

KANSAS CORPORATION COMMISSION 1085172
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

OPERATOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Address 1: 100 S MAIN STE 505
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 3738
Contact Person: Larry J. Richardson
Phone: (316) 262-8427
CONTRACTOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Jerry Smith
Purchaser: N/A

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SLOW
☐ Gas ☒ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: _____ Plug Back Total Depth: _____
☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ ENHR Permit #: _____
☐ GSW Permit #: _____

05/30/2012	06/08/2012	06/09/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-21999-00-00
Spot Description: 80' S & 70' W of E/2 E/2 NE
NW NE SE NE Sec. 15 Twp. 15 S. R. 26 ☐ East ☒ West
1400 Feet from ☒ North / ☐ South Line of Section
400 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☒ NE ☐ NW ☐ SE ☐ SW
County: Gove
Lease Name: Miller 'L' Well #: 1
Field Name: _____
Producing Formation: N/A
Elevation: Ground: 2403 Kelly Bushing: 2409
Total Depth: 4327 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 268 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 268
feet depth to: 0 w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 20000 ppm Fluid volume: 850 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Pickrell Drilling Co. Inc.
Lease Name: Dumler 1 License #: 5123
Quarter N2 Sec. 11 Twp. 17 S. R. 26 ☐ East ☒ West
County: Ness Permit #: 15-135-19057-00-00

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: Danna Gortoo Date: 06/25/2012



1085172

Operator Name: Pickrell Drilling Company, Inc. Lease Name: Miller 'L' Well #: 1
 Sec. 15 Twp. 15 S. R. 26 ☐ East ☒ West County: Gove

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No Electric Log Submitted Electronically ☒ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run: Radiation Guard	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <tr> <td style="width: 33%;">Name</td> <td style="width: 33%;">Top</td> <td style="width: 33%;">Datum</td> </tr> <tr> <td>Attached</td> <td>Attached</td> <td>Attached</td> </tr> </table>	Name	Top	Datum	Attached	Attached	Attached
Name	Top	Datum					
Attached	Attached	Attached					

CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, 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
Surface Casing	12.25	8.625	23	268	Class A	175	2% gel, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing				
— Plug Back TD				
— Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☒ No						
Date of First, Resumed Production, SWD or ENHR.	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____					
Estimated Production Per 24 Hours	<table style="width: 100%;"> <tr> <td>Oil Bbls.</td> <td>Gas Mcf</td> <td>Water Bbls.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	Miller 'L' 1
Doc ID	1085172

Tops

T/Anhydrite	1837	+ 572
B/Anhydrite	1875	+ 534
Heebner	3650	(-1241)
Lansing	3687	(-1278)
Stark	3932	(-1523)
Pawnee	4126	(-1717)
Fort Scott	4193	(-1784)
Cherokee	4219	(-1810)
Mississippian	4296	(-1887)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc

100 S Main STE 505
Wichita KS. 67202

ATTN: Jerry Smith

15-15s-26w Gove Co. KS

#1 Miller " L "

Job Ticket: 45896

DST#: 1

Test Start: 2012.06.07 @ 17:52:05

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:11:00

Time Test Ended: 01:03:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: 4235.00 ft (KB) To 4307.00 ft (KB) (TVD)

Total Depth: 4307.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2409.00 ft (KB)

2402.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8652 Inside

Press@RunDepth: 49.11 psig @ 4236.00 ft (KB)

Start Date: 2012.06.07

End Date:

2012.06.08

Start Time: 17:52:05

End Time:

01:03:59

Capacity: 8000.00 psig

Last Calib.: 2012.06.08

Time On Btm: 2012.06.07 @ 20:06:45

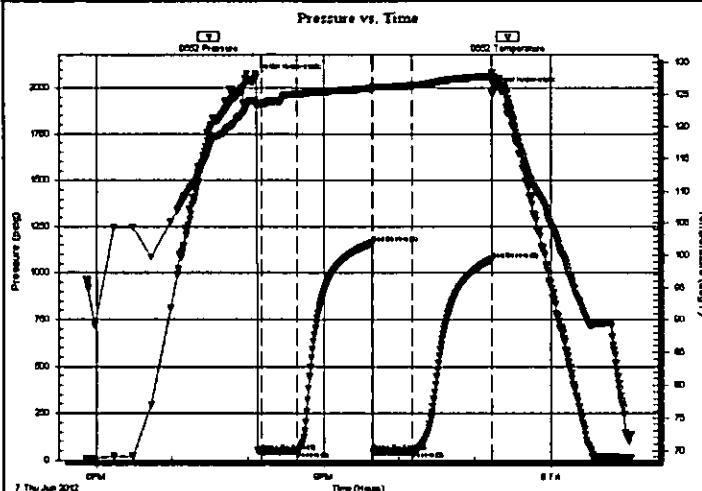
Time Off Btm: 2012.06.07 @ 23:13:59

TEST COMMENT: IF- Weak Surface Blow Built to 1"

IS- No Blow

FF- Weak Surface Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.70	123.36	Initial Hydro-static
5	47.35	123.59	Open To Flow (1)
33	50.00	125.10	Shut-In(1)
92	1158.33	126.01	End Shut-In(1)
93	45.73	126.15	Open To Flow (2)
124	49.11	126.43	Shut-In(2)
187	1070.98	127.88	End Shut-In(2)
188	1986.28	128.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
28.00	GOCM 4%g 7%oil 89%r	0.39
2.00	GO 6%g 94%oil	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc

15-15s-26w Gove Co. KS

100 S Main STE 505
Wichita KS. 67202

#1 Miller " L "

Job Ticket: 45896

DST#: 1

ATTN: Jerry Smith

Test Start: 2012.06.07 @ 17:52:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 75.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
28.00	GOCM 4%g 7%oil 89%m	0.393
2.00	GO 6%g 94%oil	0.028

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

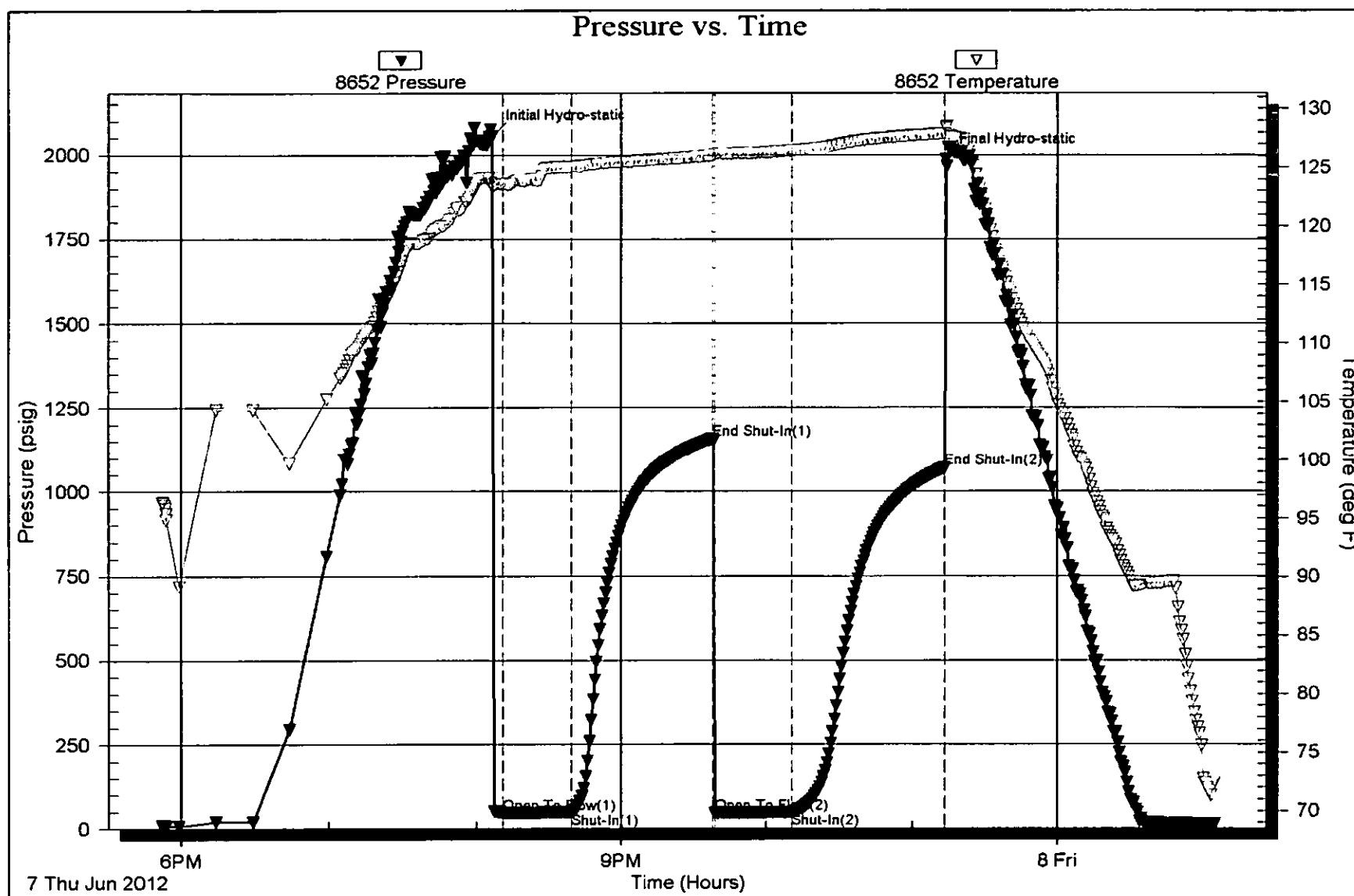
Recovery Comments: Not enough oil to get API

Serial #: 8652

Inside Pickrel Drilling Co. Inc

#1 Miller "L"

DST Test Number: 1

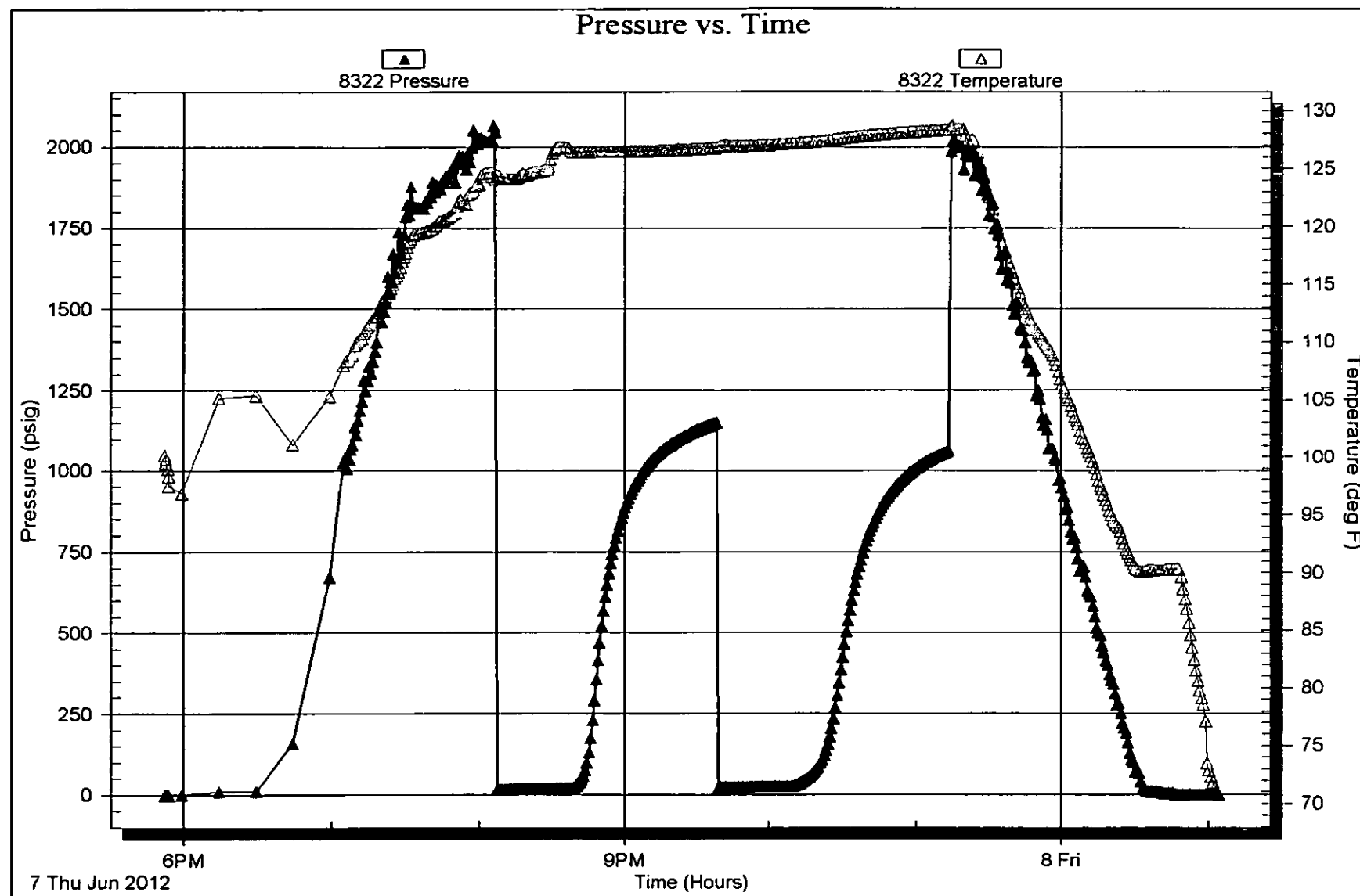


Serial #: 8322

Outside Pickrell Drilling Co. Inc

#1 Miller "L"

DST Test Number: 1





PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 33992
LOCATION Oakley Ks
FOREMAN Walt H Dinkel

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-8-12	6342	Miller "L" #1	15	153	26 W	Gove
CUSTOMER McKrell Dals			Utica			
MAILING ADDRESS			4N	TRUCK #	DRIVER	TRUCK #
			1W	399	Damon Miller	
			4N	460	Thomas Burns	
			WIS.			
CITY	STATE	ZIP CODE				

JOB TYPE	PTA -O	HOLE SIZE	HOLE DEPTH	4322'	CASING SIZE & WEIGHT
CASING DEPTH		DRILL PIPE	4 1/2 xH	TUBING	OTHER
SLURRY WEIGHT		SLURRY VOL		WATER gal/sk	CEMENT LEFT in CASING
DISPLACEMENT		DISPLACEMENT PSI		MIX PSI	RATE

REMARKS: Safety meeting, Rig up on Pickrell #10, Plug ups ordered

25 SKS $\square$ 1850'
100 SKS $\square$ 825'
40 SKS $\square$ 325'
10 SKS $\square$ 60' w/ Plug
30 SKS in R.H.

Thank You
Walt & Crew

[illegible]

Bayán 3737

AUTHORIZATION 1192014 TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 33964
LOCATION Cattay
FOREMAN Fuzz

FIELD TICKET & TREATMENT REPORT CEMENT

K 3

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-30-12	6342	m:llrk L #1	15	153	26w	Gove
CUSTOMER Pickrell Dnls			UTICA			
MAILING ADDRESS			4w- 1w- 3 1/2 w win			
CITY		STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #
				463	Cory D	
				439	Cody R	

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4</u>	HOLE DEPTH <u>272'</u>	CASING SIZE & WEIGHT <u>8 5/8</u>
CASING DEPTH <u>272'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>14.7</u>	SLURRY VOL <u>1.36</u>	WATER gal/sk <u>6.5</u>	CEMENT LEFT in CASING <u>20'</u>
DISPLACEMENT <u>16 BBL</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____
REMARKS: <u>Safety meeting on Pickett #10. Rig up and circulate</u> <u>mix 175 sacks class A 300cc 2% oil, Displace 16 BBLs</u> <u>and shut in. Cement did circulate approx 5 BBLs to pit.</u>			

THANKS, Kuz46.
Cruz

[illegible]

Rayin 3737

AUTHORIZATION

TITLE

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.