (2) 2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22	Temp (deg F) 100.22 100.81 116.86 118.56 118.09	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Open To Shut-In(2 End Shut	ation Flow (1) 1) t-In(1) Flow (2) 2) t-In(2)	
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rate (Mct/d)
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T The frame of the frameo	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rate (Mct/d)
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rale (Mct/d)
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T The Pressure vs. T The	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rate (Mct/d)
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rate (Mct/d)
2nd Opening 30 2nd Shut-in 60 M Pressure vs. T The first of the second s	Minutes-Strong blow built bottom finutes-2 1/2 inch blow back	Time (Min.) 0 1 31 90 92 120 181	Pressure (psia) 1873.26 38.47 70.42 1414.79 69.22 84.56 1414.10	Temp (deg F) 100.22 100.81 116.86 118.56 118.09 121.87 122.52 120.49	Annota Initial Hyd Open To Shut-In(7 End Shut Gpen To Shut-In(2 End Shut Final Hyd	ation dro-static P Flow (1) 1) t-In(1) Flow (2) 2) t-In(2) dro-static	Sas Rate (Mct/d)

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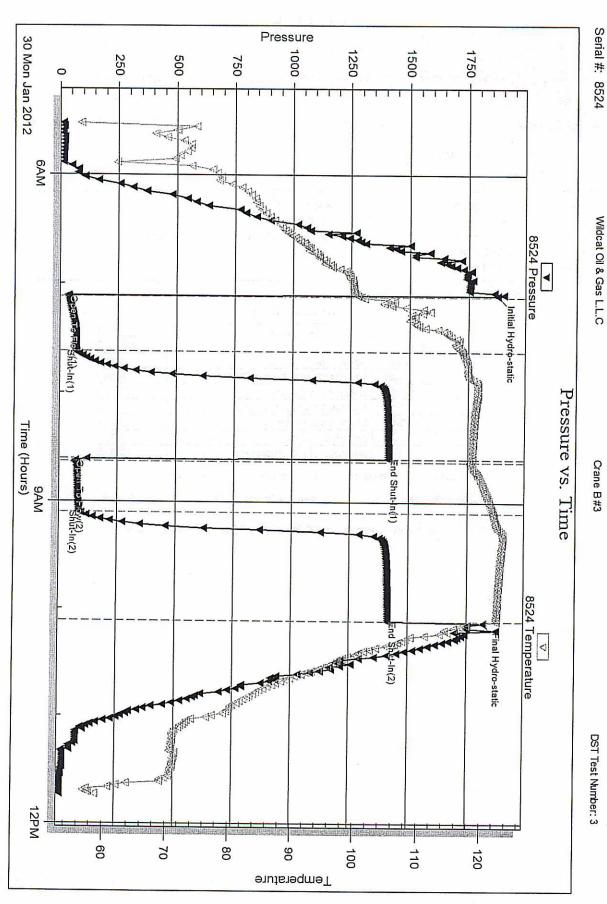
	ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27-30s-	6w Kingman	
	T COTER	Po Box 40 Spivey KS 671	42+0040	Crane	B #3	
				Job Ticke	et: 18735	DST#:3
		ATTN: Tim Pierle		Test Sta	rt: 2012.01.30@	05:30:00
GENERA	L INFORMATION:					
	KC-Hertha No Whipstock: Opened: 07:07:00 Inded: 11:43:30	ft (KB)		Test Typ Tester: Unit No:	e: Conventiona Jared Sched 3320-Pratt-1	
Interval: Total Depth:	3701.00 ft (KB) To 371 3715.00 ft (KB) (TV			Reference	ce Elevations:	1420.00 ft (KB) 1410.00 ft (CF)
Hole Diamet	ter: 7.88 inchesHole	Condition: Fair			KB to GR/CF:	10.00 ft
Start Date: Start Time: TEST CO	2012.01.30 05:31:00 MMENT: 1st Opening 30 M	End Date: End Time: inutes-Fair blow bult botton	2012.01.30 11:44:00 n of bucket in 16 mir	Capacity: Last Calib.: Time On Btm: Time Off Btm: putes	2012.01.30	
	2nd Opening 30 N	utes-Weak blow back finutes-Strong blow built bo nutes-2 1/2 inch blow back	ttom of bucket in 2			
	2nd Opening 30 N 2nd Shut-in 60 Mir Pressure vs. Tin	utes-Weak blow back finutes-Strong blow built bo nutes-2 1/2 inch blow back	ttom of bucket in 2	minutes	SURE SUMM	ARY
2000 1730 750 750 750 750 750 750 750 750 750 75	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The	utes-Weak blow back finutes-Strong blow built bo nutes-2 1/2 inch blow back	Time (Min.) 	PRES Pressure Ter (psia) (de 1916.53 100 74.40 100 116.89 122 1463.97 122 115.92 120 139.66 122 1468.12 122		on o-static low (1) n(1) low (2) n(2)
	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. Tir	iutes-Weak blow back finutes-Strong blow built bc hutes-2 1/2 inch blow back	Time (Min.) 	PRES Pressure Ter (psia) (de 1916.53 100 74.40 100 116.89 122 1463.97 122 115.92 120 139.66 122 1468.12 122	mp Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir	on o-static low (1) n(1) low (2) n(2)
773 773 773 773 773 773 773 773	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Comment of the second seco	volume (bbl)	Time (Min.) 	minutes PRES Pressure Tei (psia) (de 1916.53 10) 74.40 10 116.89 124 1463.97 122 115.92 124 139.66 122 1468.12 124 1858.66 127	MP Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir 1.35 Final Hydro Gas Rates	on o-static low (1) n(1) low (2) n(2)
173 173 173 173 173 173 173 173	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The Pres	volume (bbl)	Time (Min.) 	minutes PRES Pressure Tei (psia) (de 1916.53 10) 74.40 10 116.89 124 1463.97 122 115.92 124 139.66 122 1468.12 124 1858.66 127	MP Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir 1.35 Final Hydro Gas Rates	on o-static low (1) n(1) low (2) n(2) o-static
779 779 779 779 779 779 779 779	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The Pres	volume (bbl)	Time (Min.) 	minutes PRES Pressure Tei (psia) (de 1916.53 10) 74.40 10 116.89 124 1463.97 122 115.92 124 139.66 122 1468.12 124 1858.66 127	MP Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir 1.35 Final Hydro Gas Rates	on o-static low (1) n(1) low (2) n(2) o-static
Length (ft) 45.00 0.00 120.00	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The Pres	volume (bbl) Volume (bbl) 0.22 70%mud 0.00	Time (Min.) 	minutes PRES Pressure Tei (psia) (de 1916.53 10) 74.40 10 116.89 124 1463.97 122 115.92 124 139.66 122 1468.12 124 1858.66 127	MP Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir 1.35 Final Hydro Gas Rates	on o-static low (1) n(1) low (2) n(2) o-static
220 220 220 220 200 200 200 200	2nd Opening 30 M 2nd Shut-in 60 Mir Pressure vs. The Pressure vs. The Pres	volume (bbl) Volume (bbl) 0.22 70%mud 0.00 1.00	Time (Min.) 	minutes PRES Pressure Tei (psia) (de 1916.53 10) 74.40 10 116.89 124 1463.97 122 115.92 124 139.66 122 1468.12 124 1858.66 127	MP Annotatic g F) 0.37 Initial Hydro 1.93 Open To Fl 0.81 Shut-In(1) 2.85 End Shut-Ir 0.63 Open To Fl 2.91 Shut-In(2) 4.96 End Shut-Ir 1.35 Final Hydro Gas Rates	on o-static low (1) n(1) low (2) n(2) o-static

			Oil & Gas L				0	TOOLD	AUNA
ENTERPRISES LLC		VVIdCat	Oll & Gas L.	L.C		27-3	0s-6w Kingn	nan	
COTER?	10000000000000000000000000000000000000	Po Box	40 Spivey K	S 67142+0040		Cra	ne B #3		
						Job T	icket: 18735	DST#:3	
		ATTN:	Tim Pierle			Test	Start: 2012.01.	30 @ 05:30:00	
Tool Information		-							
Drill Pipe: Length:	3580.00 ft	Diameter:	3.80 i	nches Volume:	50.22 bb	l To	ool Weight:	1000.00 lb	
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 i	nches Volume:	0.00 bb	i v	leight set on Par	cker: 20000.00 lb	
Drill Collar: Length:	120.00 ft	Diameter:	2.25 i	nches Volume:	0.59 bb	I V	leight to Pull Loc	ose: 70000.00 lb	
Drill Pipe Above KB:	19.00 ft			Total Volume:	50.81 bb	To To	ool Chased	1.00 ft	
Depth to Top Packer:	3701.00 ft					S	tring Weight: Ini	tial 62000.00 lb	
Depth to Bottom Packer:	S701.00 ft						J Fir	nal 63000.00 lb	
Interval between Packers:	14.00 ft							(.)	
Tool Length:	34.00 ft								
Number of Packers:	2	Diameter:	6.75 i	nches					
Tool Comments: ruined pac		Diamotol.	0.75 1						
Fool Description	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. L	engths		
SHut-InTool	2000 / 201122 - 201	5.00	<i>X</i>	Inside	3686.00	e 11 - 21			
Hydrolic Tool		5.00			3691.00				
Packer		5.00			3696.00		20.00	Bottom Of To	n Packer
Packer		5.00			3701.00		20.00	Bollonionite	pracker
Anchor		9.00			3710.00				
Recorder		1.00	8524	Inside	3711.00				
Recorder		1.00	8525	Outside	3712.00				
Bullnose		3.00	0525	Outside			44.00		
		and the second second	tation in the		3715.00		14.00	Bottom Packers &	Anchor
Total Tool	Length:	34.00							

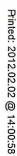
PEN/	DR	ILL STEM TEST REPORT	Г		FLUID S	UMMAF
ENTERPRISES LLC	Wildca	t Oil & Gas L.L.C	27-30s-6w	Kingman		
	Do Rea	40 Spinou KS 67142:0040	Crane B #	+2		
CSTEN.	P0 B0	k 40 Spivey KS 67142+0040			1	
			Job Ticket:	18735	DST#:3	
	ATTN:	Tim Pierle	Test Start: 2	2012.01.30 @ (05:30:00	
lud and Cushion Info	rmation					
Aud Type: Gel Chem		Cushion Type:		Oil API:		deg API
Nud Weight: 9.00 lb	/gal	Cushion Length:	ft	Water Salinity	:	ppm
/iscosity: 45.00 se		Cushion Volume:	bbl			
Vater Loss: 10.38 in	3	Gas Cushion Type:				
	hm.m	Gas Cushion Pressure:	psia			
alinity: 8000.00 p ilter Cake: 1.00 in	The second se					
Recovery Information						
tecovery mormation		Recovery Table				
	Length	Description	Volume	1		
	ft		bbl			
	45.00	Gassy water cut mud	0.22	1		
	0.00	10%gas 1%oil 19%w ater 70%mud	0.000	2		
	120.00	Gasst mud cut w ater	1.000	2		
-	0.00	10%gas 20%mud 70%w ater	0.000			
	0.00	540 feet gas in pipe	0.000	-		
	0.00	chlorides 75,000	0.000			
			the second se			
	0.00	resistivity .15 @ 60 degrees	0.000	<u>)</u>		
Nun Lab	0.00 al Length: 165 n Fluid Samples: 0 oratory Name:	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location:	0.000 Serial #			
Nun Lab	0.00 al Length: 165 n Fluid Samples: 0 oratory Name:	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0	0.000 Serial #			
Nun Lab	0.00 al Length: 165 n Fluid Samples: 0 oratory Name:	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location:	0.000 Serial #			
Nun Lab	0.00 al Length: 165 n Fluid Samples: 0 oratory Name:	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location:	0.000 Serial #			
Nun Lab	0.00 al Length: 165 n Fluid Samples: 0 oratory Name:	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location:	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Nun Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location:	0.000 Serial #			
Num Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Nun Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Nun Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Nun Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			
Nun Lab Rec	0.00 al Length: 165 n Fluid Samples: 0 oratory Name: overy Comments: Cł	resistivity .15 @ 60 degrees .00 ft Total Volume: 1.221 bbl Num Gas Bombs: 0 Laboratory Location: nlorides 75,000 Resistivity .15@60 Degrees/ru	0.000 Serial #			

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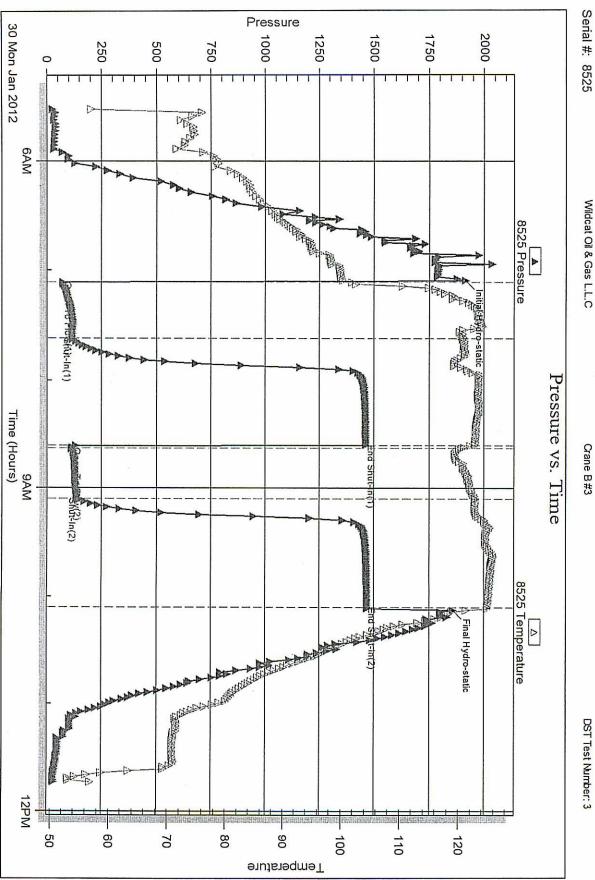
Superior Testers Enterprises LLC Ref. No: 18735



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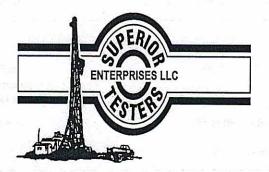
Superior Testers Enterprises LLC Ref. No: 18735



Wildcat Oil & Gas L.L.C

Crane B#3

DST Test Number: 3



DRILL STEM TEST REPORT

Prepared For:

Wildcat Oil & Gas L.L.C

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

 Start Date:
 2012.01.31 @ 08:10:00

 End Date:
 2012.01.31 @ 15:05:00

 Job Ticket #:
 18736
 DST #: 4

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

Printed: 2012.02.02 @ 14:01:11

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Crane B #3

DST # 4

Mississippi

2012.01.31

ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27-	30s-6w Ki	ngman	
- COTES	Po Box 40 Spivey KS 67142+	-0040	Crane B #3			
	ATTN: Tim Pierle	Job Ticket: 18736 DST#:4 Test Start: 2012.01.31 @ 08:10:00				
GENERAL INFORMATION:						
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 10:00:00 Time Test Ended: 15:05:00	ft (KB)		Tes	ter: Jai	nventional Botto red Scheck 20-Pratt-135	m Hole (Initial)
nterval: 4103.00 ft (KB) To 4 otal Depth: 4138.00 ft (KB) (T lole Diameter: 7.88 inchesHol			Ref	erence Eleva KB to (141	0.00 ft (KB) 0.00 ft (CF) 0.00 ft
Serial #: 8524 ress@RunDepth: 210.04 psia tart Date: 2012.01.31 tart Time: 08:11:00	End Date: End Time:	2012.01.31 15:05:00	Capacity Last Calil Time On Time Off	b.: Btm: 20 Btm: 20	2012.0 12.01.31 @ 09:5 12.01.31 @ 13:0	9:00 3:30
1st Shut-in 60 M	inutes-Yes				urface 4 minutes	
2nd Opening 30 2nd Shut-in 60 N Pressure vs. 1	Inutes-Yes Minutes-Strong blow built botton Minutes-Yes	n of bucket in le	ss then 1 min	RESSURE	SUMMARY	
Test Shut-in 60 M 2nd Opening 30 2nd Shut-in 60 M Pressure vs. 7	Inutes-Yes Minutes-Strong blow built botton Alinutes-Yes	n of bucket in les	ss then 1 min	RESSURE Temp (deg F) 118.79 In 118.30 C 119.50 S 123.26 E 122.75 O 123.79 S 126.59 E	SUMMARY Annotation itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(1) pen To Flow (2)	
Test Shut-in 60 M 2nd Opening 30 2nd Shut-in 60 M Pressure vs. 7 20 20 20 20 20 20 20 20 20 20 20 20 20	Ainutes-Yes Minutes-Strong blow built bottom Ainutes-Yes	Time (Min.) 0 1 32 91 93 123 183	Pressure (psia) 2162.40 213.33 216.69 1315.43 191.43 210.04 1293.36	RESSURE Temp (deg F) 118.79 In 118.30 C 119.50 S 123.26 E 122.75 O 123.79 S 126.59 E	SUMMARY Annotation itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(1) pen To Flow (2) hut-In(2) nd Shut-In(2) nal Hydro-static	
Test Shut-in 60 M 2nd Opening 30 2nd Shut-in 60 M Pressure vs. 7 Pressure vs. 7 P	Volume (bbl)	n of bucket in les Time (Min.) 0 1 32 91 93 123 183 183 185	Pressure (psia) 2162.40 213.33 216.69 1315.43 191.43 210.04 1293.36 2007.80	RESSURE Temp (deg F) 118.79 In 118.30 C 119.50 S 123.26 E 122.75 O 123.79 S 126.59 E 127.50 Fi 127.50 Fi	SUMMARY Annotation itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(1) pen To Flow (2) hut-In(2) nd Shut-In(2) nal Hydro-static	Gas Rate (Mcl/d)
Test Shut-in 60 M 2nd Opening 30 2nd Shut-in 60 M Pressure vs. 1 Pressure vs	Volume (bbl)	n of bucket in les	Pressure (psia) 2162.40 213.33 216.69 1315.43 191.43 210.04 1293.36 2007.80	RESSURE Temp (deg F) 118.79 In 118.30 C 119.50 S 123.26 E 122.75 O 123.79 S 126.59 E 127.50 Fi 127.50 Fi	SUMMARY Annotation itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(1) pen To Flow (2) hut-In(2) nd Shut-In(2) nal Hydro-static	Gas Rate (Mct/d) 370.19
Test Shut-in 60 M 2nd Opening 30 2nd Shut-in 60 N Pressure vs. 7 70 70 70 70 70 70 70 70 70 70 70 70 70	Volume (bbl)	n of bucket in les Time (Min.) 0 1 32 91 93 123 183 183 185	PF Pressure (psia) 2162.40 213.33 216.69 1315.43 191.43 210.04 1293.36 2007.80	RESSURE Temp (deg F) 118.79 In 118.30 C 119.50 S 123.26 E 122.75 O 123.79 S 126.59 E 127.50 Fi 127.50 Fi	SUMMARY Annotation itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(2) nd Shut-In(2) nd Shut-In(2) nal Hydro-static	Gas Rate (Mcl/d)

Superior Testers Enterprises LLC

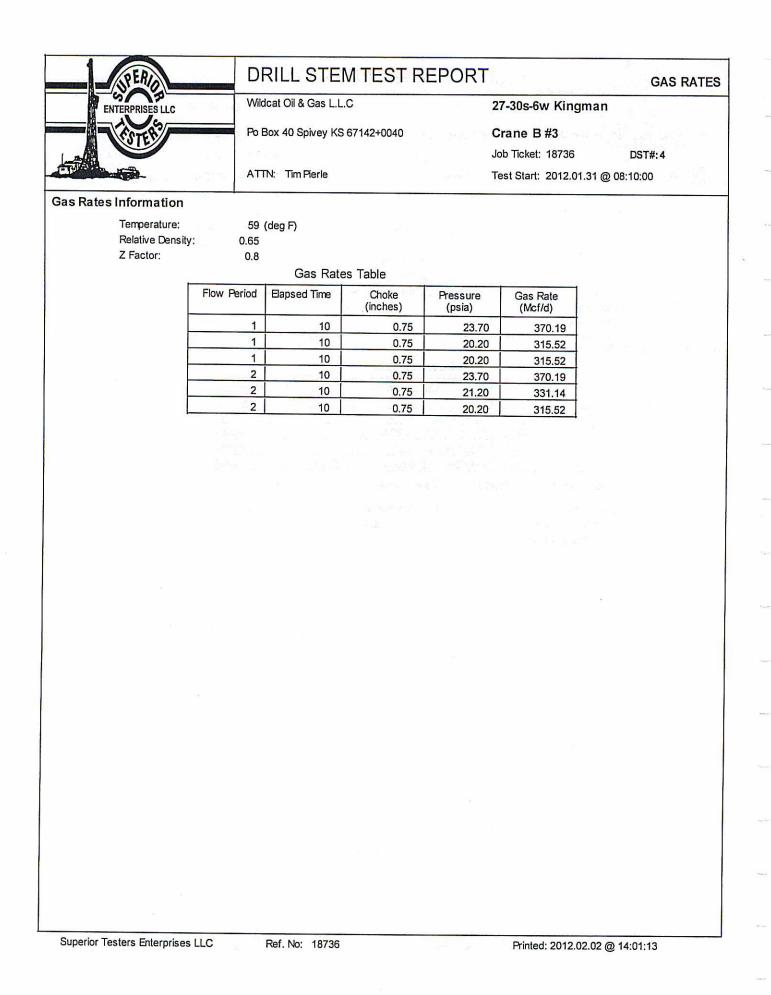
	NTERPRISES LLC	Wildcat Oil & Gas L.L.C		27	-30s-6w	Kingman		
	A COTER	Po Box 40 Spivey KS 67	Cr	Crane B#3				
	UT T	Saci	Job	Job Ticket: 18736 DST#:4			:4	
-TANA		ATTN: Tim Pierle		Tes	st Start: 20	012.01.31 @	08:10:00	
GENERAL	INFORMATION:							
	Mississippi No Whipstock: ened: 10:00:00 ded: 15:05:00	ft (KB)		Tes	ster:	Conventiona Jared Scheo 3320-Pratt-1	ck	lole (Initial)
nterval: ⁻ otal Depth: -lole Diamete	4103.00 ft (KB) To 41 4138.00 ft (KB) (TV r: 7.88 inchesHole	/D)		Ref	ference Ele KB t	evations:		0 ft (KB) 0 ft (CF) 0 ft
Press@RunE Start Date: Start Time: TEST CON	2012.01.31 08:11:00 IMENT: 1st Opening 30 M 1st Shut-in 60 Mi 2nd Opening 30	End Date: End Time: /inutes-Strong blow built bo nutes-Yes /inutes-Strong blow built b		0 Time On Time Off lees then 1 mir	ib.: Btm: 2 Btm: 2 nute Gas to	2012.01.31 2012.01.31	@ 13:03:3	1 D
	2nd Shut-in 60 N	ime		P	RESSUE	E SUMM	ARY	i -
220		ECE Temperature	Time	Pressure	Temp	Annotatio		
2000				(psia) 0 2206.49 2 258.93 2 265.98	(deg F) 119.00 119.68 119.73	Open To F		
			99 100 110 120 120 120 180 180 180 180 180 180 180 18	1 1368.78 3 240.23 3 266.39 4 1354.57	121.72 121.33 122.21 125.00 127.04	End Shut-Ir	low (2) n(2)	
700 700 700 700 700 700 700 700 700 700	Recovery		9 12 12 18 18 18 18 18	1 1368.78 3 240.23 3 266.39 4 1354.57	121.33 122.21 125.00 127.04	End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	low (2) n(2)	
roo 200 700 700 700 700 700 700 700 700 700	Time (Fisca) Recovery Description	Volume (bbl)	9 12 12 18 18 18 18 18 18 18 18 18 18	1 1368.78 3 240.23 3 266.39 4 1354.57 5 2051.43	121.33 122.21 125.00 127.04 Споке (н	End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro s Rates	re (psia)	Gas Rate (Mct/d)
rso cro rso rso rso rso rso rso rso rso rso r	Recovery Description Gas and mud cut w ater	Volume (bbl) 1.71	9 12 18 18 18 18 18	1 1368.78 3 240.23 3 266.39 4 1354.57 5 2051.43	121.33 122.21 125.00 127.04 Gas Chole (iii	End Shut-Ir Open To FI Shut-In(2) End Shut-Ir Final Hydro s Rates s Rates nches) Pressu	re (psia) 0 23.70	370.19
223 773 723 723 723 723 723 723 723 723	Time (Hans) Recovery Description	Volume (bbl) 1.71	9 12 18 18 18 18 18 18	1 1368.78 3 240.23 3 266.39 4 1354.57 5 2051.43	121.33 122.21 125.00 127.04 Gas Chole (in 0 0	End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro s Rates	re (psia)	

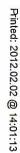
Superior Testers Enterprises LLC Ref. No: 18736

SPERIO		DRIL	L STEM TEST	REPOR	RΤ	TOOL DIAGRAM
ENTERPRISES LL	Bally i de se	Wildcat (Dil & Gas L.L.C	4	27-30s-6w Kingman	2.2
	i madisionadi T	Po Box 4	0 Spivey KS 67142+0040		Crane B #3	
					Job Ticket: 18736	DST#:4
		ATTN:	Tim Pierle		Test Start: 2012.01.31 @	08:10:00
Tool Information		-				
Drill Pipe: Length:	3987.00 ft	Diameter:	3.80 inches Volume:	55.93 bbl	Tool Weight:	1000.00 lb
leavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 inches Volume:	0.00 bbl	Weight set on Packer:	
Drill Collar: Length:	120.00 ft	Diameter:	2.25 inches Volume:	0.59 bbl	Weight to Pull Loose:	
Vill Fine Ahave KD	24.00.0		Total Volume:	56.52 bbl	Tool Chased	2.00 ft
Will Pipe Above KB:	24.00 ft					68000.00 lb
Pepth to Top Packer: Pepth to Bottom Packer:	4103.00 ft					69000.00 lb
terval between Packers:	ft 35.00 ft					
ool Length:	55.00 ft					
Jumber of Packers:	2	Diameter:	6.75 inches			
fool Comments:	2	Danielei.	0.75 mones			
concontrients.						
ool Description	Lei	ngth (ft) S	Serial No. Position	Depth (ft) A	ccum. Lengths	
Hut-InTool		5.00	Inside	4088.00	le rigine	the second strength
tydrolic Tool		5.00	inside	4093.00		
Packer		5.00				
Packer				4098.00	20.00	Bottom Of Top Packer
		5.00		4103.00		
Anchor		30.00		4133.00		
Recorder		1.00	8424 Inside	4134.00		
Recorder		1.00	8525 Outside	4135.00		
Bullnose	an an an think	3.00		4138.00	35.00 Bott	om Packers & Anchor

Ref. No: 18736

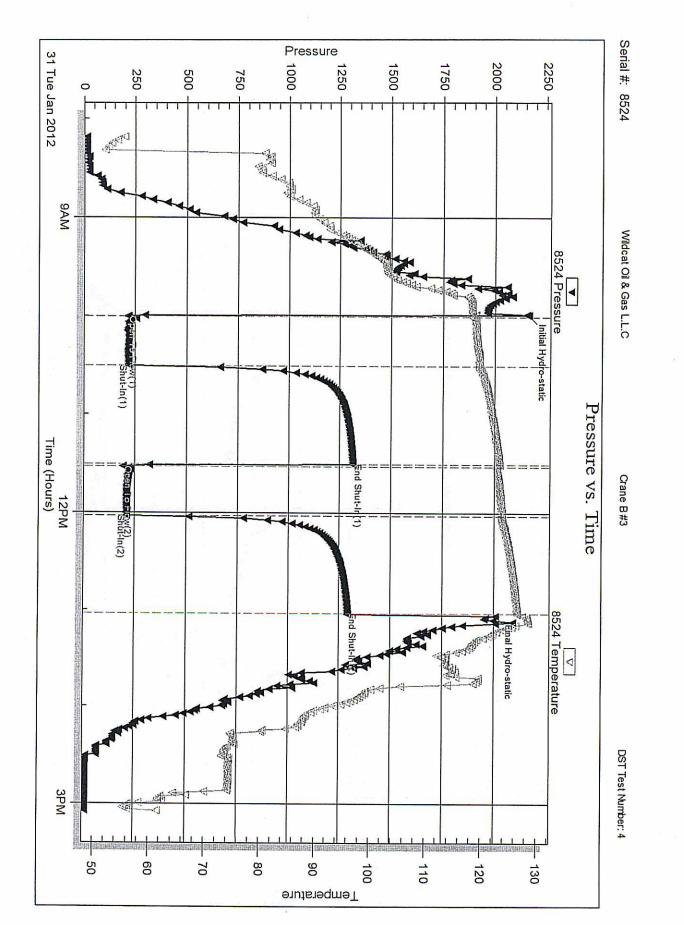
	DR	ILL STEM TEST REPOR	1	FLUI	D SUMMAR
ENTERPRISES LLC	Wildca	at Oil & Gas L.L.C	27-30s-6w	lingman	
	Po Bo	x 40 Spivey KS 67142+0040	Crane B #3		
A COTEV			Job Ticket: 18		#:4
		Tim Pierle		12.01.31 @ 08:10:0	
			Test Start. 20	12.01.31 @ 08.10.0	0
Mud and Cushion Information	1				
Mud Type: Gel Chem		Cushion Type:		il API:	deg API
Mud Weight: 9.00 lb/gal		Cushion Length:		Vater Salinity:	ppm
/iscosity: 51.00 sec/qt		Cushion Volume:	bbl		
Nater Loss: 19.98 in ³		Gas Cushion Type:			
Resistivity: ohm.m Salinity: 13000.00 ppm		Gas Cushion Pressure:	psia		
Salinity: 13000.00 ppm Filter Cake: 1.00 inches					
Recovery Information					
- 00 - 00 - 00 - 00 - 00 - 00 - 00 - 00		Recovery Table			
	ngth ft	Description	Volume		
	200.00	Gas and mud cut w ater	bbl		
	0.00	10%gas 30%mud 60%w ater	1.712		
	0.00	3787 ffet gas in piipi	0.000		
	0.00	Chlorides 70,000 resistivity .2 @58 degr	0.000		
Num Fluid Sar Laboratory N Recovery Col	ame:	Num Gas Bombs: 0 Laboratory Location:	Serial #:		





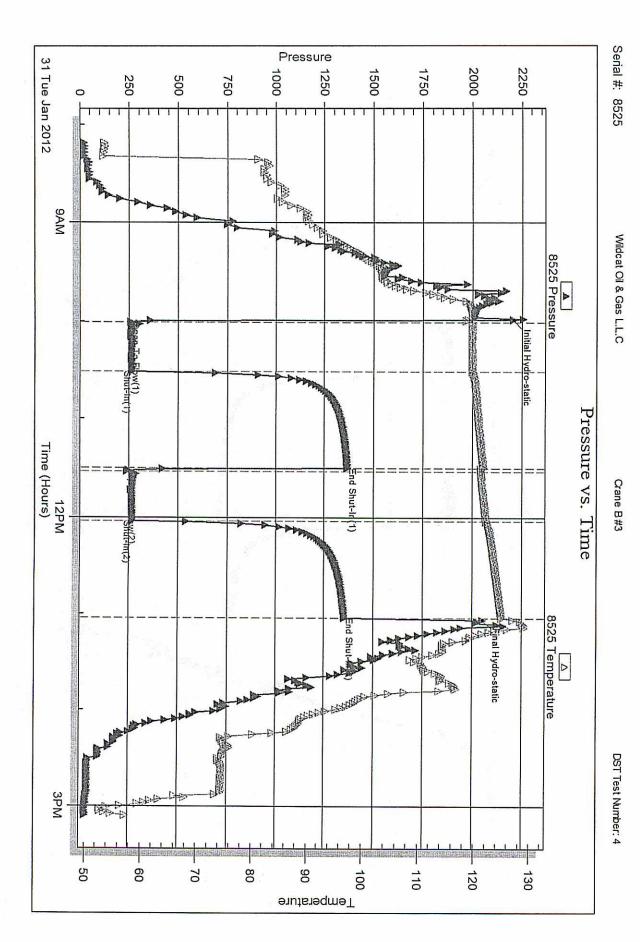
ses LLC Ref. No: 18736

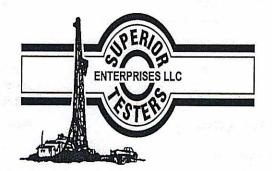
Superior Testers Enterprises LLC





Superior Testers Enterprises LLC Ref. No: 18736





DRILL STEM TEST REPORT

Prepared For:

Wildcat Oil & Gas L.L.C

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

 Start Date:
 2012.02.01 @ 08:10:00

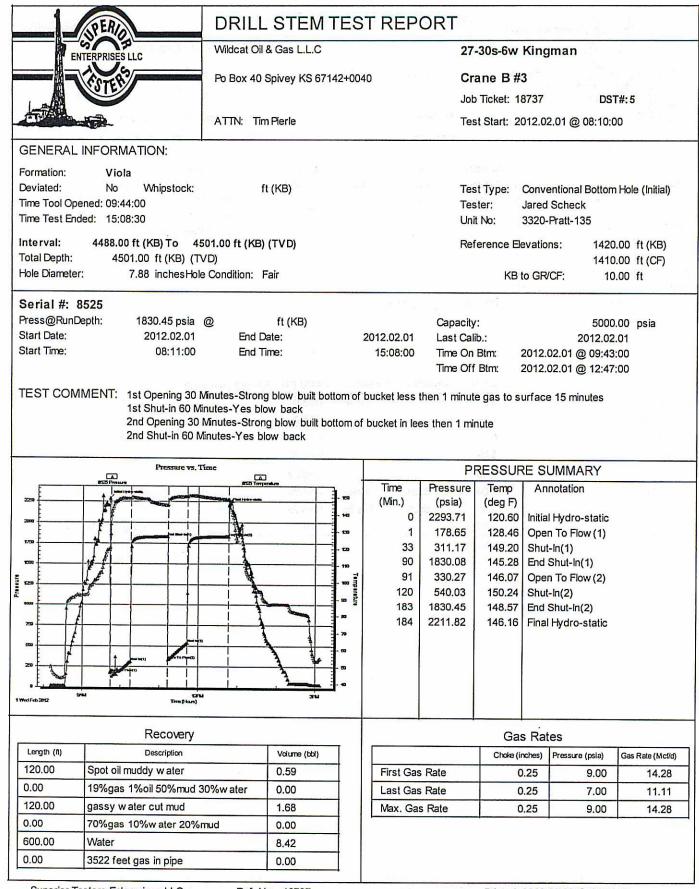
 End Date:
 2012.02.01 @ 15:08:30

 Job Ticket #:
 18737
 DST #:
 5

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

	DRILL STEM TES	SIKEP				
ENTERPRISES LLC	Wildcat Oil & Gas L.L.C		27-	30s-6w K	Gingman	
P COTENS	Po Box 40 Spivey KS 67142+0	Crane B #3				
		Job Ticket: 18737 DST#:5			T#:5	
A	ATTN: Tim Pierle	Test Start: 2012.02.01 @ 08:10:00				
GENERAL INFORMATION:						1
Formation: Viola						
Deviated: No Whipstock:	ft (KB)			10 CT101	conventional Botton	n Hole (Initial)
Time Tool Opened: 09:44:00 Time Test Ended: 15:08:30			Tes Unit		ared Scheck 320-Pratt-135	
Interval: 4488.00 ft (KB) To 4501. Total Depth: 4501.00 ft (KB) (TVD)			Ref	erence Elev		0.00 ft (KB) 0.00 ft (CF)
Hole Diameter: 7.88 inches Hole Co				KB to		0.00 ft
		no gyr ar ne Ca	CHREAD THAT IS			
Serial #: 8524						
Press@RunDepth: 462.75 psia @ Start Date: 2012.02.01	ft (KB)	00/0 07 7	Capacity			0.00 psia
Start Date: 2012.02.01 Start Time: 08:11:00	End Date: End Time:	2012.02.01	Last Calil		2012.02	
uart filles. 00.11.00		15:08:30	0 Time On Btm: 2012.02.01 @ 09:43:00 Time Off Btm: 2012.02.01 @ 12:47:00			
1st Shut-in 60 Minute 2nd Opening 30 Minu 2nd Shut-in 60 Minut	utes-Strong blow built bottom tes-Yes blow back	of bucket in lea	a - 19			
2nd Opening 30 Minu 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	of bucket in lea	a - 19		E SUMMARY	
2nd Opening 30 Minu 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time	Pressure	RESSURE Temp	E SUMMARY Annotation	
2nd Opening 30 Minu 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.)	Pr Pressure (psia)	RESSURE Temp (deg F)	Annotation	
2nd Opening 30 Minu 2nd Shut-in 60 Minut Pressure vs. Time	Ites-Yes blow back	Time (Min.) 0	Pressure (psia) 2281.56	RESSURE Temp (deg F) 119.36	Annotation Initial Hydro-static	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.)	Pr Pressure (psia)	RESSUR Temp (deg F) 119.36 123.46	Annotation Initial Hydro-static Open To Flow (1)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time 2m	section and the section and th	Time (Min.) 0 1	Pressure (psia) 2281.56 127.47	RESSUR Temp (deg F) 119.36 123.46 147.71	Annotation Initial Hydro-static	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	Ees-Yes blow back	Time (Min.) 0 1 33 90 91	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 91 120	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 91 120	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time 200 100 100 100 100 100 100 100	tes-Yes blow back	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Gas Rale (Mct/d)
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time Pressure vs. Time Pressu	Volume (bbl)	Time (Min.) 0 1 33 90 91 120 183	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67 2135.17	RESSUR Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65 144.65	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static Rates	Gas Rate (Mct/d) 14.28
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time Pressure vs. Time Pressu	Volume (bbl)	Time (Min.) 0 1 33 90 91 120 183 184	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67 2135.17	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65 144.65 Gas Choke (inc	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	Volume (bbl)	Time (Min.) 0 1 33 90 91 120 183 184	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67 2135.17	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65 144.65 Gas Choke (inc 0.2	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static Rates hes) Pressure (psia) 25 9.00	14.28
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time	Volume (bbl) Volume (bbl) 0.59 Sw ater 0.00 1.68	Time (Min.) 0 1 33 90 91 120 183 184 184 First Gas Last Gas	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67 2135.17	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65 144.65 Gas Choke (inc 0.2	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static Rates rhes) Pressure (psia) 25 9.00 25 7.00	14.28 11.11
2nd Opening 30 Minut 2nd Shut-in 60 Minut Pressure vs. Time 200 200 200 200 200 200 200 200 200 20	Volume (bbl) Volume (bbl) 0.59 Sw ater 0.00 1.68	Time (Min.) 0 1 33 90 91 120 183 184 184 First Gas Last Gas	Pressure (psia) 2281.56 127.47 245.53 1757.71 255.72 462.75 1755.67 2135.17	RESSURE Temp (deg F) 119.36 123.46 147.71 143.57 145.16 149.64 146.85 144.65 144.65 Gas Choke (inc 0.2	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static Rates rhes) Pressure (psia) 25 9.00 25 7.00	14.28 11.11

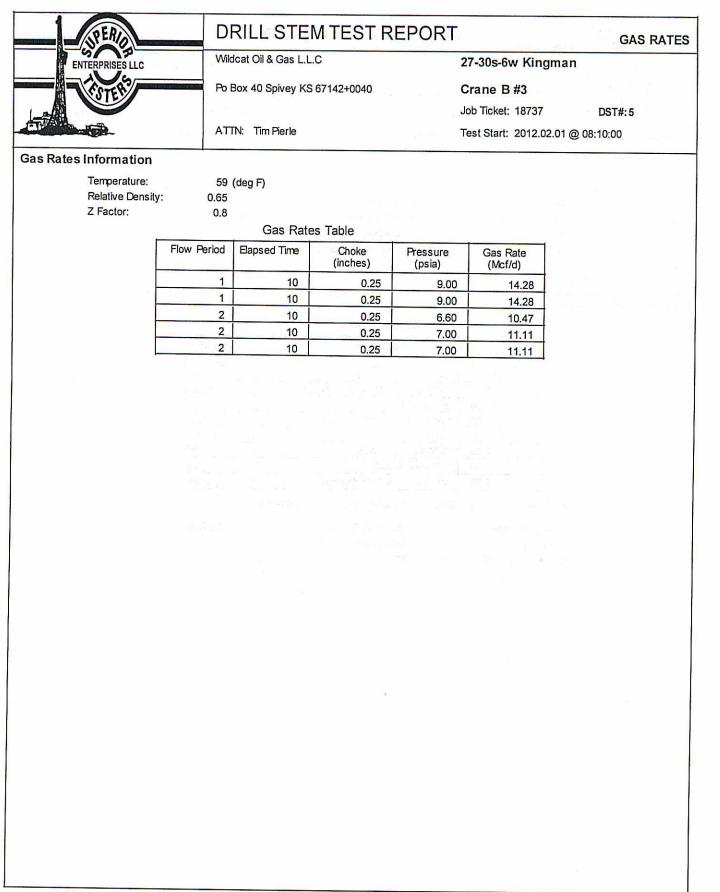
Superior Testers Enterprises LLC Ref. No: 18737

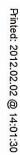


Superior Testers Enterprises LLC

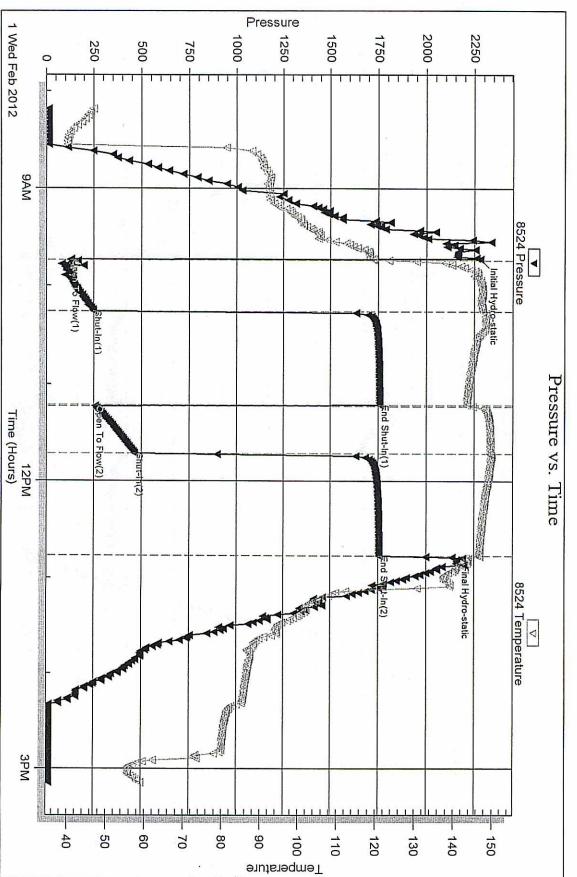
SPERI		DRIL	L STEM TEST	REPORT		TOOL	AGRA
ENTERPRISE	SLLC	Wildcat	Dil & Gas L.L.C	2 ¹¹	27-30s-6w Kingman	1997 - 1997 -	
	3/	Po Box 4	10 Spivey KS 67142+0040		Crane B #3		
		а 1915 г. –			Job Ticket: 18737	DST#:5	
		ATTN:	Tim Pierle		Test Start: 2012.02.01 @	08:10:00	
Tool Information			1. PP-				
Drill Pipe: Leng	th: 4362.00 ft	Diameter:	3.80 inches Volume:	61.19 bbl	Tool Weight:	1000.00 lb	
Heavy Wt. Pipe: Leng		Diameter:	0.00 inches Volume:		Weight set on Packer:		
Drill Collar: Leng	th: 120.00 ft	Diameter:	2.25 inches Volume:		Weight to Pull Loose:		
Drill Pipe Above KB:	14.00 ft		Total Volume:	61.78 bbl	Tool Chased	2.00 ft	
Depth to Top Packer:	4488.00 ft				String Weight: Initial	70000.00 lb	
Depth to Bottom Packe	International Contract Contract				Final	70000.00 lb	
Interval between Pack							
Tool Length:	33.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				
Tool Comments:							
Tool Description	Le	ngth (ft)	Serial No. Position	Depth (ft) Acc	um. Lengths		
		F 00	[13] M. L. L. M. M. M. MARLER, CO.	e l'étandere de			
		5.00	Inside	4473.00			
		5.00 5.00	Inside	4473.00 4478.00			
Hydrolic Tool			Inside	1005 Miles	20.00	Bottom Of To	p Packer
Hydrolic Tool Packer		5.00	Inside	4478.00	20.00	Bottom Of To	p Packer
Hydrolic Tool Packer Packer		5.00 5.00	Inside	4478.00 4483.00 4488.00	20.00	Bottom Of To	p Packer
SHut-InTool Hydrolic Tool Packer Packer Anchor Recorder		5.00 5.00 5.00	Inside 8524 Inside	4478.00 4483.00 4488.00 4496.00	20.00	Bottom Of To	p Packer
Hydrolic Tool Packer Packer Anchor		5.00 5.00 5.00 8.00	8524 Inside	4478.00 4483.00 4488.00 4496.00 4497.00	20.00	Bottom Of To	p Packer
Hydrolic Tool Packer Packer Anchor Recorder		5.00 5.00 5.00 8.00 1.00	8524 Inside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose	ool Length:	5.00 5.00 5.00 8.00 1.00 1.00	8524 Inside	4478.00 4483.00 4488.00 4496.00 4497.00		Bottom Of To	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose	ool Length:	5.00 5.00 5.00 8.00 1.00 1.00 3.00	8524 Inside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose	in li NA S	5.00 5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00			
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00	13.00 Bott		
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4488.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4486.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	
Hydrolic Tool Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 8.00 1.00 3.00 33.00	8524 Inside 8525 Outside	4478.00 4483.00 4486.00 4496.00 4497.00 4498.00 4501.00	13.00 Bott	om Packers &	

ENTERPRISES LLC	Wildca	at Oil & Gas L.L.C	27-30s-6w	Kingman	
ENIERPRISES LLC	Po Bo	x 40 Spivey KS 67142+0040	Crane B #	3	23 2 ⁸¹ -
	ATTN	Tim Pierle	Job Ticket: 1 Test Start: 2	8737 DST#: 012.02.01 @ 08:10:00	:5
ud and Cushion Info	rmation				
ud Type: Gel Chem		Cushion Type:		Oil API:	deg API
ud Weight: 9.00 lb	/gal	Cushion Length:	ft	Water Salinity:	ppm
scosity: 49.00 se	ec/qt	Cushion Volume:	bbl		
ater Loss: 10.39 in	3	Gas Cushion Type:			
esistivity: ol	hm.m	Gas Cushion Pressure:	psia		
alinity: 8000.00 p	pm		20. II. 29 - 00		
Iter Cake: 1.00 in	ches				
ecovery Information		1 1733 I.			
ſ		Recovery Table		1	
	Length ft	Description	Volume bbl		
	120.00	Spot oil muddy water	0.590		
	0.00	19%gas 1%oil 50%mud 30%w ater	0.000		
	120.00	gassy water cut mud	1.683		
	0.00	70%gas 10%w ater 20%mud	0.000		
	600.00	Water	8.416	0	
	0.00	3522 feet gas in pipe	0.000		
	0.00	Chlorides 90,000	0.000		
l	0.00	Resistivity .15 @58 degrees	0.000		
Tota	al Length: 84	0.00 ft Total Volume: 10.689 bl	ol		
	n Fluid Samples: 0 oratory Name:	Num Gas Bombs: 0 Laboratory Location:	Serial #		
	overy Comments: C				
		(*)			





Superior Testers Enterprises LLC Ref. No: 18737



Serial #: 8524

Wildcat Oil & Gas L.L.C

Crane B #3

DST Test Number: 5

Printed: 2012.02.02 @ 14:01:30

Superior Testers Enterprises LLC Ref. No: 18737

