

#### Kansas Corporation Commission Oil & Gas Conservation Division

1138250

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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW 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 III Approved by: Date:							

Side Two

1138250

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations per -in pressures, whether s st, along with final chart( well site report.	shut-in pressure rea	ached static level,	hydrostatic press	sures, bottom he	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		₋og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	·	☐ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, 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
	1	ADDITIONAL	_ _ CEMENTING / SQ	UEEZE RECORD	I		
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Pluç ootage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma	•	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met	hod:		other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wa	ter Bl	pls. (	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ly Comp. Con	nmingled mit ACO-4)	PRODUCTIO	N INTERVAL:



PO Box 93999 Southlake, TX 76092

Voice:

(817) 546-7282

Fax:

(817) 246-3361

#### Bill To:

Wildcat Oil & Gas POBox 40 Spivey, KS 67142

# INVOICE

Invoice Number: 133857

Invoice Date: Nov 30, 2012

Page:

1



CustomerID	Well Name# or Customer P.O.	Payme	nt Terms		
Wild	Johnson#1. #3	Net 30 Days			
Job Location	Camp Location	Service Date	Due Date		
KS2-01	Medicine Lodge	Nov 30, 2012	12/30/12		

Quantity	Item	Description	Unit Price	Amount
105.00	MAT	Class A Common	17.90	1,879.50
70.00	MAT	Pozmix	9.35	654.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
188.00	SER	Cubic Feet	2.48	466.24
237.00	SER	Ton Mileage	2.60	616.29
1.00	SER	Surface	1,512.25	1,512.25
30.00	SER	Pump Truck Mileage	7.70	231.00
30.00	SER	Light Vehicle Mileage	4.40	132.00
1.00	CEMENTER	Carl Balding		
1.00	EQUIP OPER	Scott Priddy	=	V-2
1.00	OPER ASSIST	Brandon Boor		
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	2			4 10
			· ×	
		Subtotal		5 045 08

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1189.19

ONLY IF PAID ON OR BEFORE Dec 25, 2012

Subtotal	5,945.98
Sales Tax	210.67
Total Invoice Amount	6,156.65
Payment/Credit Applied	
TOTAL	6,156.65

# ALLIED OIL & GAS SERVICES, LLC 059666

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REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SER	VICE POINT: Medicucledge, KS.
The state of the s	CALLED OUT ION I OCATION	and the second s
	10:30 Pm, ON LOCATION	108 STAFTL JOB FINISHAM
LEASE TOHISON WELL# LOCATION, Spine	ey Ks. 18outh	GOUNTY STATE
OLD OR NEW (Circle one) 25 North	into	2-01 11.05
CONTRACTOR HEROLF #	OWNER Wildlest Oil	+600
TYPE OF JOB SUFFACE	OTTION POPULATION OF THE	. —
CASING SIZE 8 2/8 DEPTH	CEMENT	
CASING SIZE 8 218 DEPTH TUBING SIZE DEPTH	AMOUNT ORDERED	
DRILL PIPE DEPTH	175 sx 60:40:37	21 +21.66
TOOL DEPTH		
PRES. MAX 250 MINIMUM -	COMMON_/05	@ 1790 1879.50
MEAS, LINE SHOE JOINT	POZMIX	@9.35 654.50
CEMENT LEFT IN CSG. PERFS.	GEL _ 3	@23.40 70.20
DISPLACEMENT 13 Bbb Freshwater	CHLORIDE	@84.00 384.00
	ASC	_@
EQUIPMENT		· · · · · · · · · · · · · · · · · · ·
PUMPTRUCK CEMENTER and Addison		6
1360-30Z HELPER Jeo H. Priddle 2		
BULK TRUCK	-	_@
#356-290 DRIVER Branclou Boom 3		
BULKTRUCK	The state of the s	· · · · · · · · · · · · · · · · · · ·
# DRIVER	HANDLING_188	2.48 486.24
	MILEAGE 7.90/30/2	60 3/6.29
REMARKS:	11	TOTAL 4076-73
Mun 221' 88/8	237 SERVIO	•
	JERVIC	JE .
Mix 175 xx 20:40:342	DEPTH OF JOB 221	
Displace with 13 Bbls	PUMP TRUCK CHARGE /S	
and the state of t	MILEAGE 30	@ 7.70 731.60
Shut iu,	MANIFOLD	@
1	20 30	@ 4.40 132.00
CHARGE TO: Wildcat Oil + Gas		@
CHARGE TO: WHALLAT ON + 6as		10-0-00
STREET		TOTAL /973-2-8
CITYSTATEZIP		1875,25
	PLUG & FLOAT	EQUIPMENT
		_@
To: Allied Oil & Gas Services, LLC.		@
You are hereby requested to rent cementing equipment	And the growing	@
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	*	TOTAL
contractor. I have read and understand the "GENERAL	SALES TAX (If Any) 210	.66 .
TERMS AND CONDITIONS" listed on the reverse side.	onord mar (ir miy)	98 5945,98
Toposo II como ou	TOTAL CHARGES 3483	21-00
PRINTED NAME	DISCOUNT 20% HT	F PAID IN 30 DAYS
I HAD.	NEt 4787.	189.19 de
SIGNATURE SCALL ( Uduly		4756,79 ne
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		1 0 01 / 1 11



PO Box 93999 Southlake, TX 76092

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

Bill To:

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

Invoice Number: 134100

Invoice Date: Dec 12, 2012

Page: 1



CustomerID	Well Name# or Customer P.O.	Payment	Terms		
Wild	Johnson Farm #3	Net 30 Davs			
Job Location	Camp Location	Service Date Due			
KS2-02	Medicine Lodge	Dec 12, 2012	1/11/13		

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class H Premium	21.20	3,180.00
16.00	MAT	Pozmix	9.35	149.60
2.00	MAT	Gel	23.40	46.80
24.00	MAT	Class A Common	17.90	429.60
14.00	MAT	SMS	3.30	46.20
8.00	MAT	Salt	26.35	210.80
750.00	MAT	Kol Seal	0.98	735.00
10.00	MAT	Cla Pro	34.30	343.00
12.00	MAT	ASF	58.70	704.40
217.70	SER	Cubic Feet	2.48	539.89
287.40	SER	Ton Mileage	2.60	747.24
1.00	SER	Production Casing	2,765.75	2,765.75
30.00	SER	Pump Truck Mileage	7.70	231.00
1.00	SER	Manifold Head Rental	275.00	275.00
30.00	SER	Light Vehicle Mileage	4.40	132.00
1.00	EQP	4.5 Guide Shoe	224.64	224.64
1.00	EQP	4.5 AFU Insert	291.33	291.33
8.00	EQP	4.5 Centralizer	56.16	449.28
1.00	EQP	4.5 Rubber Plug	83.07	83.07
1.00	CEMENTER	Jason Thimesch	33.27	55.57
1.00	OPER ASSIST	Jake Heard	· v	Λ
ALL PRICES AR	E NET, PAYABLE	Subtotal		Continued

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$23/4.92

ONLY IF PAID ON OR BEFORE
Jan 6, 2013

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continu



PO Box 93999 Southlake, TX 76092

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

Bill To:

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



Invoice Number: 134100

Invoice Date: Dec 12, 2012

Page: 2



Customer ID	Well Name# or Customer P.O.	Paymer	nt Terms		
Wild	Johnson Farm #3	Net 30 Days			
Job Location	Camp Location	Service Date	Due Date		
KS2-02	Medicine Lodge	Dec 12, 2012	1/11/13		

Quantity	Item			Descript	ion		Unit Pr	ice	Δn	nount
1.00	CEMENTER	David Fe	lio	the substitute of the			Riberton de la compansión de la compansi		the first Change	HODOLOGICA STATE
1.00	EQUIP OPER	Justin Bo	wer							
	F:									
	-									
						1				
- 0										
ALL PRICES ARI			Subtotal	-	-					11 584 60

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE
Jan 6, 2013

Subtotal	11,584.60
Sales Tax	486.01
Total Invoice Amount	12,070.61
Payment/Credit Applied	
TOTAL	12,070.61

# ALLIED OIL & GAS SERVICES, LLC 059707 Federal Tax I.D.# 20-5975804

REMIT TO P.O. I	BOX 93999 THLAKE, T		5092	;	SER	VICE POINT:	Lodie KS
DATE  2/12/12	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Johnson	WELL #	1		y Kas, I south,	25 1 41 11	COUNTY	STATE
OLD OR NEW C			into	X Kay 1 3867 4 1	LEsst, North	The second second	J. K.c.
CONTRACTOR	Hardt	#	Цаго	OWNER W	libert Oil +	Gar Gar	٦.٥٠
TYPE OF JOB POHOLE SIZE 72		trb	, 4348	CEMENT	(***)	•	
CASING SIZE 4-			PTH 4338		RDERED 40cx	60:40:4%	601 + 4%
TUBING SIZE			PTH		150 SX C/45		
DRILL PIPE	-	DE	PTH	Kolicali	OGA Clapro.	12 BBL AST	
TOOL			PTH	The second section is a second section of the second section of the second section is a second section of the second section of the second section is a second section of the			
PRES. MAX 110	00	10000000	NIMUM		Class H 1500		
MEAS. LINE	LCCC 7	SH	OE JOINT 2	_ POZMIX _	165,	x @ 9.35	149.60
CEMENT LEFT IN PERFS.	VCSG. Z			GEL _		@ 23.40	46.80
DISPLACEMENT	1901	20110	100	CHLORIDE		_@	
DIST ENCEMBRY	57 100 100 100 100		112	_ ASC	Eless A. 24.	_@ x@	429.60
	EQUI	PMENT	Ž.	SMJ		Ls@ 3.30	46,20
L. it courses				- Salt		@ 26.35	210.80
			on Thinesch	Kolsen		3 @ .11	735
# 360/302 BULK TRUCK	HELPER.	lake Hese	12/ Pavid Felie /	- Claero		@ 34.30	343
	DDIVED .	T.1.	Bower 2	ASF		16@ 58.70	704.40
BULK TRUCK	DICITER	JESTIM	DOWER	-		@	-
The last strate was a	DRIVER			A CANADA CANADA			-
The party of				— HANDLING	217.70 caft	- @ 2,48	539.89
		IARKS:		MILEAGE _	9.58 ton x 30 m	A CONTRACTOR OF THE PARTY OF TH	797.24
-					287.40 SERVI	ICE	<i>#</i> .
			The second second		108 4338	100	110100
			1.1.1	EXTRA FOO	CK CHARGE	-	2765.75
				MILEAGE_		_@	23
				— MANIFOLD	A STORY OF THE STO	<u>. @ /. / / / </u>	275
				4 K		@ 4.40	132
(Net)		. 1					To the second
CHARGE TO: _ \( \bullet \) STREET	Vildcat	0:14	-Gas			TOTAL	2403.75
Oltru	ATT L	ene.					
CITI	S1A	ilB	ZIP	 4½	PLUG & FLOA	T EQUIPME	NT\
				Reg Gride		L@ 224.6	
				AFU inser		@ 291,33 @ 56.1L	
To: Allied Oil &				contraliza			
You are hereby re	equested to	rent cer	nenting equipment	Rubber Pl	19	@_83.67	83.07
and furnish ceme	nter and he	elper(s) t	o assist owner or	-	10 10 10 10 10 10 10 10 10 10 10 10 10 1	@	
			he above work wa				iolla ci-
done to satisfacti	on and sup	ervision	of owner agent or			TOTA	1048,32
			ind the "GENERA		acres 4	86:-	
TERMS AND CO	ONDITION	S" liste	d on the reverse sid	10.		**************************************	-
	C	1111			ARGES_11584		
PRINTED NAME	Jeot /	4 del ha	rt	DISCOUNT	20% 231	6.92 IF PA	ID IN 30 DAYS
	11 .1.		1		\$ 9267.6		VV DATO
SIGNATURE A	lealt	( Sed	216-	Ne	6 125 116	-	



Prepared For: Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

#### Johnson Farms #3

#### 18-30s-7w Kingman,KS

Start Date: 2012.12.06 @ 21:17:15
End Date: 2012.12.07 @ 04:56:45
Job Ticket #: 51660 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Johnson Farms #3

Spivey, KS 67142

Job Ticket: 51660

**DST#:1** 

ATTN: Max Lovely

Test Start: 2012.12.06 @ 21:17:15

#### GENERAL INFORMATION:

Formation:

Kansas City

Deviated:

No Whipstock:

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 23:06:35

Tester:

Dustin Rash

Time Test Ended: 04:56:45

ft (KB)

Unit No:

66

Interval: Total Depth: 3697.00 ft (KB) To 3717.00 ft (KB) (TVD)

Reference Elevations:

1527.00 ft (KB)

3717.00 ft (KB) (TVD)

1517.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 8354

Inside Press@RunDepth:

170.18 psig @

3699.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.12.06

End Date:

2012.12.07

Last Calib .: .

Start Time:

21:27:15

End Time:

04:56:45

Time On Btm:

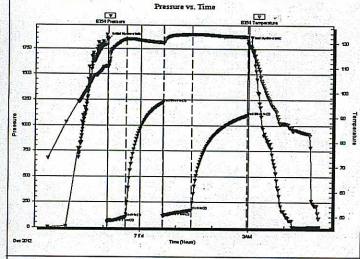
2012.12.07

Time Off Btm:

2012.12.06 @ 23:05:55 2012.12.07 @ 02:58:45

TEST COMMENT: IF-Strong building blow . BOB in 5 minutes 15 seconds.

ISI-Return @ 30 seconds. Built to 2 inches. FF-Fair building blow. BOB in 14 minutes. FSI-Return @ 30 seconds. Built to 2 1/2 inches.



PRESS	URE	SUM	MARY
	S. S. 1916		in the same of the same

PRESSURE SUIVINARY						
Time	Pressure	Temp	Annotation	0.69		
(Min.)	(psig)	(deg F)				
0	1838.89	110.88	Initial Hydro-static			
	48.91	110.55	Open To Flow (1)			
31	103.96	121.52	Shut-In(1)			
92	1223.75	120.25	End Shut-In(1)			
93	112.86	119.99	Open To Flow (2)			
140	170.18	123.56	Shut-In(2)			
232	1097.76	122.61	End Shut-In(2)			
233	1803.88	119.50	Final Hydro-static			
A 143	\$5.4 mm					
	Block A. Line					
12.0						

#### Recovery

Length (ft)	Description	Volume (bbl)
318.00	85%Water/15%Mud	3.43
0.00	865' G.I.P.	0.00
		A Links
X .		

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 51660



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Johnson Farms #3

Spivey, KS 67142

Job Ticket: 51660

ATTN: Max Lovely

Test Start: 2012.12.06 @ 21:17:15

#### GENERAL INFORMATION:

Formation:

Kansas City

Deviated: Time Tool Opened: 23:06:35

Whipstock: No :

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Rash

Unit No:

66

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

DST#: 1

KB to GR/CF:

10.00 ft

Interval: Total Depth: 3697.00 ft (KB) To 3717.00 ft (KB) (TVD)

3717.00 ft (KB) (TVD)

Hole Diameter:

Time Test Ended: 04:56:45

7.88 inchesHole Condition: Fair

Outside

psig @

3699.00 ft (KB)

2012.12.07

Capacity:

8000.00 psig

Start Date: Start Time:

2012.12.06 21:27:30

End Date: End Time:

04:56:00

Last Calib .:

2012.12.07

Time On Btm:

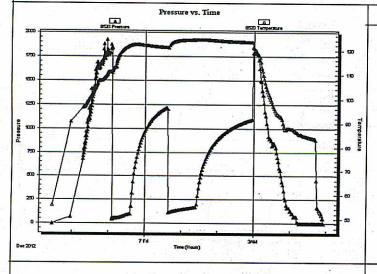
Time Off Btm:

Serial #: 8520

Press@RunDepth:

TEST COMMENT: IF-Strong building blow . BOB in 5 minutes 15 seconds.

ISI-Return @ 30 seconds. Built to 2 inches. FF-Fair building blow. BOB in 14 minutes. FSI-Return @ 30 seconds. Built to 2 1/2 inches.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
		i e		
	, road or To to			
		11		
100 100 100	14			
4			A	

#### Recovery

Length (ft)	Description	Volume (bbl)
318.00	85%Water/15%Mud	3.43
0.00	865' G.I.P.	0.00
		A C Shi sa Shi Cara Garan Charles

#### Gas Rates

Ī	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
L			

Trilobite Testing, Inc

Ref. No: 51660



TOOL DIAGRAM

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

ATTN: Max Lovely

Job Ticket: 51660

Johnson Farms #3

Spivey, KS 67142

Test Start: 2012.12.06 @ 21:17:15

Tool Information

Drill Pipe:

Drill Collar:

Heavy Wt. Pipe: Length: Length:

Length: 3571.00 ft Diameter: 0.00 ft Diameter: 113.00 ft Diameter:

3.80 inches Volume: 2.70 inches Volume: 2.25 inches Volume:

50.09 bbl 0.00 bbl 0.56 bbl

Tool Weight: Weight set on Packer: 24000.00 lb Weight to Pull Loose: 5000.00 lb

3000.00 lb

Drill Pipe Above KB:

15.00 ft 3697.00 ft Total Volume: 50.65 bbl Tool Chased String Weight: Initial 58000.00 lb

0.00 ft

Depth to Top Packer: Depth to Bottom Packer:

ft

Final 60000.00 lb

Interval between Packers: Tool Length:

20.00 ft 48.00 ft

2 Diameter:

6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00	12.10		3670.00	and the state of t
Shut In Tool	5.00			3675.00	
Hydraulic tool	5.00			3680.00	
Jars	5.00			3685.00	The Boston Street
Safety Joint	3.00			3688.00	
Packer	5.00	4.		3693.00	28.00 Bottom Of Top Packer
Packer	4.00			3697.00	
Stubb	1.00			3698.00	
Perforations	1.00			3699.00	r [육연 - 유명에 모드트 및 모호 레이트
Recorder	0.00	8354	Inside	3699.00	
Recorder	0.00	8520	Outside	3699.00	의 병기에 있는 병기에는 모든 경우 그 경우는 그는
Perforations	15.00			3714.00	
Bullnose	3.00			3717.00	20.00 Bottom Packers & Anchor

Total Tool Length:

48.00



**FLUID SUMMARY** 

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40 Spivey, KS 67142

Johnson Farms #3 Job Ticket: 51660

ft

bbl

psig

DST#: 1

ATTN: Max Lovely

Test Start: 2012.12.06 @ 21:17:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: Viscosity:

Water Loss:

Resistivity: Salinity:

Filter Cake:

44.00 sec/qt 9.13 in<sup>3</sup> 0.42 ohm.m

10.00 lb/gal

4000.00 ppm inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity:

3400 ppm

**Recovery Information** 

Recovery Table

Length ft Description Volume bbl 318.00 85%Water/15%Mud 3.431 0.00 865' G.I.P. 0.000

Total Length:

318.00 ft

Total Volume:

3.431 bbl

Num Fluid Samples: 0

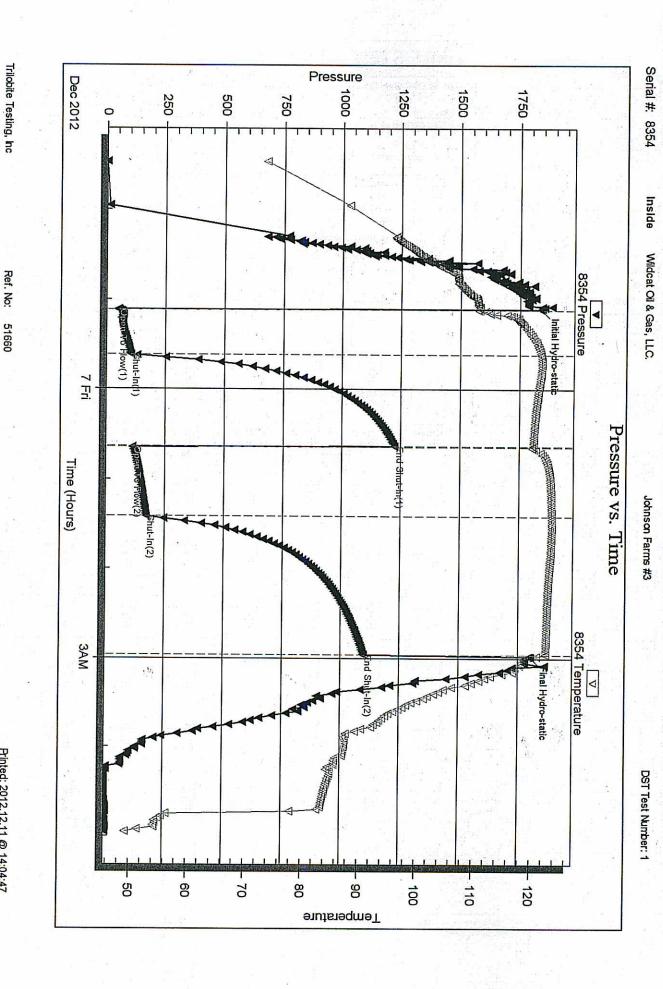
Laboratory Name:

Num Gas Bombs:

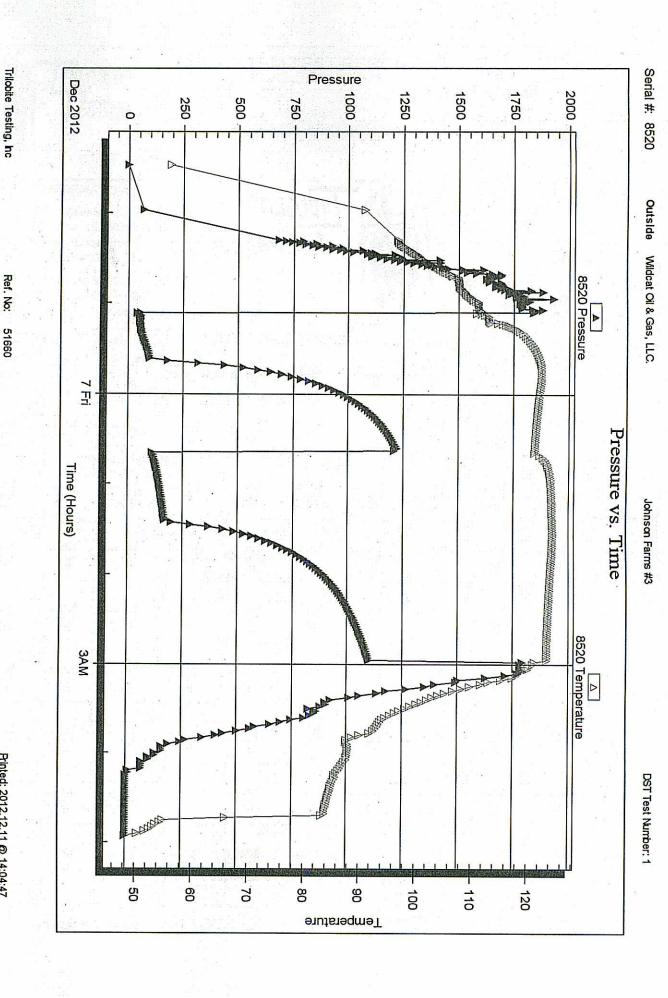
0 Laboratory Location:

Serial #:

Recovery Comments:



51660



Ref. No:

51660



Prepared For: Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

Johnson Farms #3

18-30s-7w Kingman,KS

Start Date: 2012.12.07 @ 18:43:30 End Date: 2012.12.08 @ 01:41:30

2012/12/00 @ 0 11 11 00

Job Ticket #: 51661 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40 Spivey, KS 67142

Job Ticket: 51661

Johnson Farms #3

DST#: 2

ATTN: Max Lovely

Test Start: 2012.12.07 @ 18:43:30

#### GENERAL INFORMATION:

Formation:

Dennis

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 20:24:40 Time Test Ended: 01:41:30

Interval:

3792.00 ft (KB) To 3818.00 ft (KB) (TVD)

Total Depth:

3818.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Rash

Unit No: 66

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8354 Press@RunDepth: Inside

92.26 psig @

3795.00 ft (KB)

End Date:

2012.12.08

Capacity:

8000.00 psig

Start Date: Start Time:

2012.12.07 18:53:30

End Time:

01:41:30

Last Calib .: Time On Btm:

2012.12.08 2012.12.07 @ 20:24:20

Time Off Btm:

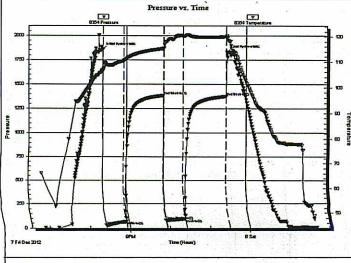
2012.12.07 @ 23:31:30

TEST COMMENT: IF-Weak building blow . Built to 10 inches.

ISI-No Return.

FF-Weak building blow. Built to 5 inches.

FSI-No Return.



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	그 사고 함께 있는 것이다.
. 0	1858.40	106.85	Initial Hydro-static
1	28.42	106.48	Open To Flow (1)
32	68.56	110.44	Shut-In(1)
92	1384.28	115.25	End Shut-In(1)
92	78.19	115.39	Open To Flow (2)
121	92.26	120.13	Shut-In(2)
186	1375.42	120.02	End Shut-In(2)
188	1832.86	119.86	Final Hydro-static
70 to 1		11 64	
	1		

	Recovery	
Length (ft)	Description	Volume (bbl)
130.00	80%Water/20%Mud	0.79
0.00	235' G.I.P.	0.00
		riteranya manganan Managan

 Gas Ra	-	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
	Lati sought	



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

Johnson Farms #3

PO Box 40 Spivey, KS 67142

Job Ticket: 51661

DST#: 2

ATTN: Max Lovely

Test Start: 2012.12.07 @ 18:43:30

#### GENERAL INFORMATION:

Time Tool Opened: 20:24:40

Time Test Ended: 01:41:30

Formation:

Dennis

Deviated:

No Whipstock:

ft (KB)

Tester:

Test Type: Conventional Bottom Hole (Initial)

Dustin Rash

Unit No:

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Interval: Total Depth:

Hole Diameter:

3792.00 ft (KB) To 3818.00 ft (KB) (TVD)

3818.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Serial #: 8520 Press@RunDepth: Outside

psig @

3795.00 ft (KB)

2012.12.08

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time:

2012.12.07 18:53:45

End Date: End Time:

01:41:15

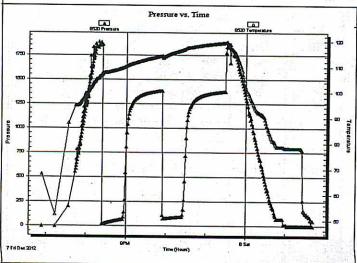
Time On Btm: Time Off Btm: 2012.12.08

TEST COMMENT: IF-Weak building blow. Built to 10 inches.

ISI-No Return.

FF-Weak building blow . Built to 5 inches.

FSI-No Return.



#### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

#### Recovery

Length (fl)	Description	Volume (bbl)
130.00	80%Water/20%Mud	0.79
0.00	235' G.I.P.	0.00
9		

#### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
14 - 1413	f 37 11 11 12 14 15 15	in a second

Trilobite Testing, Inc.

Ref. No: 51661



**TOOL DIAGRAM** 

Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

18-30s-7w Kingman,KS

Johnson Farms #3

Job Ticket: 51661

DST#: 2

Test Start: 2012.12.07 @ 18:43:30

Tool Information

Drill Pipe:

Drill Collar:

Length: 3663.00 ft Diameter:

Heavy Wt. Pipe: Length:

Length:

ft Diameter:

114.00 ft Diameter:

2.70 inches Volume: 2.25 inches Volume: Total Volume:

3.80 inches Volume:

0.56 bbl - bbl

51.38 bbl

- bbl

Tool Weight: Weight set on Packer: 24000.00 lb

3000.00 lb

Weight to Pull Loose: 10000.00 lb Tool Chased 0.00 ft

String Weight: Initial 60000.00 lb

60000.00 lb Final

Drill Pipe Above KB: Depth to Top Packer:

13.00 ft 3792.00 ft

Depth to Bottom Packer: Interval between Packers:

ft 26.00 ft 54.00 ft :

Tool Length: Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	- N		Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub		1	1.00		·	3765.00	The state of the s	
Shut In Tool			5.00			3770.00		
Hydraulic tool			5.00			3775.00		
Jars			5.00			3780.00		ga Alban - Nijeri
Safety Joint			3.00			3783.00		
Packer			5.00			3788.00	28.00	Bottom Of Top Packer
Packer		-	4.00			3792.00		
Stubb			1.00			3793.00		
Perforations			2.00			3795.00		
Recorder			0.00	8354	Inside	3795.00		
Recorder			0.00	8520	Outside	3795.00		
Perforations			20.00			3815.00		
Bullnose			3.00			3818.00	26.00	Bottom Packers & Anchor

Total Tool Length:

54.00



FLUID SUMMARY

18-30s-7w Kingman,KS

Wildcat Oil & Gas, LLC.

Johnson Farms #3

PO Box 40 Spivey, KS 67142

Job Ticket: 51661

DST#: 2

ATTN: Max Lovely

Test Start: 2012.12.07 @ 18:43:30

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal 55.00 sec/qt

Mud Weight: Viscosity: Water Loss:

11.92 in<sup>3</sup> 0.37 ohm.m

Salinity: Filter Cake:

Resistivity:

5000.00 ppm

inches

Cushion Type:

Cushion Length:

ft bbl Water Salinity:

deg API

38000 ppm

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Volume Description Length ft bbl 0.785 80%Water/20%Mud 130.00 0.000 0.00 235' G.I.P.

Total Length:

130.00 ft

Total Volume:

0.785 bbl

0

Num Fluid Samples: 0

Recovery Comments:

Laboratory Name:

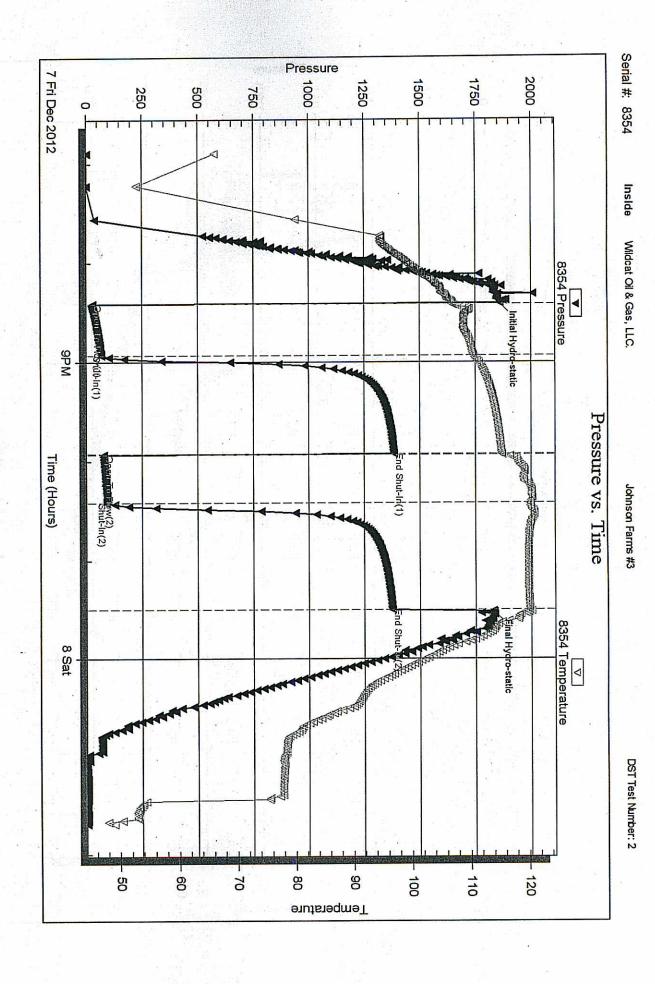
Num Gas Bombs:

Laboratory Location:

Serial #:

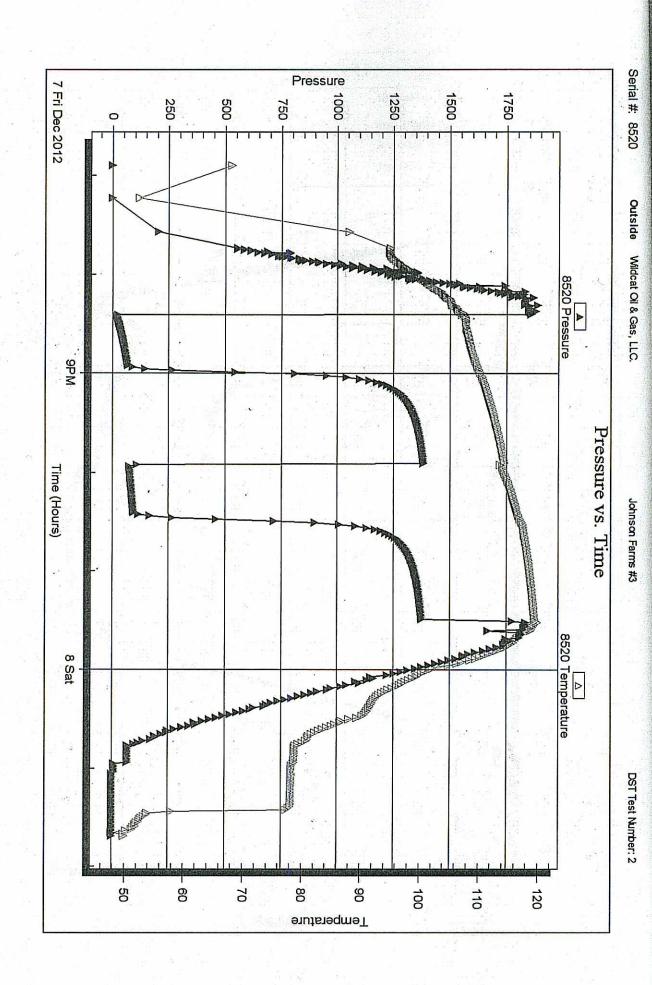
Trilobite Testing, Inc

Ref. No: 51661



Trilobite Testing, Inc

Ref. No: 51661



Trilobite Testing, Inc

Ref. No: 51661



Prepared For: Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

#### Johnson Farms #3

#### 18-30s-7w Kingman,KS

Start Date: 2012.12.09 @ 11:43:15
End Date: 2012.12.09 @ 19:37:15
Job Ticket #: 51662 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

Job Ticket: 51662

Johnson Farms #3

DST#: 3

Spivey, KS 67142 ATTN: Max Lovely

PO Box 40

Test Start: 2012.12.09 @ 11:43:15

#### GENERAL INFORMATION:

Formation:

Mississippian

Deviated:

Whipstock: No

ft (KB)

Time Tool Opened: 13:40:25 Time Test Ended: 19:37:15

Interval:

4187.00 ft (KB) To 4209.00 ft (KB) (TVD)

Total Depth:

4209.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Rash

Unit No:

38

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8354 Press@RunDepth: Inside

105.04 psig @

4189.00 ft (KB)

2012.12.09

Capacity:

8000.00 psig

Start Date:

2012.12.09

End Date: End Time:

Last Calib .: Time On Btm: 2012.12.09

2012.12.09 @ 13:37:15

Start Time:

11:53:15

19:37:15

Time Off Btm:

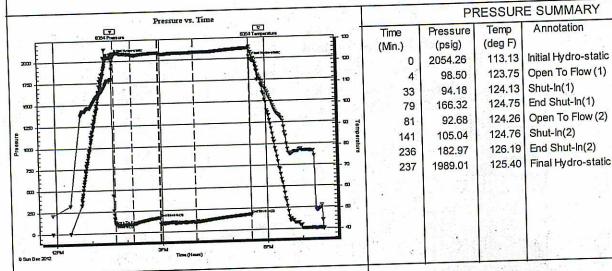
2012.12.09 @ 17:33:45

TEST COMMENT: IF-Strong building blow . BOB @ 30 seconds. GTS @ 26 minutes. TSTM

ISI-Return @ 14 minutes. Built to 2 inches.

FF-Strong building blow . BOB @ 30 seconds. GTS. TSTM.

FSI-Return @ 11 1/2 minutes. Built to 5 inches.



# Recovery

Length (ft)	Description	Volume (bbl)
240.00	25%Gas/25%Oil/10%Water/40%Mud	2.33
0.00	3820' G.I.P.	0.00
7.00		

Gas Rates

Gas Rate (Mcf/d) Pressure (psig) Choke (inches)

Trilobite Testing, Inc

Ref. No: 51662



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Job Ticket: 51662

Johnson Farms #3

DST#: 3

ATTN: Max Lovely

Spivey, KS 67142

Test Start: 2012.12.09 @ 11:43:15

#### GENERAL INFORMATION:

Time Test Ended: 19:37:15

Formation:

Interval:

Mississippian

Deviated: Time Tool Opened: 13:40:25

No Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Dustin Rash

Tester: Unit No:

38

Reference Elevations:

1527.00 ft (KB) 1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Total Depth: Hole Diameter: 4209.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

4187.00 ft (KB) To 4209.00 ft (KB) (TVD)

Serial #: 8520 Press@RunDepth: Outside

psig @

4189.00 ft (KB)

2012.12.09

Capacity:

8000.00 psig

Start Date:

2012.12.09

End Date:

Last Calib .:

2012.12.09

Start Time:

11:53:15

End Time:

19:36:45

Time On Btm:

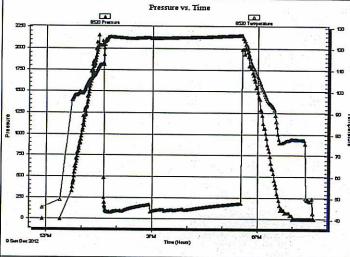
Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB @ 30 seconds. GTS @ 26 minutes. TSTM

ISI-Return @ 14 minutes. Built to 2 inches.

FF-Strong building blow . BOB @ 30 seconds. GTS. TSTM.

FSI-Return @ 11 1/2 minutes. Built to 5 inches.



PRESSURE SUMMAR	Y.

20	Time (Min.)	Pressure	Temp	Annotation
20	(Min.)	(psig)	(deg F)	
10	42			
30	Maria I			P.M. B. Despe
3 -1				
Temperatura	7 4 5	3	, t	
			12 = 1	
. 8	rul z	2 1	1 3v	
	1.0			
i.				
	e vel		(	
	i and			6

#### Recovery

Length (ft)	Description	Volume (bbl)	
240.00	25%Gas/25%Oil/10%Water/40%Mud	2.33	
0.00	3820' G.I.P.	0.00	
100			

#### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
----------------	-----------------	------------------

Trilobite Testing, Inc

Ref. No: 51662



**TOOL DIAGRAM** 

Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

18-30s-7w Kingman,KS

Johnson Farms #3

Job Ticket: 51662

DST#: 3

Test Start: 2012.12.09 @ 11:43:15

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length:

Length: 4060.00 ft Diameter: 0.00 ft Diameter: 114.00 ft Diameter:

15.00 ft

ft

3.80 inches Volume: 2.70 inches Volume: 2.25 inches Volume: Total Volume:

0.56 bbl 57.51 bbl

56.95 bbl

0.00 bbl

Weight set on Packer: 24000.00 lb Weight to Pull Loose: 20000.00 lb

Tool Chased String Weight: Initial

Tool Weight:

0.00 ft 64000.00 lb

64000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

4187.00 ft Depth to Bottom Packer:

Interval between Packers: 21.00 ft Tool Length:

Number of Packers:

49.00 ft Diameter:

6.75 inches

Tool Comments:

<b>Tool Description</b>			Length (ft)	Serial No	. Position	Depth (ft)	Accum.	Lengths		
Change Over Sub		14	1.00		l , v	4160.00				
Shut In Tool			5.00			4165.00				
Hydraulic tool			5.00			4170.00				
Jars			5.00			4175.00				
Safety Joint	(ii) y		3.00			4178.00				
Packer			5.00			4183.00		28.00	Bottom (	Of Top Packer
Packer			4.00			4187.00			(1) = 4 (4)	21.100.00
Stubb			1.00			4188.00				
Perforations	r f		1.00			4189.00				
Recorder			0.00	8354	Inside	4189.00				
Recorder			0.00	8520	Outside	4189.00				
Perforations			16.00			4205.00				
Bullnose			3.00			4208.00		21.00	Bottom Packe	ers & Anchor

Total Tool Length:

49.00

Trilobite Testing, Inc

Ref. No: 51662



**FLUID SUMMARY** 

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Spivey, KS 67142

Job Ticket: 51662

ft

bbl

psig

Johnson Farms #3

DST#: 3

ATTN: Max Lovely

Test Start: 2012.12.09 @ 11:43:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity: Salinity:

Filter Cake:

ohm.m 4000.00 ppm inches

7.95 in<sup>3</sup>

9.00 lb/gal

45.00 sec/qt

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API ppm

Recovery Information

Recovery Table

Length Description Volume ft bbl 240.00 25%Gas/25%Oil/10%Water/40%Mud 2.328 0.00 3820' G.I.P. 0.000

Total Length:

240.00 ft

Total Volume:

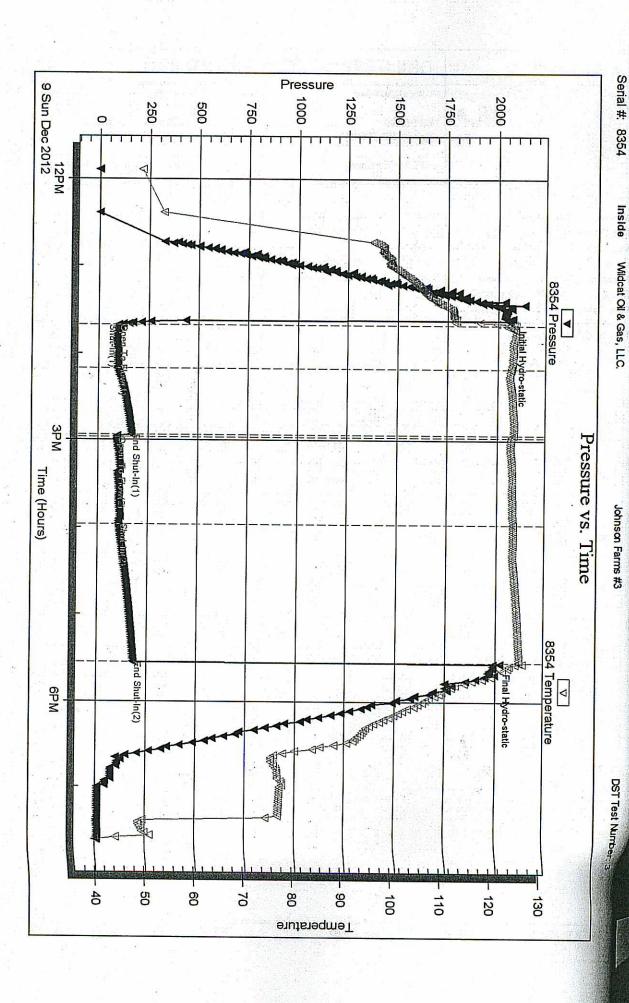
2.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location: Serial #:

Laboratory Name:

Recovery Comments:



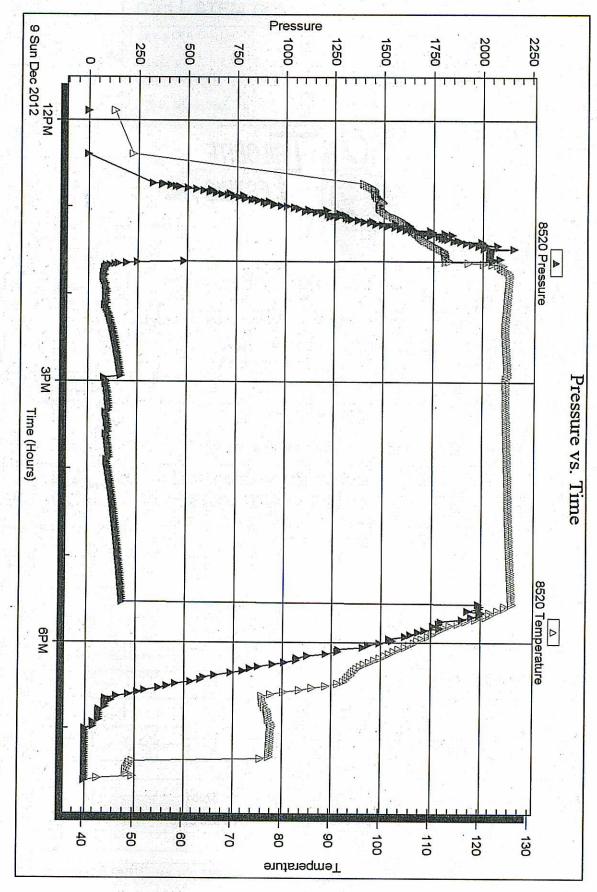
Trilobite Testing, Inc

Ref. No:

51662



Serial #: 8520





Prepared For: Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

#### Johnson Farms #3

### 18-30s-7w Kingman,KS

Start Date: 2012.12.10 @ 05:46:30 End Date: 2012.12.10 @ 12:52:00 Job Ticket #: 51663 DST #: 4

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman,KS

Johnson Farms #3

PO Box 40 Spivey, KS 67142

Job Ticket: 51663

DST#: 4

ATTN: Max Lovely

Test Start: 2012.12.10 @ 05:46:30

#### GENERAL INFORMATION:

Formation:

Mississippian

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 08:15:30 Time Test Ended: 12:52:00

4220.00 ft (KB) To 4256.00 ft (KB) (TVD)

Total Depth:

Interval:

Start Date:

Start Time:

4256.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Rash

Unit No:

66

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8354

Press@RunDepth:

Inside

36.46 psig @ 2012.12.10

05:56:30

4222.00 ft (KB)

End Time:

End Date:

2012.12.10 12:52:00 Capacity:

8000.00 psig

Last Calib .: Time On Btm:

2012.12.10

Time Off Btm:

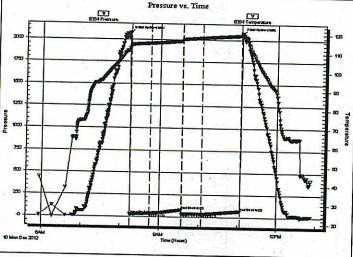
2012.12.10 @ 08:14:00 2012.12.10 @ 11:05:00

TEST COMMENT: IF-Weak building blow . Built to 7 inches.

ISI-No Return.

FF-Weak building blow . Built to 3 inches.

FSI-No Return.



Ure Temp Annotation				
ure	Temp	Annotation		

Time	Pressure	Temp	Annotation	
(Min.)	(psig)	(deg F)	A CONTRACT CONTRACTOR	
0	2071.10	112.50	Initial Hydro-static	
2	25.38	113.79	Open To Flow (1)	
31	35.66	114.99	Shut-In(1)	
80	78.93	116.29	End Shut-In(1)	
80	32.80	116.43	Open To Flow (2)	
111	36.46	118.01	Shut-In(2)	
170	68.56	119.33	End Shut-In(2)	
171	2062.92	120.64	Final Hydro-static	
		8	a Akao along Pro	

#### Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%Mud	0.10
0.00	100' G.I.P.	0.00

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 51663



Wildcat Oil & Gas, LLC.

Johnson Farms #3

18-30s-7w Kingman,KS

PO Box 40

Spivey, KS 67142

Job Ticket: 51663

**DST#: 4** 

ATTN: Max Lovely

Test Start: 2012.12.10 @ 05:46:30

#### GENERAL INFORMATION:

Formation:

Mississippian

Deviated:

Whipstock:

ft (KB)

Time Tool Opened: 08:15:30 Time Test Ended: 12:52:00

Interval:

4220.00 ft (KB) To 4256.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4256.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester:

Dustin Rash

Unit No:

66

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8520 Press@RunDepth: Outside

psig @

4222.00 ft (KB)

2012.12.10

Capacity:

8000.00 psig

Start Date:

2012.12.10

End Date:

Last Calib.:

2012.12.10

Start Time:

05:57:30

End Time:

12:52:30

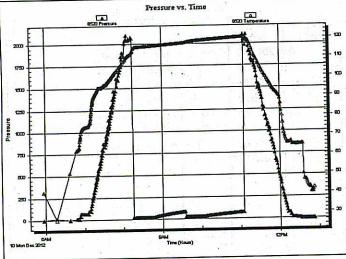
Time On Btm: Time Off Btm:

TEST COMMENT: IF-Weak building blow . Built to 7 inches.

ISI-No Return.

FF-Weak building blow. Built to 3 inches.

FSI-No Return.



PF	RESSUR	RE SUMMARY
ure	Temp	Annotation

1	Time	Pressure	Temp	Annotation
1	(Min.)	(psig)	(deg F)	
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l			are bright	
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-				
١		M		
I				
١				
١	4 41	10.9		
١				
1				
١				
1				

#### Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%Mud	0.10
0.00	100' G.I.P.	0.00
1		

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 51663



TOOL DIAGRAM

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman,KS

PO Box 40 Spivey, KS 67142

Johnson Farms #3 Job Ticket: 51663

DST#: 4

ATTN: Max Lovely

Test Start: 2012.12.10 @ 05:46:30

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Pipe Above KB:

Depth to Top Packer:

Drill Collar:

Length:

Length: 4093.00 ft Diameter: 0.00 ft Diameter: 114.00 ft Diameter:

15.00 ft

4220.00 ft

3.80 inches Volume: 2.70 inches Volume: 2.25 inches Volume:

Total Volume:

57.41 bbl 0.00 bbl 0.56 bbl

Tool Weight: 3000.00 lb Weight set on Packer: 24000.00 lb Weight to Pull Loose: 10000.00 lb Tool Chased 0.00 ft

57.97 bbl String Weight: Initial

64000.00 lb

Final 64000.00 lb

Depth to Bottom Packer: ft

Interval between Packers: 36.00 ft Tool Length:

64.00 ft 2

Diameter:

6.75 inches

Number of Packers: Tool Comments:

<b>Tool Description</b>		L	ength (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub		d	1.00		104	4193.00		
Shut In Tool			5.00			4198.00		
Hydraulic tool			5.00			4203.00		
Jars		-	5.00			4208.00		
Safety Joint			3.00			4211.00		
Packer			5:00			4216.00	28.00	Bottom Of Top Packer
Packer			4.00			4220.00	20.00	Bottom Of Top Packer
Stubb			1.00			4221.00		
Perforations			1.00			4222.00		
Recorder			0.00	8354	Inside	4222.00		
Recorder			0.00	8520	Outside	4222.00		
Perforations			31.00			4253.00		
Bullnose	1 1		3.00			4256.00	36.00	Bottom Packers & Anchor

Total Tool Length:

64.00



**FLUID SUMMARY** 

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40 Spivey, KS 67142

Johnson Farms #3 Job Ticket: 51663

ft

bbl

psig

DST#: 4

ATTN: Max Lovely

Test Start: 2012.12.10 @ 05:46:30

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

Viscosity:

Water Loss:

Resistivity: Salinity:

Filter Cake:

7.95 in<sup>3</sup> ohm.m

4000.00 ppm inches

9.00 lb/gal

45.00 sec/qt

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure: .

Oil API:

Water Salinity:

deg API ppm

Recovery Information

Recovery Table

Length Description Volume bbl 20.00 100%Mud 0.098 0.00 100' G.I.P. 0.000

Total Length:

20.00 ft

Total Volume:

0.098 bbl

0

Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

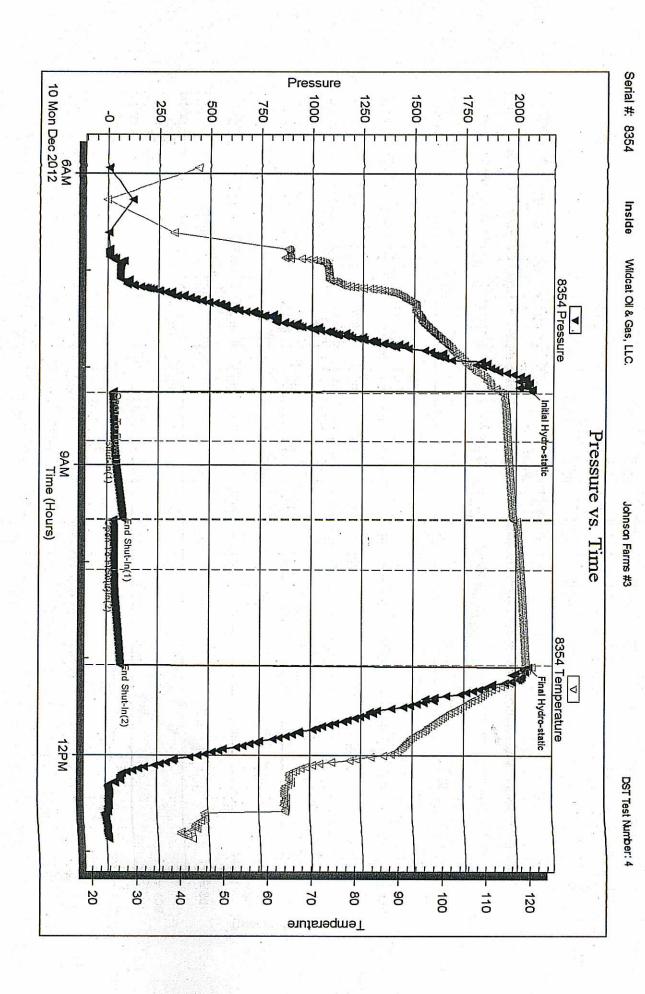
Num Gas Bombs:

Laboratory Location:

Serial #:

Trilobite Testing, Inc.

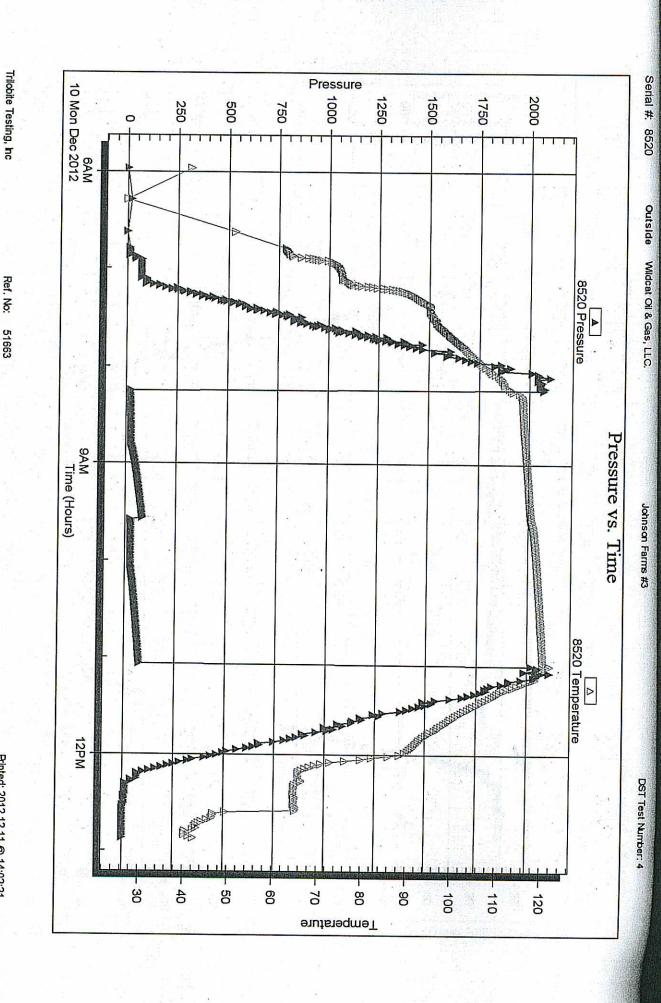
Ref. No: 51663



Trilobite Testing, Inc

Ref. No:

51663



Ref. No: 51663



Prepared For: Wildcat Oil & Gas, LLC.

PO Box 40 Spivey, KS 67142

ATTN: Max Lovely

Johnson Farms #3

18-30s-7w Kingman,KS

Start Date: 2012.12.10 @ 21:39:04
End Date: 2012.12.11 @ 04:15:49
Job Ticket #: 49745 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

JUINSUN FAIIIIS #3

UU # 5

MISS DOIO.

2012.12.10



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

Johnson Farms #3

PO Box 40

Job Ticket: 49745

DST#: 5

ATTN: Max Lovely

Spivey, KS 67142

Test Start: 2012.12.10 @ 21:39:04

#### GENERAL INFORMATION:

Formation:

Miss Dolo.

Deviated:

Whipstock: No

ft (KB)

Time Tool Opened: 23:11:19 Time Test Ended: 04:15:49

Interval:

4271.00 ft (KB) To 4294.00 ft (KB) (TVD)

Total Depth:

4294.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester:

Gary Pevoteaux

Unit No:

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8352 Press@RunDepth:

Inside

25.23 psig @

4272.00 ft (KB) End Date:

2012.12.11

Capacity:

8000.00 psig

Last Calib .:

2012.12.11

2012.12.10 @ 23:10:34

Start Date: Start Time:

2012.12.10 21:39:09

End Time:

04:15:48

Time On Btm:

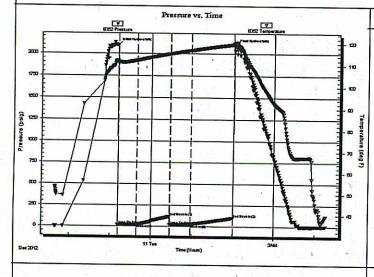
Time Off Btm: 2012.12.11 @ 02:02:49

TEST COMMENT: IF:Weak blow . 1/2 - 1".

ISI:No blow.

FF:Weak blow . 1/2 - 1 1/2".

FSI:No blow.



		Р	RESSUF	RE SUMMARY
Time		Pressure	Temp	Annotation
(Min.)	is:	(psig)	(deg F)	
	0	2097.56	112.11	Initial Hydro-static
	1	15.24	110.77	Open To Flow (1)
2	29	20.41	112.21	Shut-In(1)
7	77	116.78	115.22	End Shut-In(1)
7	77	18.76	115.17	Open To Flow (2)
10	8	25.23	116.80	Shut-In(2)
17	o	101.78	119.55	End Shut-In(2)
17	3	2091.64	120.43	Final Hydro-static
		,		
		A 144 M		

#### Recovery

Length (ft)	Description	Volume (bbl)	
35.00	SOCM <1%o 99%m	0.17	
0.00	50 ft.of GIP	0.00	

Gas Rates

Choke (inches) | Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 49745



Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Spivey, KS 67142

Job Ticket: 49745

Johnson Farms #3

DST#:5

ATTN: Max Lovely

Test Start: 2012.12.10 @ 21:39:04

#### GENERAL INFORMATION:

Formation:

Miss Dolo.

Deviated:

Whipstock: No

ft (KB)

Time Tool Opened: 23:11:19 Time Test Ended: 04:15:49

Interval:

4271.00 ft (KB) To 4294.00 ft (KB) (TVD)

Total Depth:

4294.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester:

Gary Pevoteaux

Unit No:

Reference Elevations:

1527.00 ft (KB)

1517.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8370

Press@RunDepth:

Outside

psig @ 2012.12.10

4272.00 ft (KB) End Date:

2012.12.11

Capacity:

8000.00 psig

Last Calib .:

Start Date: Start Time:

21:33:24

End Time:

04:13:48

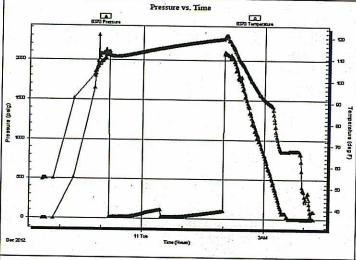
Time On Btm: Time Off Btm: 2012.12.11

TEST COMMENT: IF:Weak blow . 1/2 - 1".

ISI:No blow.

FF:Weak blow . 1/2 - 1 1/2".

FSI:No blow.



PF	RESSUR	RE SUMMARY
ıre	Temp	Annotation

	. Time (Min.)	(psig)	Temp (deg F)	Annotation
Temperature (deg F)				
re (deg F)				
			· · · · · · · · · · · · · · · · · · ·	
1	200			

Recovery

Length (ft)	Description	Volume (bbl)
35.00	SOCM <1%o 99%m	0.17
0.00	50 ft.of GIP	0.00
		er v
		Section 1

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 49745



**TOOL DIAGRAM** 

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40 Spivey, KS 67142

Johnson Farms #3 Job Ticket: 49745

DST#: 5

ATTN: Max Lovely

Test Start: 2012.12.10 @ 21:39:04

Tool Information

Drill Pipe:

Drill Collar:

Tool Length:

Heavy Wt. Pipe: Length: Length:

Length: 4152.00 ft Diameter:

0.00 ft Diameter: 115.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

58.24 bbl 0.00 bbl 0.57 bbl 58.81 bbl

Tool Weight: Weight set on Packer: 24000.00 lb

2400.00 lb Weight to Pull Loose: 93000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

Depth to Bottom Packer:

Interval between Packers:

16.00 ft 4271.00 ft

23.00 ft 43.00 ft

2

Tool Chased 2.00 ft String Weight: Initial 64000.00 lb

Final 64000.00 lb

Number of Packers: Tool Comments:

6.75 inches

500								
Tool Descript	ion		Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub			1.00			4252.00		
Shut in tool			5.00			4257.00		
HMV			5.00			4262.00		
Packer			4.00			4266.00	20.00	Bottom Of Top Packer
Packer			5.00			4271.00		Dettern of Tep Facker
Stubb		T = T	1.00			4272.00		
Recorder		12 . 49	0.00	8352	Inside	4272.00		
Recorder			0.00	8370	Outside	4272.00		
Perforations			17.00			4289.00		
Bullnose			5.00			4294.00	23.00	Bottom Packers & Anchor
	Total Too	l Length	h: 43.00					Tenerin denere d'Anerior



**FLUID SUMMARY** 

Wildcat Oil & Gas, LLC.

18-30s-7w Kingman, KS

PO Box 40

Spivey, KS 67142

Johnson Farms #3

Job Ticket: 49745

ft

bbl

psig

DST#: 5

ATTN: Max Lovely

Test Start: 2012.12.10 @ 21:39:04

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal 45.00 sec/qt

Mud Weight: Viscosity:

Water Loss:

Resistivity:

Filter Cake:

Salinity:

0.00 ohm.m 5000.00 ppm 0.20 inches

6.39 in<sup>3</sup>

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity:

5000 ppm

**Recovery Information** 

Recovery Table

Length ft Description Volume 35.00 SOCM <1%o 99%m 0.172 0.00 50 ft.of GIP 0.000

Total Length:

35.00 ft

Total Volume:

0.172 bbl

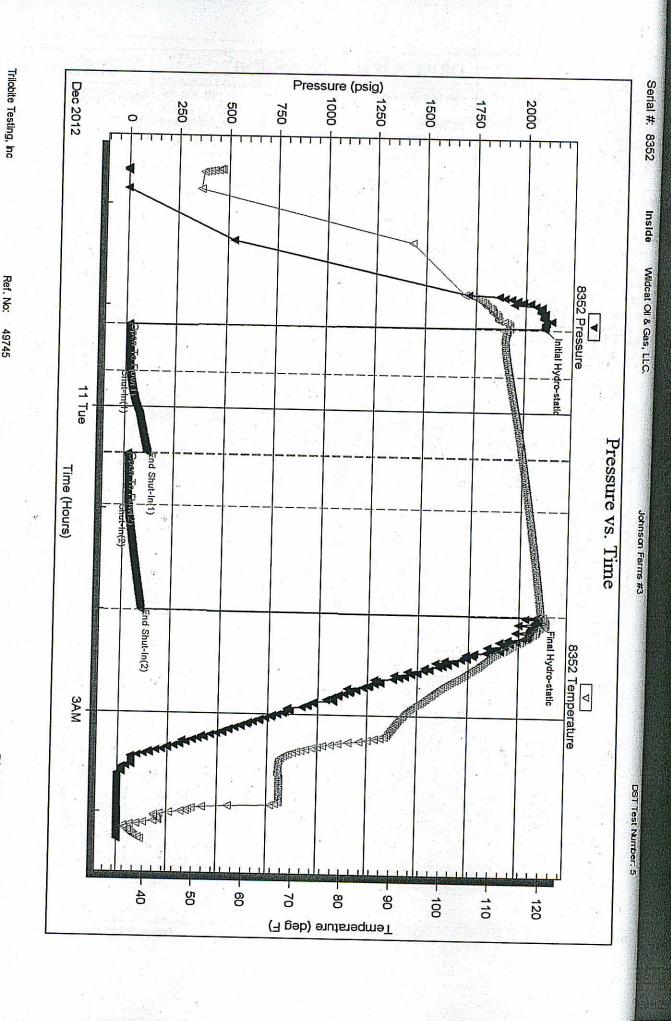
Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs: Laboratory Location: Serial #: none

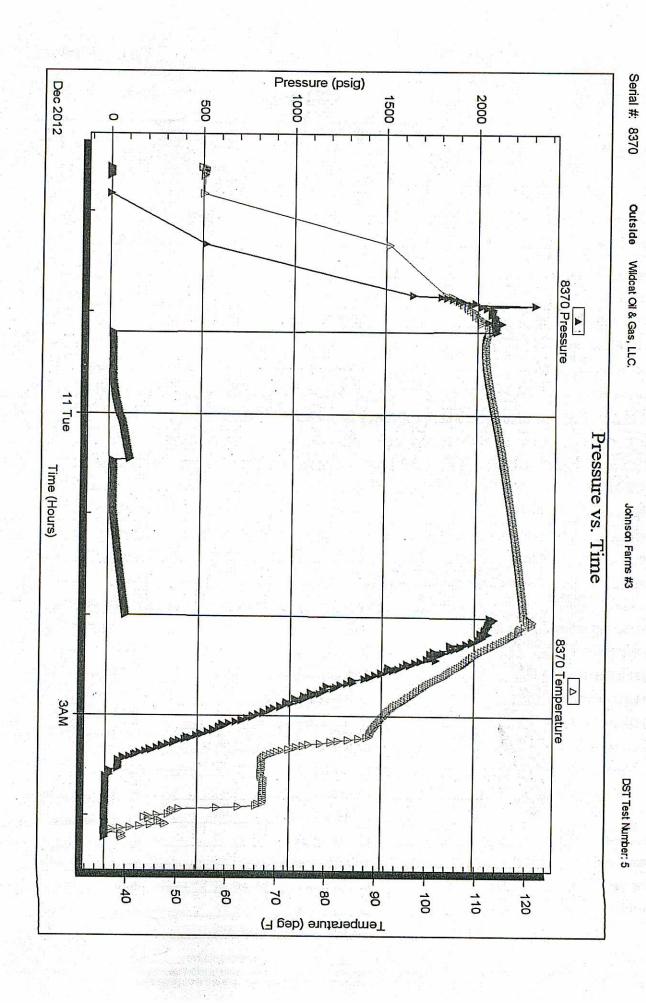
Recovery Comments:

Trilobite Testing, Inc.

Ref. No: 49745



Ref. No: 49745



Trilobite Testing, Inc.

Ref. No:

49745



1515 Commerce Parkway - Hays, Kansas 67601

# **Test Ticket**

Well Name & No. John Son	Folms # 3	Test No	1 Date 12-6-12
Company Wildow Oil	LGas. UC,	and the second second second	527 KB 1515
Address P.O. Box 40	Sprier, KS 6	17142	
Co. Rep/Geo. Max Lovel	V 1-12	Rig HOL	d= #I
	<u> 305 Rge. 7W</u>		SMON State KS
Interval Tested 3697-37	Zone Tested	KC	
Anchor Length ZO	Drill Pipe Run		Mud Wt. 9,5
Top Packer Depth 3692	Drill Collars Run	113,64	vis 44
Bottom Packer Depth 3697	Wt. Pipe Run		w. 9.2
Total Depth 3717	Chlorides 40	- A	System LCM
Blow Description IF- STLONG		TATALAN TO THE REST OF THE PARTY OF THE	Minutes 15 second
	I second But		2711614111111111111111111111111111111111
	Blow, BOB in		
FST-Retura 3			sicks
Rec 318 Feet of Much	THE CONTRACTOR AND SERVICE SPECIAL PROPERTY OF THE PARTY	%gas	%oil 85 %water /5
RecFeet of		%gas	%oil %water %
RecFeet of		%gas	%oil %water
Rec Feet of		%gas	%oil %water
Rec Feet of 865	GIP,	%gas	%oil %water
Rec Total 3/8 BHT	[Z4] Gravity	API RW_418 @	711 . 740-
.070		Control of the second second	
A) Initial Hydrostatic <u>1839</u>	D Test 1150		T-On Location (1)3(1)
710	Test 1150		T-On Location 2030 T-Started 2128
B) First Initial Flow 49			T-On Location <u>2030</u> T-Started <u>2120</u> T-Open <u>2306</u>
B) First Initial Flow 49 C) First Final Flow 104			T-Started Z1ZO
B) First Initial Flow 49  C) First Final Flow 104  D) Initial Shut-In 1724	☐ Jars 250 ☐ Safety Joint 75 ☐ Circ Sub		T-Started <u>Z1Z0</u> T-Open <u>Z3O6</u>
B) First Initial Flow 49  C) First Final Flow 104  D) Initial Shut-In 1224  E) Second Initial Flow 113	☐ Jars 250 ☐ Safety Joint 75 ☐ Circ Sub ☐ Hourly Standby _	v>	T-Started <u>Z1Z0</u> T-Open <u>Z306</u> T-Pulled <u>Z55</u>
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170	☐ Jars 250 ☐ Safety Joint 75 ☐ Circ Sub ☐ Hourly Standby ☐ Mileage 50		T-Started <u>Z1Z0</u> T-Open <u>Z3O6</u> T-Pulled <u>Z3S</u> T-Out <u>0500</u>
B) First Initial Flow 49  C) First Final Flow 104  D) Initial Shut-In 1724  E) Second Initial Flow 113  F) Second Final Flow 170  G) Final Shut-In 1098	☐ Jars 250 ☐ Safety Joint 75 ☐ Circ Sub ☐ Hourly Standby ☐ Mileage 5 ☐	v>	T-Started <u>Z1Z0</u> T-Open <u>Z3O6</u> T-Pulled <u>Z3S</u> T-Out <u>0500</u>
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1724 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098	☐ Jars	v>	T-Started <u>Z1Z0</u> T-Open <u>Z3O6</u> T-Pulled <u>Z3S</u> T-Out <u>0500</u>
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804	Dars	v>	T-Started <u>Z120</u> T-Open <u>Z306</u> T-Pulled <u>Z555</u> T-Out <u>0500</u> Comments <u>Barr-2117</u>
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804 (nitial Open 30	D Jars 250     D Jars 250     D Safety Joint 75     Circ Sub	155	T-Started
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804  nitial Open 30  nitial Shut-In 60	Dars	XZ155	T-Started 2120 T-Open 2306 T-Pulled 255 T-Out 0500 Comments 827-2117  □ Ruined Shale Packer □ Ruined Packer □ Extra Copies Sub Total 0
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804  nitial Open 30 nitial Shut-In 60	Dars	155	T-Started 2120 T-Open 2306 T-Pulled 235 T-Out 0500 Comments Barr-2117
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804  nitial Open 30  nitial Shut-In 60	Dars 250	155	T-Started 2120 T-Open 2306 T-Pulled 255 T-Out 0500 Comments 827-2117  □ Ruined Shale Packer □ Ruined Packer □ Extra Copies Sub Total 0
(B) First Initial Flow 49 (C) First Final Flow 104 (D) Initial Shut-In 1224 (E) Second Initial Flow 113 (F) Second Final Flow 170 (G) Final Shut-In 1098 (H) Final Hydrostatic 1804  nitial Open 30 nitial Shut-In 60	Dars	155	T-Started 2120 T-Open 2306 T-Pulled 235 T-Out 0500 Comments Barr-2117



# **Test Ticket**

1515 Commerce Parkway - Hays, Kansas 67601

Well Name & No. Johnson Fas	WS#3		>	12.5	.>
Company Widear OS + Com	Tack to the same and the same		<u></u>	Date 12-7-	1 <u> </u>
Address P.O. Bex 40	Spiver K	THE RESERVE TO SERVE THE PARTY OF THE PARTY	527	KB /5/2	SGL
Co. Rep/Geo. Max Lavely	Sprey, No	7/	1d=#	7	
	3_Rge	Rig <u> </u>	remar	<u></u>	1/5
Interval Tested 3792-3818	the state of the s	A STATE OF THE STA	Qvia C	State/	<u> </u>
Anchor Length Z6	Zone Tested _S	7/17	<del></del>	011	<u> </u>
Top Packer Depth 3787	Drill Pipe Run Drill Collars Run			lud Wi. 7.4	
Bottom Packer Depth, 3292		A real property of the second contraction	<u>V</u>	is <u>55</u>	40
Total Depth 3878	Wt. Pipe Run Chlorides 3		N	12.0	
Blow Description IF Weak butto	Chlorides	ppn	n System Lo	см <u> </u>	en de production de la constante de la constan
IST-No Revuy	rationary E	WITE YO	10 20	<u> </u>	
FF- Weak building bl	and Rust		7,		
FST-NO RETURN	ew, euror	105/20	chos		
Rec_130 Feet of Muddy Wa	2501	%gas	(a/ = y S	%water 2	>0
Rec Feet of	******	%gas	<u>%oil</u> ≥ %oil		%muc
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of	raman alak in amakan pering di Jak Alaksan	%gas	%oil	%water	%mud
Rec Feet of 235'67	-A.	%gas	%oil	%water	%mud
Rec Total 130 BHT 170	Gravity	the state of the s	1991-19 DOMESTIC	%water Inlorides <b>38 00</b>	%mud
(A) Initial Hydrostatic/8.58	Test 1150			tion 1830	
(B) First Initial Flow	D Jars 250		T-Started	1900	
(C) First Final Flow 69	Safety Joint 75		T-Openc	2025	
(D) Initial Shut-In/384	☐ Circ Sub	200-00-00-00-00-00-00-00-00-00-00-00-00-	T-Pulled 2	330	
(E) Second Initial Flow 78	☐ Hourly Standby_		T-Out C	143	or new oracle was
F) Second Final Flow 92	Mileage 50	Arran II	Comments	BOTT-184	3
G) Final Shut-In <u>1375</u>	☐ Sampler				1
H) Final Hydrostatic <u>1853</u>	☐ Straddle				
	☐ Shale Packer	and the second of the second		Shale Packer	
nitial Open <u>30</u>	☐ Extra Packer	March Cale Page Strate Control	☐ Ruined	The state of the state of	
nitial Shut-In60		source of the second		opies	
inal Flow30	☐ Day Standby		Sub Total Total16	A Star II I rep 4	
inal Shut-In 6.0	☐ Accessibility	FOR DEPARTMENT OF STREET	MP/DST D	Λ	1
	Sub Total 1630			N N	/
Approved By	Our	Representative	/	1. 101	4
rilobite Testing Inc. shall not be liable for damaged of any kind of the property quipment, or its statements or opinion concerning the results of any test, tools	or narronnal of the and to the		uttered or sustained, d	meetly or indirectly, through	h the use of its



1515 Commerce Parkway • Hays, Kansas 67601

# **Test Ticket**

The state of the s	J - TO AND PROPERTY OF THE PRO		the Color of the Market Color State of	the state of the second second second	of the book according
Well Name & No. Johns	son Fours #3	Test No.	3	Date 12-9-1	Z
company Wildcar a	OSI + Bas, LLC	Elevation/	to be such a state of the little and the little	KB 1515	
Address P.O. Box 40	2 Shipley KS	67142			
Co. Rep / Geo. Max Los	vely "	Rig Ha	dr #1		
Location: SecTwp	. 308 Age. 7W	co King	eman	State 🔑	3
Interval Tested 4/87-47	09 Zone Tested	MISSISSI	ppian		
Anchor Length Z/	Drill Pipe Run			ud WI. 9, 2	
Top Packer Depth 4182	Drill Collars R	un 113,64	Vi	s 45	a barra d
Bottom Packer Depth 4/87	Wt. Pipe Run	<u> </u>	w	L 8.0	
Total Depth 4209	Chlorides	4000 ppn	System LC	M_Z#	
Blow Description IF STU	ong building bloi	U. BOB @	30 sec	aids, 67	269
	@ 14 minures, 1				
FF- Strang buil	dra blow. BOB 6	2 30 seco	ands, GT.	S TSTM	
ーー/) () へ ·/	1/2 MAINTES BUST	general extremely therefore the selection of the sec-	THE CHARLES HOW TO SEE THE		
		25 %gas 2	State and the second second	O %water &	10 %m
Rec Feet of		%gas	%oil	%water	%m
Rec Feet of		%gas	%oil	%water	%mi
Rec Feet of	the state of the s	%gas	%oil	%water	%mi
Rec Feet of	3870'6,I,P,	%gas	%oil	%water	%m(
Rec Total 240 B	HT <u>176</u> Gravity	API RW@		hlorides	рр
(A) Initial Hydrostatic 2054				tion <u>///5</u>	
(B) First Initial Flow 22	Jars 25	0	T-Started	1200	
(C) First Final Flow 94	□ Safety Joint _	75	T-Open/	<u> </u>	
(D) Initial Shut-In 166	Circ Sub		T-Pulled /	730	
(E) Second Initial Flow 25	☐ Hourly Standb	y	T-Out		57
(F) Second Final Flow 105	🖒 Mileage	April 1997 - Strang Strang Strang Strang Strang Strang Strang Strang	Comments	BAT-1143	3
(G) Final Shut-In <u>/83</u>	□ Sampler		· · · · · · · · · · · · · · · · · · ·		
(H) Final Hydrostatic <u>1289</u>	□ Straddle		D Dilace	l Shale Packer	
The Stranger and Table	☐ Shale Packer_		The single-part	STEPPEN TO SEE STEPPEN STEP	
Initial Open <u>30</u>	D Extra Pecker _	· extra remain a literary and a second		l Packer Copies	
Initial Shut-In 45	- And	r		316.67	
Final Flow 60	Day Standby		74.5 (F. 15.5)	2046.67	
Final Shut-In 90	n e e e e e e e e e e e e e e e e e e e		MP/DST-		1
	Ass. Mate	30	< - C	7 V	
Approved By		Our.Representative		Das-	
Trilobite Testing Inc. shall not be liable for damaged of a equipment, or its statements or opinion concerning the	iny kind of the property or personnel of the one for wh	om a test is made, or for any loss			n the useti



1515 Commerce Parkway • Hays, Kansas 67601

# **Test Ticket**

	en franske med en skappe skrige på og grede av regelige på skrige	COLDERAGE AT THE RESIDENCE OF					
Well Name & No. John Son	Faims 43	Test No.	4	Date 12-10	-17		
Company Wildcar Oil	+Gas. 11-C	Elevation	_/ 577	A Section 1 - Hardware	$\frac{\iota \smile}{\varepsilon}$		
Address P.O. Box 4	2 Salvey 165			_ KB <u>/5/.</u>	<u>)</u> GL		
$\wedge i$	elv 7)	Rig /+a	ud +	1			
the same of the same of the Verbulantees and the same	36 S Age. 7W	co. /1/7	reman	State K	<u>7</u>		
nterval Tested 4220 - 4756	Zone Tested	MISSISSH	hio.				
Anchor Length 36	Drill Pipe Run	4093		ud WI. 92			
op Packer Depth 4215	Drill Collars Rur	113,64	w. Vi	71-			
ottom Packer Depth 4220	Wt. Pipe Run	A)	vi	0 0			
otal Depth <u>4256</u>	Chlorides 4	200	System LC		et des		
Blow Description IF Weak &	A SALAR SALA		7 Sucles				
IST No Return	MEINTH & CLOSE ! 15	1016, 10.	LIXCRES	(			
Control of the contro	How, Burly 7	a Runda					
SI-No ROTULA	Court furth f		· ·				
ec_ZOFeet of Mud		%qas	%oil	%water /	20 %mu		
ecFeet of		%gas	%oil	%water	%mu		
ec Feet of		%qas	%oil	%water	%mu		
ecFeet of		%gas	%oil	%water	%mu		
ecFeet of/0 C	GIP.	%gas	%oil	%water	%mu		
Rec Total ZO BHT	Cravity	_API RW@		hlorides			
A) Initial Hydrostatic 707	D Test 1250			tion <u>0.500</u>			
3) First Initial Flow Z5	D Jars 250			T-Started <u>0615</u>			
C) First Final Flow36				T-Open_0815			
D) Initial Shut-In 79				T-Pulled //00			
E) Second Initial Flow 33		D Hourlý Standby		T-Out <u>130</u> 0			
F) Second Final Flow 36		55	Comment	BOUT-05	H		
G) Final Shut-In 69			- المستند	<del></del>			
フカノス			, <u> </u>	П о лемован очна			
Trinarryorosiano	The state of the s	☐ Shale Packer		☐ Ruined Shale Packer			
nitial Open 30		_ D Extra Packer		☐ Ruined Packer			
nitial Shut-In 45				☐ Extra Copies			
inal Flow30 ,		Day Standby		Total 1730			
inal Shut-In 60		☐ Accessibility		MP/QST/Disd't			
	Sub Total 1730			10/			
Do.		ur Representative_		COL			
Approved By							



P.O. Box 1733 • Hays, Kansas 67601

# **Test Ticket**

No. 49745

~	<b>5</b> # 2	
Well Name & No. SOUNSON	1 A	S Date 12-10-
Company WILDCAT O'LL	Elevation_	1527 KB 1517
	PINGY KS. 67142	
Co. Rep / Geo. MAX LOUELY		RDT DIRLG.#1
Location: Sec Twp 30-	5 Rge. <u>てい</u> Co. <u>く</u> ご	NGMAN State KS
Interval Tested 4271 - 4294	Zone Tested MISS.	Dolo.
Anchor Length 23	A SA SAME AND A SAME A	52 Mud Wt. 9.3
Top Packer Depth 426	Drill Collars Run	0_ vis 45
Bottom Packer Depth	Post Park Indiana Company Company	15 WL 6.400
Total Depth U290	Chlorides 5,000 ppr	m System LCM 2本
Blow Description TF: Went le		ST: No blow.
	, , , , , , , , , , , , , , , , , , , ,	
FF: Wide Islow. '	12 - 1/2". FSI	: No leter .
		4.50.000
	Casin puzz %gas	%oil %water %
Rec 35 Feet of SOLM	%gas 4	الم
Rec Feet of	. %gas	%oil %water %
RecFeet of	%gas	%oil %water %i
Rec Feet of	%gas	%oil %water %i
Rec Total 35 BHT 10	이 그는 그들은 이 사람이 모면에 나를 가지 않을 때문을 때문을 하면 하면 하면 하면 하면 하면 하면 하면 하는 그는 그를 하는 것이다.	@°F Chlorides
(A) Initial Hydrostatic 2098	[9 Test 1250	T-On Location 2(02
(B) First Initial Flow	TE Sans	T-Started 2139
(C) First Final Flow	☐ Safety Joint	T-Open23\\
(D) Initial Shut-In	☐ Circ Sub	T-Pulled <u>0201</u>
(E) Second Initial Flow	☐ Hourly Standby	T-Out OUS
(F) Second Final Flow	Mileage 102 155	Comments
(G) Final Shut-In	☐ Sampler	
(H) Final Hydrostatic 2092	☐ Straddle	- 🔲 Ruined Shale Packer
<b></b>	☐ Shale Packer	Ruined Packer
Initial Open	☐ Extra Packer	☐ Extra Copies
Initial Shut-In	☐ Extra Recorder	
Final Flow	Day Standby	Total 1405
Final Shut-In LO	☐ Accessibility	MP/DST'Qisc'l
21/1	Sub Total 1405	
Approved By US 4 Inoly	Our Representative	say Hurolean

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