



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1157808
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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.

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: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1157808

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pollok Energy, LLC
Well Name	Circle D 25-9
Doc ID	1157808

All Electric Logs Run

ARRAY INDUCTION
NEUTRON DENSITY
MICROLOG
SONIC

ALLIED OIL & GAS SERVICES, LLC 061033

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

DATE <u>11-14-13</u>	SEC. <u>25</u>	TWP. <u>26</u>	RANGE <u>27</u>	CALLED OUT <u>7:30 PM</u>	ON LOCATION <u>11:30 PM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>Circle 1</u> WELL # <u>25-9</u>			LOCATION <u>E N 1/4 N 5 1/4 N, E/4 Int</u>		COUNTY <u>Parag</u>	STATE <u>Ka</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke # 6

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1421'

CASING SIZE 8 5/8 DEPTH 1421'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 40.73'

CEMENT LEFT IN CSG. 40.73'

PERFS. _____

DISPLACEMENT 87.92

OWNER Same

CEMENT AMOUNT ORDERED 800 lbs class A

3% cc 2% gel

EQUIPMENT

PUMP TRUCK CEMENTER Tom Disher

597 HELPER Charles Kingen

BULK TRUCK # 599 DRIVER Dustin Chambers

BULK TRUCK # 610-241 DRIVER Dan Cooper

COMMON	<u>800</u>	@ <u>17.90</u>	<u>14320.00</u>
POZMIX		@	
GEL	<u>15</u>	@ <u>23.40</u>	<u>351.00</u>
CHLORIDE	<u>2256</u>	@ <u>.80</u>	<u>1.804.80</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>865.06</u>	@ <u>2.48</u>	<u>2.145.84</u>
MILEAGE	<u>39.47 x 55 x</u>	<u>2.60</u>	<u>5.644.21</u>
			TOTAL <u>24.265.35</u>

REMARKS:

Run 1421' of 8 5/8 csg. Bore Circulation Pumped 5 bbls H2O mixed 800 lbs class A, 3% cc 2% gel. Released Plug. Displaced with H2O. Landed Plug at 900 #. Released + float held. Cement did circulate.

SERVICE

DEPTH OF JOB	<u>1421'</u>		
PUMP TRUCK CHARGE		<u>2213.75</u>	
EXTRA FOOTAGE <u>1 1/2</u> hr		@ <u>440.00</u>	<u>N/C</u>
MILEAGE <u>Hum 55</u>		@ <u>7.70</u>	<u>423.50</u>
MANIFOLD <u>Head</u>		@ <u>275.00</u>	<u>275.00</u>
Wait Time <u>2 hrs</u>		@ <u>440.00</u>	<u>880.00</u>
<u>Hum 55</u>		@ <u>4.40</u>	<u>242.00</u>

CHARGE TO: Pollok Energy

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 4034.35

PLUG & FLOAT EQUIPMENT

<u>8 5/8"</u>			
AFV INSERT	@ <u>342.81</u>	<u>342.81</u>	
1 - Bonnet	@ <u>559.24</u>	<u>559.24</u>	
5 - Centralizers	@ <u>74.88</u>	<u>374.40</u>	
Rubber Plug	@ <u>131.04</u>	<u>131.04</u>	
	@		

TOTAL 1.407.51

To: Allied Oil & Gas Services, 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 David Hickman

SIGNATURE David Hickman

SALES TAX (If Any) _____

TOTAL CHARGES 29.707.11

DISCOUNT 4.456.96 IF PAID IN 30 DAYS

25.251.04

700.00

24.551.04

last Job Dic

ALLIED OIL & GAS SERVICES, LLC 061970

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

DATE <u>11-25-13</u>	SEC. <u>25</u>	TWP. <u>26</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START <u>1pm</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>Circle D</u>		WELL # <u>29-9</u>		LOCATION <u>Ensign - 5 1/2 N on 24 rd</u>		COUNTY <u>Grocy</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>34 E into</u>			

CONTRACTOR Duke G
 TYPE OF JOB Rotary Plug
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 5/8 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1710'
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. All
 PERFS.
 DISPLACEMENT Fresh water

OWNER
 CEMENT AMOUNT ORDERED 220 SKS 60/40
400 1/4 Flt
 COMMON 132 @ 17.90 2362.80
 POZMIX 88 @ 9.35 822.80
 GEL 8 @ 23.40 187.20
 CHLORIDE @
 ASC @
Flo Seal 55 @ 2.97 163.35
 @
 @
 @
 @
 @
 @
 @
 HANDLING 236.99 @ 2.48 587.74
 MILEAGE 9.88 X 55 X 2.60 142.84
 TOTAL 5,536.73

EQUIPMENT
 PUMP TRUCK CEMENTER Josh Lucas
 # 366 HELPER Ben Maxwell
 BULK TRUCK
 # 344-190 DRIVER Dan Cooper
 BULK TRUCK
 # DRIVER

REMARKS:
On location - rig up - had some meeting
Run 4 1/2 drill pipe - fill backside of plug mud
#1 - 1710 FT - 50 SKS
#2 - 1450 - 50 RH - 30 SKS
#3 - 900 - 50
#4 - 60 - 20 MH - 20 SKS
plug down - Rig down

SERVICE
 DEPTH OF JOB 1710'
 PUMP TRUCK CHARGE 2249.84
 EXTRA FOOTAGE @
 MILEAGE HMM 55 @ 7.70 423.50
 MANIFOLD @
LVM 55 @ 4.40 242.00
 @
 TOTAL 2915.34

CHARGE TO: Pellucci
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

To: Allied Oil & Gas Services, 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.

SALES TAX (If Any) _____
 TOTAL CHARGES 8452.07
 DISCOUNT -1267.81 IF PAID IN 30 DAYS
#7184.26

PRINTED NAME X David Hickman
 SIGNATURE X David Hickman

Thank you!!



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pollok Energy LLC
501N4th PO Box 106
Purcell OK 73080
ATTN: Beth Brock

25-26-27 Gray Co

Circle D #25-9

Job Ticket: 51826

DST#: 1

Test Start: 2013.11.20 @ 23:29:21

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:58:06
 Time Test Ended: 13:22:06
 Interval: **4946.00 ft (KB) To 5065.00 ft (KB) (TVD)**
 Total Depth: 5065.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 2607.00 ft (KB)
 2595.00 ft (CF)
 KB to GR/CF: 12.00 ft

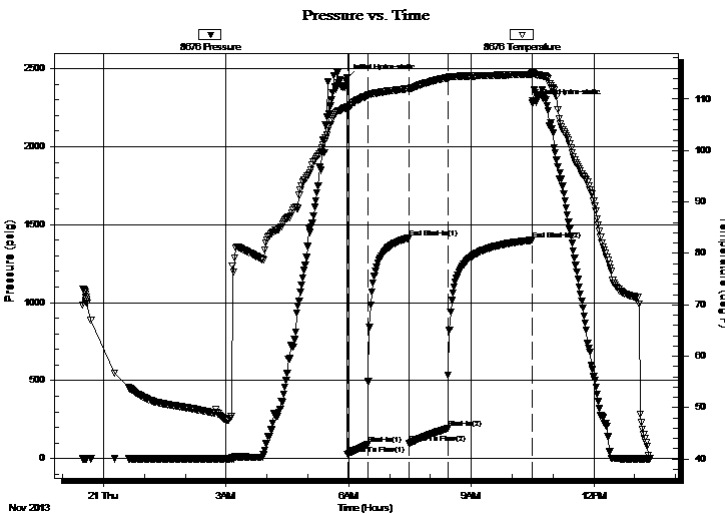
Serial #: 8676

Outside

Press@RunDepth: 194.49 psig @ 4947.00 ft (KB)
 Start Date: 2013.11.20 End Date: 2013.11.21
 Start Time: 23:29:26 End Time: 13:22:06
 Capacity: 8000.00 psig
 Last Calib.: 2013.10.21
 Time On Btm: 2013.11.21 @ 05:57:21
 Time Off Btm: 2013.11.21 @ 10:30:06

TEST COMMENT: IF: Weak blow 3 1/2"
 IS: No blow back
 FF: Fair blow 4 1/2"
 FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2439.57	108.55	Initial Hydro-static
1	25.29	107.95	Open To Flow (1)
31	89.64	110.64	Shut-In(1)
91	1414.43	112.05	End Shut-In(1)
92	95.12	111.75	Open To Flow (2)
149	194.49	114.10	Shut-In(2)
273	1401.29	114.86	End Shut-In(2)
273	2279.01	115.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	MUD	3.79

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pollok Energy LLC

25-26-27 Gray Co

501N4th PO Box 106
Purcell OK 73080

Circle D #25-9

Job Ticket: 51826

DST#: 1

ATTN: Beth Brock

Test Start: 2013.11.20 @ 23:29:21

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	MUD	3.787

Total Length: 270.00 ft Total Volume: 3.787 bbl

Num Fluid Samples: 0

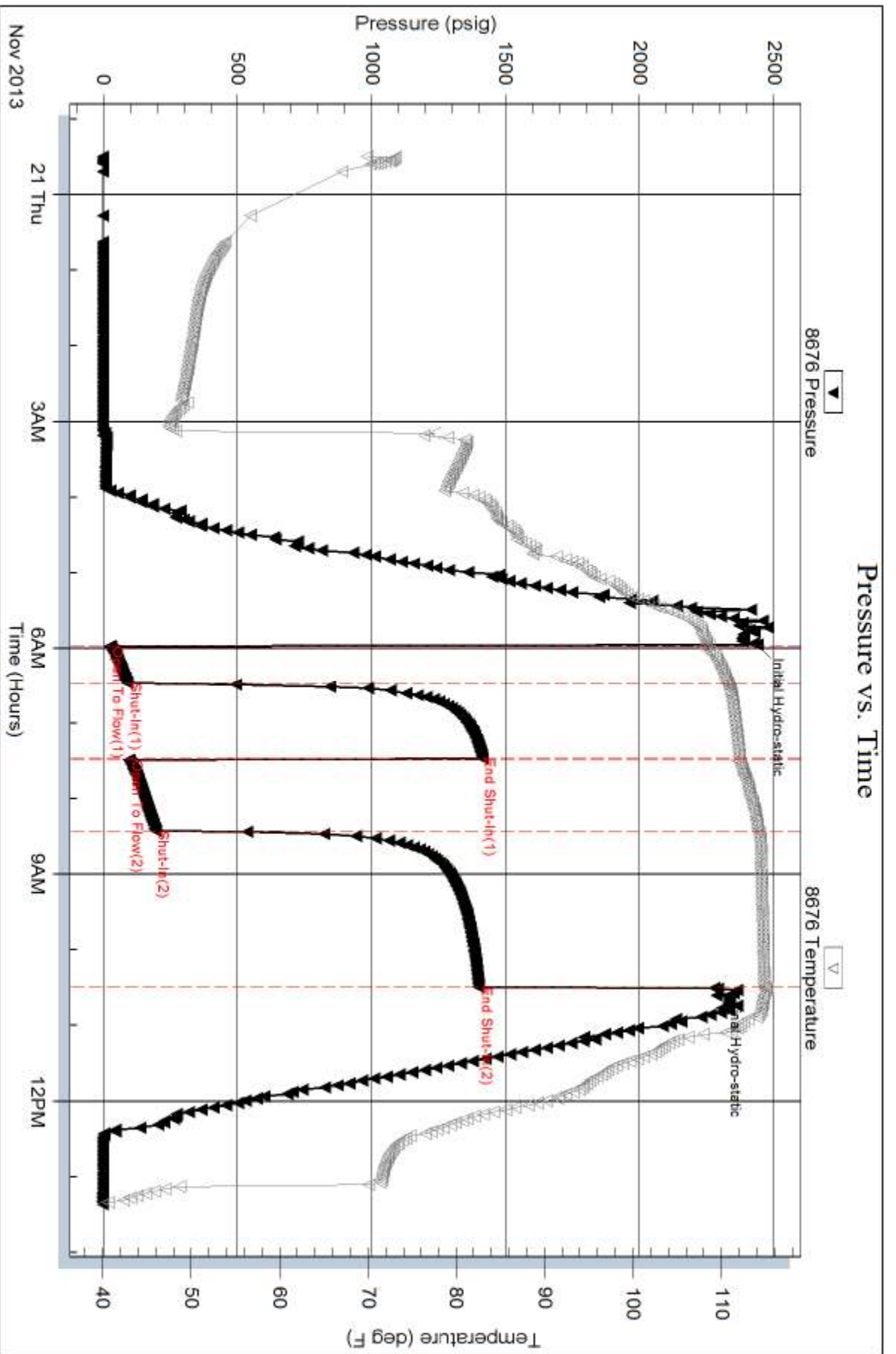
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pollok Energy LLC
501N4th PO Box 106
Purcell OK 73080
ATTN: Beth Brock

25-26-27 Gray Co

Circle D #25-9

Job Ticket: 51827

DST#: 2

Test Start: 2013.10.22 @ 02:32:04

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:04:49
 Tester: Leal Cason
 Time Test Ended: 11:56:04
 Unit No: 47
 Interval: **5054.00 ft (KB) To 5112.00 ft (KB) (TVD)**
 Reference Elevations: 2607.00 ft (KB)
 Total Depth: 5112.00 ft (KB) (TVD)
 2595.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 12.00 ft

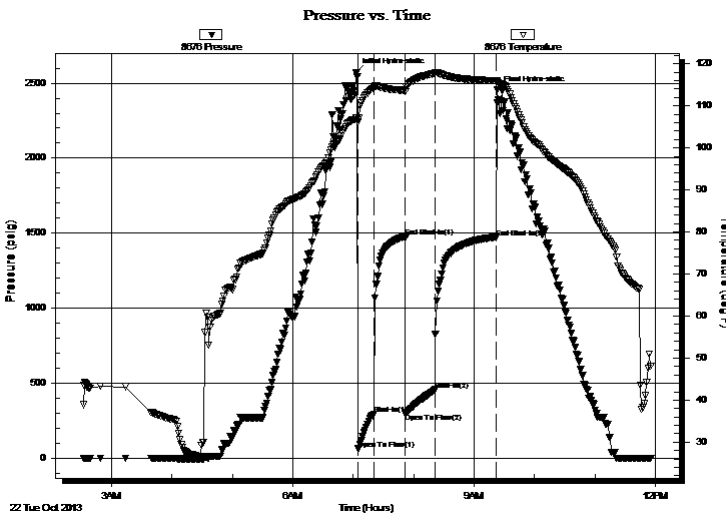
Serial #: 8676

Outside

Press@RunDepth: 457.27 psig @ 5055.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.22 End Date: 2013.10.22 Last Calib.: 2013.10.22
 Start Time: 02:32:09 End Time: 11:56:04 Time On Btm: 2013.10.22 @ 07:02:49
 Time Off Btm: 2013.10.22 @ 09:23:04

TEST COMMENT: IF: Fair Blow , BOB in 4 minutes
 IS: No Blow Back
 FF: Fair Blow , BOB in 8 minutes
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2571.75	107.09	Initial Hydro-static
2	62.66	106.10	Open To Flow (1)
18	291.99	114.40	Shut-In(1)
49	1478.40	113.79	End Shut-In(1)
49	300.64	113.35	Open To Flow (2)
79	457.27	117.78	Shut-In(2)
139	1471.13	115.96	End Shut-In(2)
141	2452.77	115.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
536.00	Water	2.64
279.00	MCW 48%M 52%W	3.91
124.00	Mud	1.74

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pollok Energy LLC

25-26-27 Gray Co

501N4th PO Box 106
Purcell OK 73080

Circle D #25-9

Job Ticket: 51827

DST#: 2

ATTN: Beth Brock

Test Start: 2013.10.22 @ 02:32:04

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:

58000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
536.00	Water	2.636
279.00	MCW 48%M 52%W	3.914
124.00	Mud	1.739

Total Length: 939.00 ft Total Volume: 8.289 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .2 @ 46 degrees

