

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1075395

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 Cast / 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:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Quarter Sec TwpS. R East
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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	1
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 Shi	acts)	Yes] No	Lc	og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes] No	Name	9		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes Yes] No] No] No					
List All E. Logs Run:								
					w Used rmediate, producti	ion etc		
Purpose of String	Size Hole Drilled	Size Casino Set (In O.D.	3	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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				ļ		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITIO	N OF C	GAS: METHOD OF COMPLE			TION:		PRODUCTION INTER	RVAL:		
Vented Sold		Jsed on Lease	Open Hole Perf. Dually (Submit A				Commingled (Submit ACO-4)			
(If vented, Subi	mit ACC)-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Connell, Mark Allen
Well Name	Willard A 5
Doc ID	1075395

Tops

Name	Тор	Datum
Anhydrite	370	1345
Topeka	2469	-754
Heebner	2732	-1017
Toronto	2753	-1038
Brown Lime	2853	-1138
Lansing KC A	2882	-1167
Lansing KC G	2965	-1250
Lansing KC J	3066	-1351
Base KC	3157	-1442
Arbuckle	3226	-1511
RTD	3245	-1530



PO Box 93999 Southlake, TX 76092

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

Bill To: John Jay Darrah Jr. Executive Center Bldg 225 N Market St, Sutie 300 Wichita, KS 67202

INVOICE

Invoice Number: 130051 Invoice Date: Jan 31, 2012 Page: 1

Federal Tax I.D.#: 20-8651475

and the second se	Customer ID Well Name/# or Customer P.O. Darrah Willard A #5		Payment Te	
Job Loo		Willard A #5 Camp Location S	Net 30 Da Service Date	Due Date
KS2-			an 31, 2012	3/1/12
		Description	Unit Price	Amount
Quantity 175.00	Item	Class A Common	16.25	2,843.75
CONTRACTOR CONTRACTOR	MAT	Gel	21.25	63.75
	MAT	Chloride	58.20	349.20
184.00		Handling	2.25	414.00
30.00		Mileage 184 sx @.11 per sk per mi	20.24	607.20
A SECRET AND A SEC	SER	Surface	1,125.00	1,125.00
30.00		Pump Truck Mileage	7.00	210.00
30.00		Light Vehicle Mileage	4.00	120.00
	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Dustin Chambers		
1.00	OPER ASSIST	Jimmy Henkle		
ALL PRICES AR	E NET, PAYABLE	Subtotal		5,732.90
30 DAYS FOLL	OWING DATE OF			237.74
	/2% CHARGED IF ACCOUNT IS	Total Invoice Amount		5,970.64
	E DISCOUNT OF			
\$142	7.74	TOTAL	5,970.64	
	ON OR BEFORE 5, 2012			

ALLIED CEMENTING CO., LLC. 042400 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: Gint Je TWP. 19 RANGE JOB START -31-12 SEC. CALLED OUT ON LOCATION JOB FINISH : OOP 1:30 pc COUNTY -STATE lord to F LOCATION Cha Suo M WELL# 70-OLD OR NEW (Circle one) 1 * in OWNER CONTRACTOR 91 Free ur TYPE OF JOB HOLE SIZE CEMENT '7 <u>/T.D.</u> AMOUNT ORDERED 55/8 CASING SIZE 76 DEPTH **TUBING SIZE** DEPTH 0 þ DRILL PIPE DEPTH TOOL DEPTH @16.25 2.843. PRES. MAX COMMON 175 MINIMUM MEAS. LINE SHOE JOINT POZMIX @ @ 21.25 CEMENT LEFT IN CSG GEL 63.75 PERFS. CHLORIDE L @ 58·20 319 DISPLACEMENT ASC @ EQUIPMENT **PUMP TRUCK** CEMENTER Fla HELPER BULK TRUCK # *3*7/1 DRIVER **BULK TRUCK**

REMARKS Ē pu O n1. 0.4 511 CHARGE TO: STREET ZIP CITY_ STATE _

DRIVER

DEPTH OF JOB	11	
SERV	ICE	,
	ΤΟΤΑΙ	4.277.90
MILEAGE 189 % 30 ×.11		607.30
HANDLING 184	@ <u>2.25</u>	414.00
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	@	
	@	
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	@	
	······ · · ·······	

DEPTH OF JOB $\cancel{1/25}$ $\cancel{2/0}$ PUMP TRUCK CHARGE $\cancel{1/25}$ $\cancel{2}$ EXTRA FOOTAGE @MILEAGE $\cancel{4}$ $\cancel{30}$ @ $\cancel{7.00}$ $\cancel{2/0.99}$ MANIFOLD @ $\cancel{1}$ $\cancel{30}$ @ $\cancel{4.00}$ $\cancel{120.99}$ @

TOTAL 1455.00

PLUG & FLOAT EQUIPMENT

 @	
@	
@	
 @	
@	

TOTAL _____

SALES TAX (If A	νuλ. μ.	
•	- 727 96	3
TOTAL CHARGE	<u> 3. 732. –</u>	
50%208	<u>5.732.94</u> 1.427.75	L
DISCOUNT		. IF PAID IN 30 DAYS
/	112.5 16	•
	4.305.14	-
	1 .	

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.

mani PRINTED NAME SIGNATURE *



PO Box 93999 Southlake, TX 76092

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

Bill To:

John Jay Darrah Jr. Executive Center Bldg 225 N Market St, Sutie 300 Wichita, KS 67202

INVOICE

Invoice Number: 130162 Invoice Date: Feb 6, 2012 Page: 1

Federal Tax I.D.#: 20-8651475

Custon	ner ID	Well Name/# or Customer P.O.		Payment Te	rms
Darr	rah	Willand #5		Net 30 Day	ys
Job Lo	cation	Camp Location	Ser	vice Date	Due Date
KS2	-02	Great Bend	Fe	o 6, 2012	3/7/12
Quantity	Item	Description		Unit Price	Amount
180.00	MAT	Class A Common		16.25	2,925.00
20.00	MAT	Pozmix		8.50	170.00
5.00	MAT	Gel		21.25	106.25

20.00	IVIAI	Pozm	IIX	8.50	1	70.00
5.00	MAT	Gel		21.25	1	06.25
8.00	MAT	Salt		23.95	1:	91.60
750.00	MAT	Gilson	nite	0.89	6	67.50
500.00	MAT	Super	rFlush	1.27	6	35.00
176.00	SER	Hand	ling	2.25	3	96.00
30.00	SER	Milea	ge	19.36	5	80.80
1.00	SER	Produ	iction	2,225.00	2,2	25.00
30.00	SER	Heavy	/ Vehicle Mileage	7.00	2	10.00
1.00	SER	Manif	old Head Rental	200.00	20	00.00
30.00	SER	Light `	Vehicle Mileage	4.00	12	20.00
1.00	EQP	5 1/2	Float Shoe	349.00	34	49.00
3.00	EQP /	5 1/2	Centralizers	49.00	14	47.00
1.00	EQP	5 1/2	Rubber Plug	73.00	-	73.00
 ALL PRICES AR	E NET, PAYABLE	:]	Subtotal		8,99	96.15
30 DAYS FOLLO	OWING DATE OF		Sales Tax		38	34.30
	2% CHARGED		Total Invoice Amount		9,38	30.45
	IF ACCOUNT IS E DISCOUNT OF		Payment/Credit Applied			
\$203	2.23		TOTAL		9,38	30.45

ONLY IF PAID ON OR BEFORE Mar 2, 2012

- ALLIED CEMENTING CO., LLC. 042476 Federal Tax I.D.# 20-5975804

			Federal Tax	I.D.# 20-5975804				
REMIT TO P.O. E RUSS	BOX 31 Sell, kai	NSAS 676	65		SEI	RVICE POIN		
	,					(_~e	<u>. 47 -</u>	Bend 42
DATE 2-6-12	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	115 P	M	OB FINISH 200 PM
LEASE Willard	WELL #	5	LOCATION Chas	be SNOTh	TO FRD		5	STATE US
OLD OR NEW (Ci				-+h Easti.			·	
		•			<u> </u>	J		
CONTRACTOR	Maila	vel	·	OWNER Q	arrah c	<u> </u>		
TYPE OF JOB P HOLE SIZE 7 7			. 3245	CEMENT				i
CASING SIZE		<u> </u>	PTH 3232	_ CEMENT	DERED 156	lay char	<u>م</u>	+ 09/6-1
TUBING SIZE	<u>, , , , , , , , , , , , , , , , , , , </u>		PTH	- AMOUNTOR 	17 + 24 C		<u>- 10 00</u>	TZNGEL
DRILL PIPE			PTH		ION ASF	- SDGA	60/4	04%
TOOL		DE	РТН	_	_			
PRES. MAX 10	00		NIMUM	_ COMMON	180	<u>5x @ 16</u>	25	2925.00
MEAS. LINE		SH	OE JOINT	_ POZMIX	20:		<u>2</u>	170.00
CEMENT LEFT IN PERFS.	NCSU.			_ GEL		<u>'500 21.</u>	25	106.25
DISPLACEMENT	Durah		76.75 BB45	_ CHLORIDE _ ASC	A	@ @		
		UPMENT		SAI+		7 se 23.9		191.60
	EQU		L	GILSONET		<u>65</u> @,8		667.5D
PUMP TRUCK	CEMENT	EDAAA	YME/6-232	- Superflu				635.00
# 366	HELPER		•	- •		@		
BULK TRUCK		<u>eus</u> t			·····	@		
# 341	DRIVER	5	~~~~		····	@		
BULK TRUCK						@ @		·····
#	DRIVER			- HANDLING	176	@_ &		396.00
					76 X 30 MI		.	580.80
	RE	MARKS:					 TAI	5672.15
Run cas		- 1 2	ilogt Equip			10	IAL S	
Q-op Ba			Ball Thew	_	SERV	VICE		
HOOK LD R			-					
			42 Rathole	_ DEPTH OF JC	DB	2		
W:+4308X				_ PUMP TRUCI				2225,00
			-s shut Dow			@		
	· · · · ·		Release Plus		HV 30	@7.		210.00
No 1 Oh		~ 0.5	Relvare and	Helo MANIFOLD	<u> </u> T Z 0	@ <u>200</u>		N/C
Put 2001	65 an	34.42	12		LTV ZO	@_ <u>_4.4</u> @	20	120.00
CHARGE TO:		1 (9:)		·· · · · · · · · · · · · · · · · · · ·		@	·	
CHARGE 10:	Jaria	n VII		_				7 655 -
STREET						10	IAL	2,555.00
CITY	ST	ATE	7.IP					
	0.				PLUG & FLO	AT EQUIP	MENT	٢
*					51/2			
2: R.					Shoe	@ 34	9.00	349,00
				3 Cant-		@ 4 5	3.00	147.00
To Allied Cemer	nting Co.,	LLC.		1 Rubr	Der Plus		.00	73.00
You are hereby a	requested	to rent ce	menting equipment			@		
and furnish cem	enter and	helper(s)	to assist owner or			@		
contractor to do	work as is	s listed.	The above work was					Sid
		-	n of owner agent or			TO	TAL	569.00
			and the "GENERAI		(If A)		•	
TERMS AND C	UNDITIC	ONS" list	ed on the reverse sid			8		<u> </u>
	11	1	. 1	TOTAL CHA	RGES 899			
PRINTED NAME	W.1		arrah	_ DISCOUNT	10 2032	· 7 3 1		IN 30 DAYS
	1 1	< 1	1		\$ 6763	.92		MI JU DAI 3
SIGNATURE	WA	11/1	N		7 00			

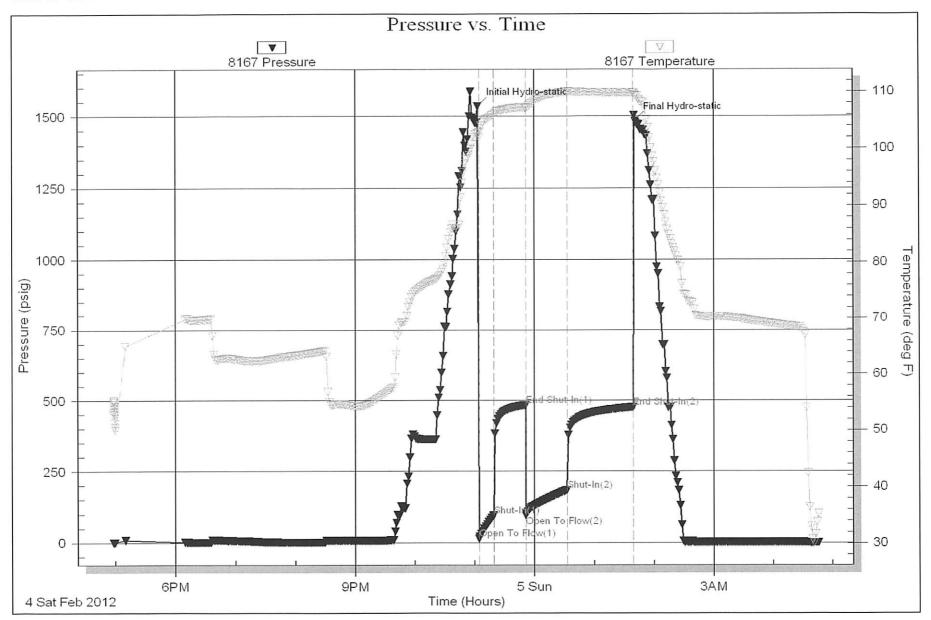
	DRILL STEM TES	TREPO	ORT				
RILOBITE	Darrah Oil		6-19	9-9w Ric	ce Ks.		
ESTING , INC	225 N.Market,Ste 300 Wichita Ks.67202			lard A#		DST#:1	L
	ATTN: Seth Evenson					ي 16:57:47	
GENERAL INFORMATION:							
Formation:Lans JDeviated:NoWhipstock:Time Tool Opened:23:04:32Time Test Ended:04:46:02	ft (KB)		Tes Tes Unit	ter: C	Convention Gary Pevol 56	al Bottom Ho leaux	le (Initial)
Interval:3066.00 ft (KB) To30Total Depth:3087.00 ft (KB) (The Diameter:7.88 inches Hole			Refe	erence Ele KB ti	evations:	1715.00 1710.00 5.00	ft (CF)
Serial #: 8167 Inside Press@RunDepth: 184.33 psig Start Date: 2012.02.04 Start Time: 16:57:48	End Date: End Time:	2012.02.05 04:46:02	Capacity Last Calil Time On Time Off	b.: Btm: 2		8000.00 2012.02.05 @ 23:03:32 5 @ 01:40:47	
TEST COMMENT: IF:Fair to strong ISI:Weak blow . (FF:Fair to strong FSI:No blow .							
Pressure vs. 7	Time 8107 Temperature	Time	Pressure		RE SUM		
1200	10 Total Transmitter	(Mîn.)	(psig)	Temp (deg F)			
		0	1535.33 14.04		Initial Hyd Open To		
		1	95.36	101.93			
		48	482.70		End Shut		
		48 90	96.20 184.33	107.04 109.92	Open To Shut-In(2		
		156 158	474.95 1484.05	109.32 109.78 109.37	End Shut	-ln(2)	
4 Sal Feb 2012 Time (Hours)	s Bun 2AM						
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbi)			Choke (i	inches) Pres	sure (psig) G	ias Rate (Mcf/d)
308.00 SW/w few o specs /Rw							
82.00 MW /w o specs 19%m 8							
0.00 40 ft.of GIP	0.00						
	Ref. No: 45729					05 @ 09:26:1	

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10 m		DRI	LL STEM TEST	REPOR	Γ	F	LUID SUMMARY
	RILOBITE	Darrah	Oil		6-19-9w Ri	ice Ks.	
	ESTING , INC	Wichita	Varket,Ste 300 Ks.67202 Seth Evenson		Willard Af Job Ticket: 4		DST#:1
		A LIN.				012.02.04 @ 10	
Mud and C	ushion Information						
Mud Type: C Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	Gel Chem 9.00 lb/gal 50.00 sec/qt 9.19 in ³ 0.00 ohm.m 4000.00 ppm 0.20 inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Press		ft bbl psig	Oil API: Water Salinity:	deg API 103000 ppm
Recovery I	nformation						
			Recovery Table			-	
	Leng ft	th	Description		Volume bbl		
		308.00	SW/w few o specs /Rw.1	3ohms@41deg	2.098	3	
		82.00 0.00	MW /w o specs 19%m 819 40 ft.of GIP	‰w	1.150		
	Tatal Longth:		.00 ft Total Volume:	3.248 bbl		싀	
	Total Length:				Serial #		
	Num Fluid Samp Laboratory Nan		Num Gas Bombs Laboratory Loca		Selial#	. none	
	Recovery Com	ments:					
L			2of No. 45720			+ 2012 02 05 @	

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Trilobite Testing, Inc

Printed: 2012.02.05 @ 09:26:16

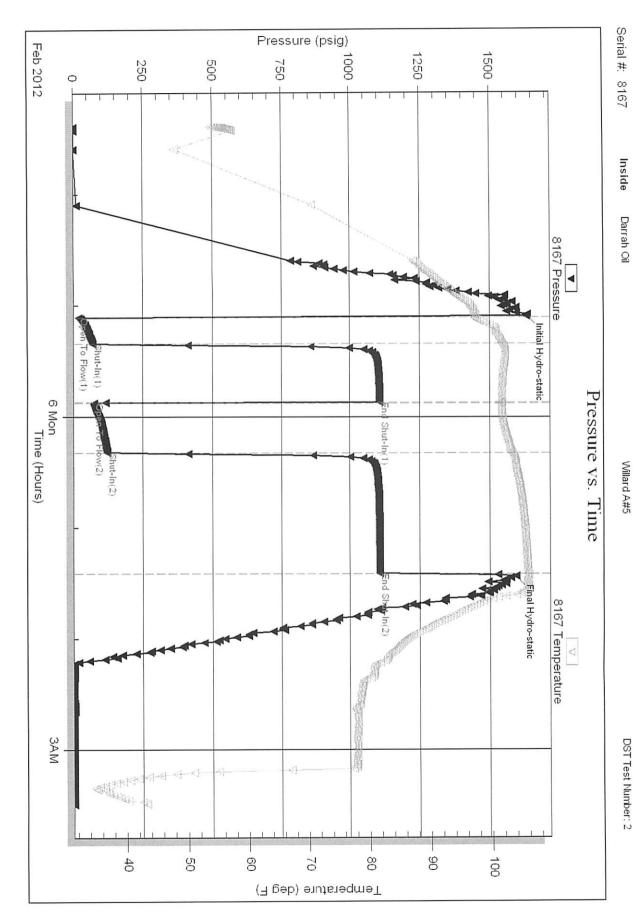
RILOBITE			ST REP				
League i	Darrah Oil			6-1	9-9w Ric	e Ks.	
ESTING , INC	225 N.Market,Ste Wichita Ks.67202				llard A#	-	DST#: 2
	ATTN: Seth Eve	nson					
NFORMATION:							
Arbuckle No Whipstock: ned: 23:06:28 nd: 03:29:43	ft (KB)			Tes	ter: C	Sary Pevotea	
3245.00 ft (KB) (T	√D))		Ref			1715.00 ft (KB 1710.00 ft (CF
7.88 inchesHole	e Condition: Fair				KB t	oGR/CF:	5.00 ft
I67 Inside pth: 122.34 psig 2012.02.05 21:23:44	@ 3211.00 ft (I End Date: End Time:	KB)	2012.02.06 03:29:43	Last Cali Time On	b.: Btm: 2	2012.02.05 @	
Prossuro vs. 7	Time 9107 Temperature		Time				
2107 Pressure	B 107 Temperature		Time (Min.)	Pressure	Temp	Annotation	
		-	0	1630.61	97.24	-	
			16	69.70	101.49	Shut-In(1)	
			21				
		70	9			-	w (2)
				1107.23			(2)
			141	1592.66	105.74	Final Hydro-	static
0 Minn Time (Hous)		<u>.</u> Эли					
Recovery	<u></u>				Ga	s Rates	
Description	Vol	ume (bbl)			Choke (i	nches) Pressure	e (psig) Gas Rate (I
GOCM 14%g 21%o 65%	5m 0.4	47					
CGO 20%g 80%o	1.1	17					
560 ft.of GIP	0.0	00					
	NFORMATION: Arbuckle No Whipstock: ied: 23:06:28 d: 03:29:43 3210.00 ft (KB) To 32 3245.00 ft (KB) (Tr 7.88 inchesHole 167 Inside pth: 122.34 psig 2012.02.05 21:23:44 AENT: IF:Strong blow. I ISI:Weak blow. 1 FF:Strong blow. FSI:Weak blow. Pressure vs. 1 0007 Finance INTERNING Pressure vs. 1 0007 Finance I	Image: Second	Image: Second	Image: Second Second Witchite Ks.67202 ATTN: Seth Evenson NFORMATION: Arbuckle Arbuckle No No Whipstock: ft (KB) ed: 23:06:28 ft (KB) d: 03:29:43 3210.00 ft (KB) TO 3245:00 ft (KB) (TVD) 3245:00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair If 122:34 psig @ 3211:00 ft (KB) 2012:02:06 2012:02:05 End Date: 2012:02:06 211:23:44 End Time: 03:29:43 MENT: IF:Strong blow. B.O.B. in 8 mins. FSI:Weak blow. 1 - 2 1/2". Pressure v. Time Time Time Vieward blow. I - 2 1/2". Time Vieward blow. I - 2 1/2". Time Vieward blow. I - 2 1/2". Time Vieward blow.	Witchita Ks.67202 Job ATTN: Seth Evenson Tes VFORMATION: ATTN: Seth Evenson Tes Arbuckle No Whipstock: ft (KB) Tes No Whipstock: ft (KB) Tes Tes 3210.00 ft (KB) To 3245.00 ft (KB) (TVD) Ref 3245.00 ft (KB) (TVD) Ref 3245.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair Capacity 2012.02.05 End Date: 2012.02.06 Last Cali 21:23:44 End Date: 2012.02.06 Last Cali Time On Time Off MENT: F:Strong blow. B.O.B. in 14 mins. IStWeak blow. 1/2 - 2 1/2". Fresture vs. Time Pressure	Withink K 67202 Job Ticket: 45 ATTN: Seth Evenson Test Start: 20 NFORMATION: ATTN: Seth Evenson Test Start: 20 ATTN: Seth Evenson Test Start: 20 NFORMATION: ATTN: Seth Evenson Test Start: 20 Arbuckle No Whipstock: ft (KB) No Whipstock: ft (KB) Test Type: 0 add: 03:29:43 Unit No: 5 Start: 20 3245.00 ft (KB) (TVD) Reference Ee 2012.02.05 2012.02.05 End Date: 2012.02.06 Last Calib.: 21:23:44 End Time: 03:29:43 Time Off Btm: 2 MENT: IF:Strong blow. B.O.B. in 14 mins. ISFWeak blow. 1/2 - 2 1/2". Time Off Btm: 2 MENT: IF:Strong blow. B.O.B. in 14 mins. ISFWeak blow. 1 - 2 1/2". Time Off Btm: 2 MENT: IF:Strong blow. B.O.B. in 14 mins. ISFWeak blow. 1 - 2 1/2". Time Off Btm: 2 MENT: IF:Strong blow. B.O.B. in 14 mins. ISFWeak blow. 1 - 2 1/2". ISFWeak blow. 1 - 2 1/2". MENT: IF:Strong blow. B.O.B. in 14 mins. ISFWeak blow. 1 - 2 1/2". <td< td=""><td>Within K8.87202 ATTN: Seth Evenson Jub Ticket: 45730 Test Start: 2012.02.05 @ 2 VFORMATION: ATTN: Seth Evenson Test Type: Conventional I Tester:: Gary Pevotea Unit No: 56 No Wilpistock: ft (KB) 0329.43 Test Type: Conventional I Tester:: Gary Pevotea Unit No: 56 2010.00 ft (KB) To 3245.00 ft (KB) (TVD) 3245.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair KB to GR/CF: 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 2012.02.06 Uset Calib:: 2 2 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 2012.02.06 Uset Calib:: 2 2 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 Capacity: Time Off Btm: 2012.02.05 @ Time Off Btm: 2012.02.06 @ MENT: IF:Strong blow. B.O.B. in 14 mins. IStWeak blow. 1 - 2 12". Time 0 1 (b3.81 1 105.34 1 101.60 Annotation (reg F) 1 103.81 1 101.60 PRESSURE SUMMA Time 0 1 (b3.81 1 101.60 PRESSURE SUMMA Time 0 1 (b3.81 1 101.60 Pressure v.Time Time 0 1 (b3.81 1 101.60 Pressure v.Time Time 0 1 (b3.81 1 101.60 Come (mmm) Come (mmm) Come (mmm) Come (mmm) <</td></td<>	Within K8.87202 ATTN: Seth Evenson Jub Ticket: 45730 Test Start: 2012.02.05 @ 2 VFORMATION: ATTN: Seth Evenson Test Type: Conventional I Tester:: Gary Pevotea Unit No: 56 No Wilpistock: ft (KB) 0329.43 Test Type: Conventional I Tester:: Gary Pevotea Unit No: 56 2010.00 ft (KB) To 3245.00 ft (KB) (TVD) 3245.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair KB to GR/CF: 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 2012.02.06 Uset Calib:: 2 2 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 2012.02.06 Uset Calib:: 2 2 167 Inside pth: 122.34 psig @ 3211.00 ft (KB) 2012.02.05 End Date: 03:29:43 Capacity: Time Off Btm: 2012.02.05 @ Time Off Btm: 2012.02.06 @ MENT: IF:Strong blow. B.O.B. in 14 mins. IStWeak blow. 1 - 2 12". Time 0 1 (b3.81 1 105.34 1 101.60 Annotation (reg F) 1 103.81 1 101.60 PRESSURE SUMMA Time 0 1 (b3.81 1 101.60 PRESSURE SUMMA Time 0 1 (b3.81 1 101.60 Pressure v.Time Time 0 1 (b3.81 1 101.60 Pressure v.Time Time 0 1 (b3.81 1 101.60 Come (mmm) Come (mmm) Come (mmm) Come (mmm) <

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	RILOBITE	Darrah	Oil		6-19-9	w Rice Ks.	
	ESTING , INC	005 11	<i>l</i> arket,Ste 300		Wills	rd A#5	
			Ks.67202			ket: 45730	DST#:2
		ATTN:	Seth Evenson			art: 2012.02.05 @ 21	
Mud and Cus	hion Information						
			Cushion Type	. .		Oil API:	38 deg AP
Mud Type: Gel Mud Weight:	Chem 9.00 lb/gal		Cushion Leng		ft	Water Salinity:	4500 ppm
Viscosity:	50.00 sec/qt		Cushion Volu		bbl	·····,	
Water Loss:	8.99 in ³		Gas Cushion				
Resistivity:	0.00 ohm.m		Gas Cushion	-	psig		
Salinity:	4500.00 ppm						
Fitter Cake:	0.20 inches						
Recovery Info	ormation						
			Recovery T			_	
	Leng ft	th	Descriptio	on	Volu		
		95.00	GOCM 14%g 21%o	65%m		0.467	
		180.00	CGO 20%g 80%o			1.168	
	L	0.00	560 ft.of GIP			0.000	
	Total Length:	275	.00 ft Total Volu	ime: 1.635	5 bbl		
	Num Fluid Samp	oles: 0	Num Gas	Bombs: 0	0	erial #: none	
					3	enar#. none	
	Laboratory Nan		Laborator	y Location:	5		
	Laboratory Nan Recovery Com		Laborator	y Location:	5	enar#. none	
			Laborator	y Location:			
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