



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1061238

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

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
_____ 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 <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
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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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	Norton 'Z' Unit 1
Doc ID	1061238

Tops

Name	Top	Datum
T/Anhydrite	1912	+657
B/Anhydrite	1946	+623
Heebner	3846	-1277
Lansing	3887	-1318
Stark	4138	1569
Pawnee	4326	-1757
Fort Scott	4401	-1832
Cherokee Shale	4427	-1858
Mississippi Lime	4504	-1935
Mississippi Dolo	4508	-1939

ALLIED CEMENTING CO., LLC. 037337

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Carroll Bend 205

DATE <u>8-9-11</u>	SEC <u>14</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>1130am</u>	JOB FINISH <u>1230pm</u>
LEASE <u>Norton "2"</u>		WELL # <u>1</u>	LOCATION <u>Utica xcs Eastside 4 south</u>		COUNTY <u>Ne55</u>	STATE <u>ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>			Went to				

CONTRACTOR <u>Pickrell Drilling Rig #10</u>	OWNER <u>Pickrell Drilling</u>
TYPE OF JOB <u>Rotary plug</u>	
HOLE SIZE <u>7 1/8</u>	I.D. <u>4639</u>
CASING SIZE <u>8 3/8</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>4639</u>
TOOL	DEPTH

PRES. MAX	MINIMUM	COMMON <u>168</u>	@ <u>16.25</u>	<u>2730.00</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>112</u>	@ <u>8.50</u>	<u>952.00</u>
CEMENT LEFT IN CSG. <u>all</u>		GEL <u>10</u>	@ <u>21.25</u>	<u>212.50</u>
PERFS.		CHLORIDE	@	
DISPLACEMENT <u>fresh water / rig med</u>		ASC	@	
EQUIPMENT		<u>Flo seal 70#</u>	@ <u>2.70</u>	<u>189.00</u>

PUMP TRUCK CEMENTER <u>Bobby Roller</u>		HANDLING <u>292</u>	@ <u>2.25</u>	<u>657.00</u>
# <u>366</u>	HELPER <u>Tom H.</u>	MILEAGE <u>272</u>	@ <u>5.00</u>	<u>1360.00</u>
BULK TRUCK				
# <u>482-188</u>	DRIVER <u>Kevin W.</u>			
BULK TRUCK				
#	DRIVER			
				TOTAL <u>6,346.50</u>

REMARKS:
1st plug at 1950ft mix 50sa cement
2nd plug at 1150ft mix 80sa cement
3rd plug at 600ft mix 50sa cement
4th plug at 250ft mix 50sa cement
5th plug at 60ft mix 20sa cement
GRH mix 30sa cement

CHARGE TO: Pickrell Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike & Kevin
 SIGNATURE Mike Ken

SERVICE

DEPTH OF JOB <u>1950</u>	
PUMP TRUCK CHARGE	<u>1250.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>HVM 100</u>	@ <u>7.00</u> <u>700.00</u>
MANIFOLD	@
<u>HVM 100</u>	@ <u>4.00</u> <u>400.00</u>
	@

TOTAL 2350.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 8696.50

DISCOUNT 30% / 213.092 30

TOTAL 5,604.20

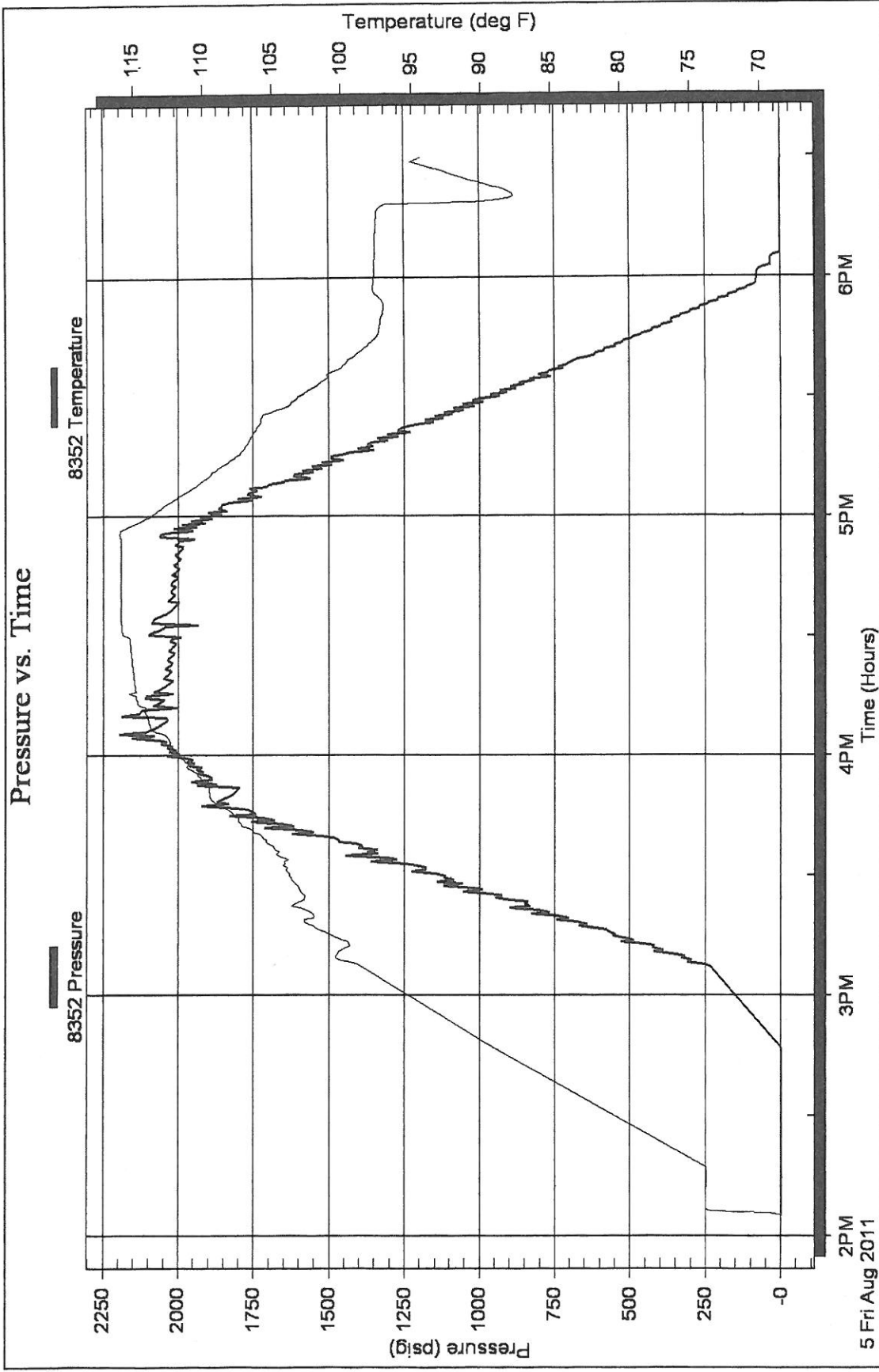
IF PAID IN 30 DAYS

Serial #: 8352

Outside Fickrell Dig. Co. inc.

14-17s-26w Ness

DST Test Number: 1

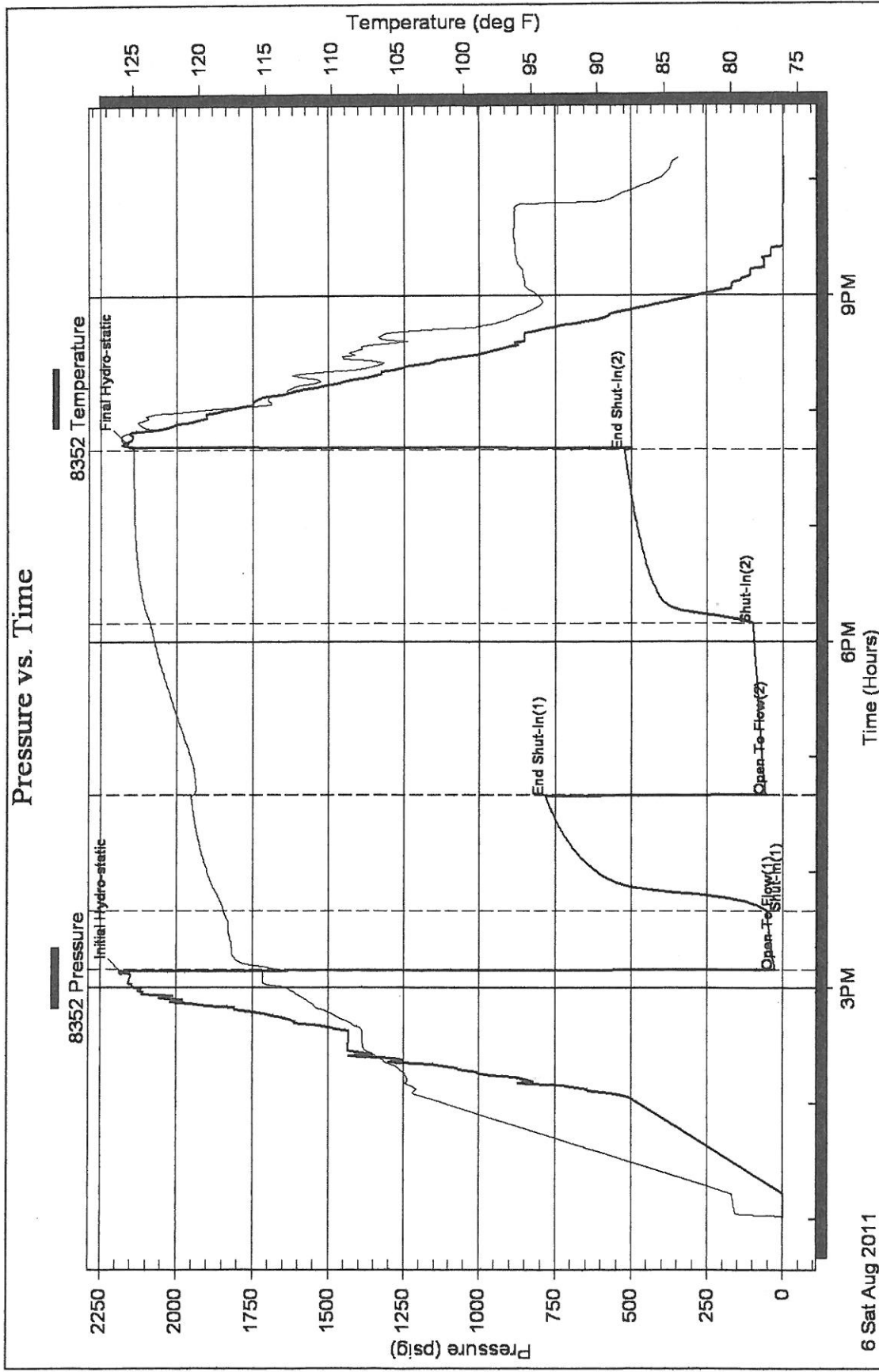


Serial #: 8352

Outside Fickrell Drig. Co. Inc.

14-17s-26w Ness

DST Test Number: 2





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drlg. Co. inc.
 100 S. Main
 STE 505
 Wichita Ks. 67202+3738
 ATTN: Nick Gerstner

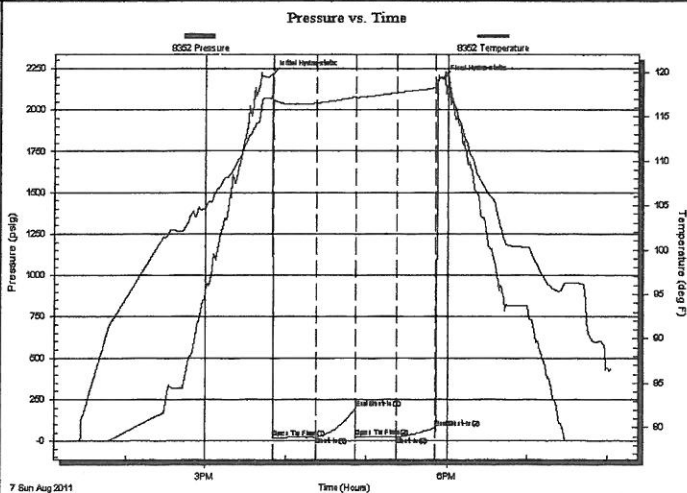
#1 Norton "Z"
14-17s-26w Ness
 Job Ticket: 44227 **DST#: 3**
 Test Start: 2011.08.07 @ 13:26:05

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:50:10
 Time Test Ended: 20:03:09
 Interval: **4470.00 ft (KB) To 4528.00 ft (KB) (TVD)**
 Total Depth: **4528.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2569.00 ft (KB)
 2562.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
 Press@RunDepth: 23.18 psig @ 4477.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.07 End Date: 2011.08.07 Last Calib.: 2011.08.07
 Start Time: 13:26:05 End Time: 20:03:09 Time On Btm: 2011.08.07 @ 15:50:00
 Time Off Btm: 2011.08.07 @ 17:56:29

TEST COMMENT: IF:(30min) Blow died in 10 min.
 IS:(30min) No Return
 FF:(30min) No blow
 FS:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.97	117.42	Initial Hydro-static
1	20.59	116.43	Open To Flow (1)
33	22.90	116.52	Shut-In(1)
63	196.97	117.18	End Shut-In(1)
63	22.31	117.04	Open To Flow (2)
93	23.18	117.65	Shut-In(2)
122	76.20	118.24	End Shut-In(2)
127	2189.55	119.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/ slight oil spks in tool	0.28

Gas Rates

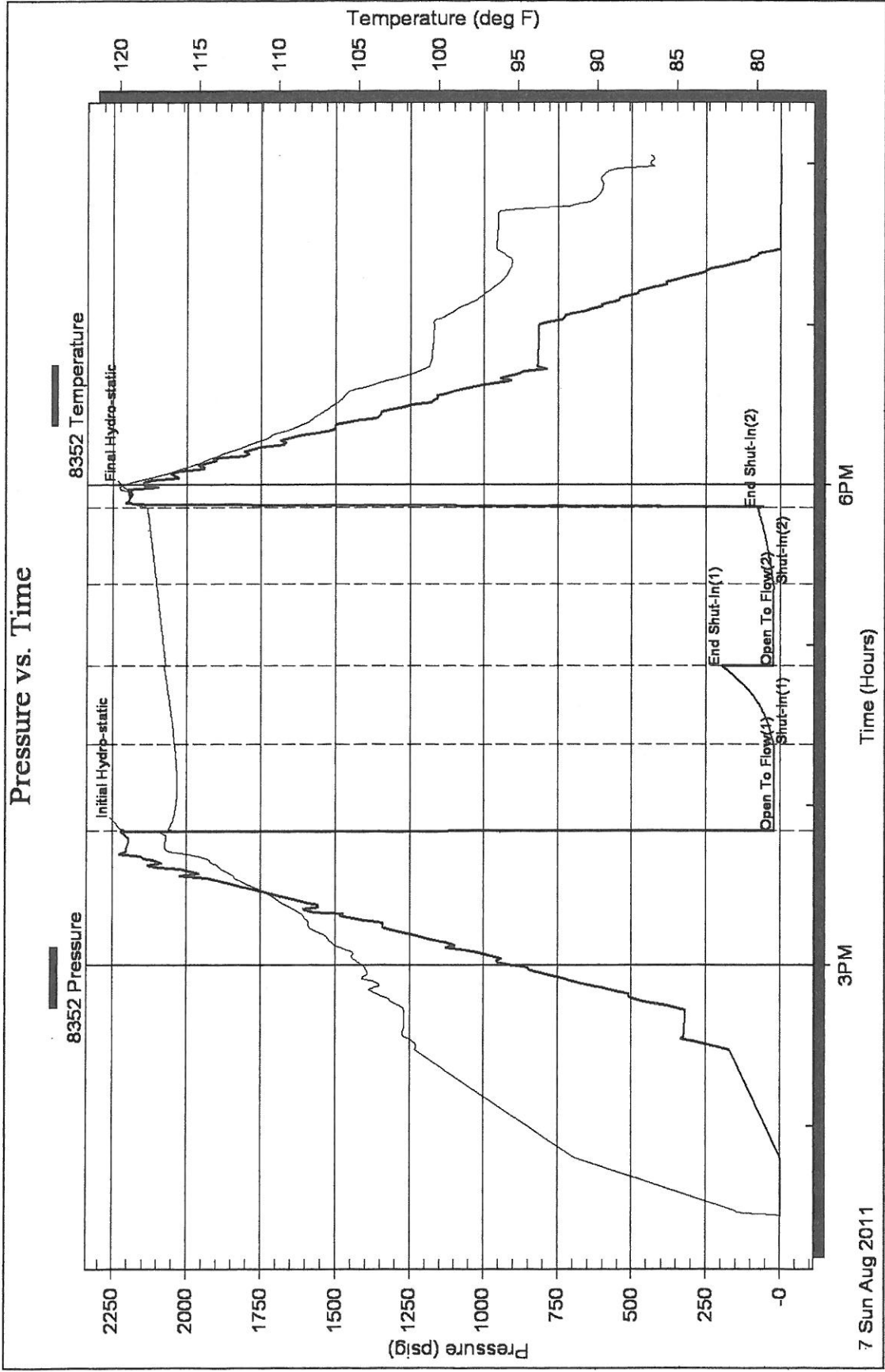
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Serial #: 8352

Outside Fickrell Drig. Co. inc.

14-17s-26w Ness

DST Test Number: 3





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drlg. Co. inc.
 100 S. Main
 STE 505
 Wichita Ks. 67202+3738
 ATTN: Nick Gerstner

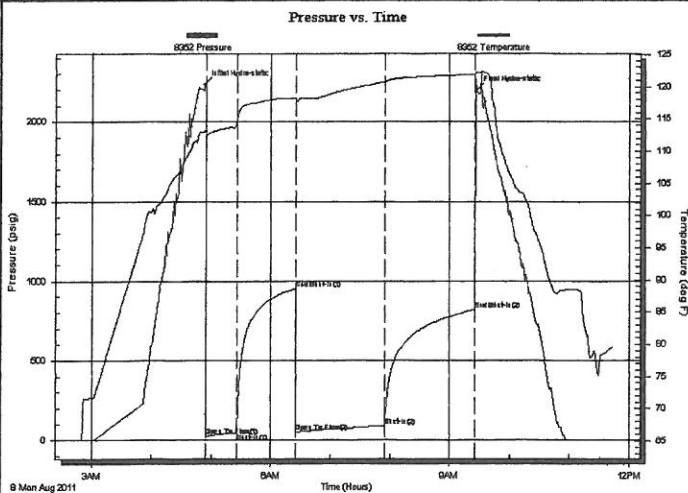
#1 Norton "Z"
14-17s-26w Ness
 Job Ticket: 44228 **DST#: 4**
 Test Start: 2011.08.08 @ 02:50:05

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:54:20
 Time Test Ended: 11:44:40
 Interval: **4470.00 ft (KB) To 4539.00 ft (KB) (TVD)**
 Total Depth: **4539.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2569.00 ft (KB)
 2562.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
 Press@RunDepth: 86.40 psig @ 4477.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.08 End Date: 2011.08.08 Last Calib.: 2011.08.08
 Start Time: 02:50:05 End Time: 11:44:40 Time On Btm: 2011.08.08 @ 04:52:50
 Time Off Btm: 2011.08.08 @ 09:26:59

TEST COMMENT: IF:(30min) 4 inch blow
 IS:(60min) No Return
 FF:(90min) 4 inch blow 45min. 5 inch 70 min.
 FS:(90min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.60	113.09	Initial Hydro-static
2	23.99	112.09	Open To Flow (1)
33	45.68	114.77	Shut-In(1)
92	949.52	118.21	End Shut-In(1)
93	50.34	117.69	Open To Flow (2)
182	86.40	120.74	Shut-In(2)
273	819.53	121.90	End Shut-In(2)
275	2201.90	122.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	SGM w/ oil specks	1.96

Gas Rates

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

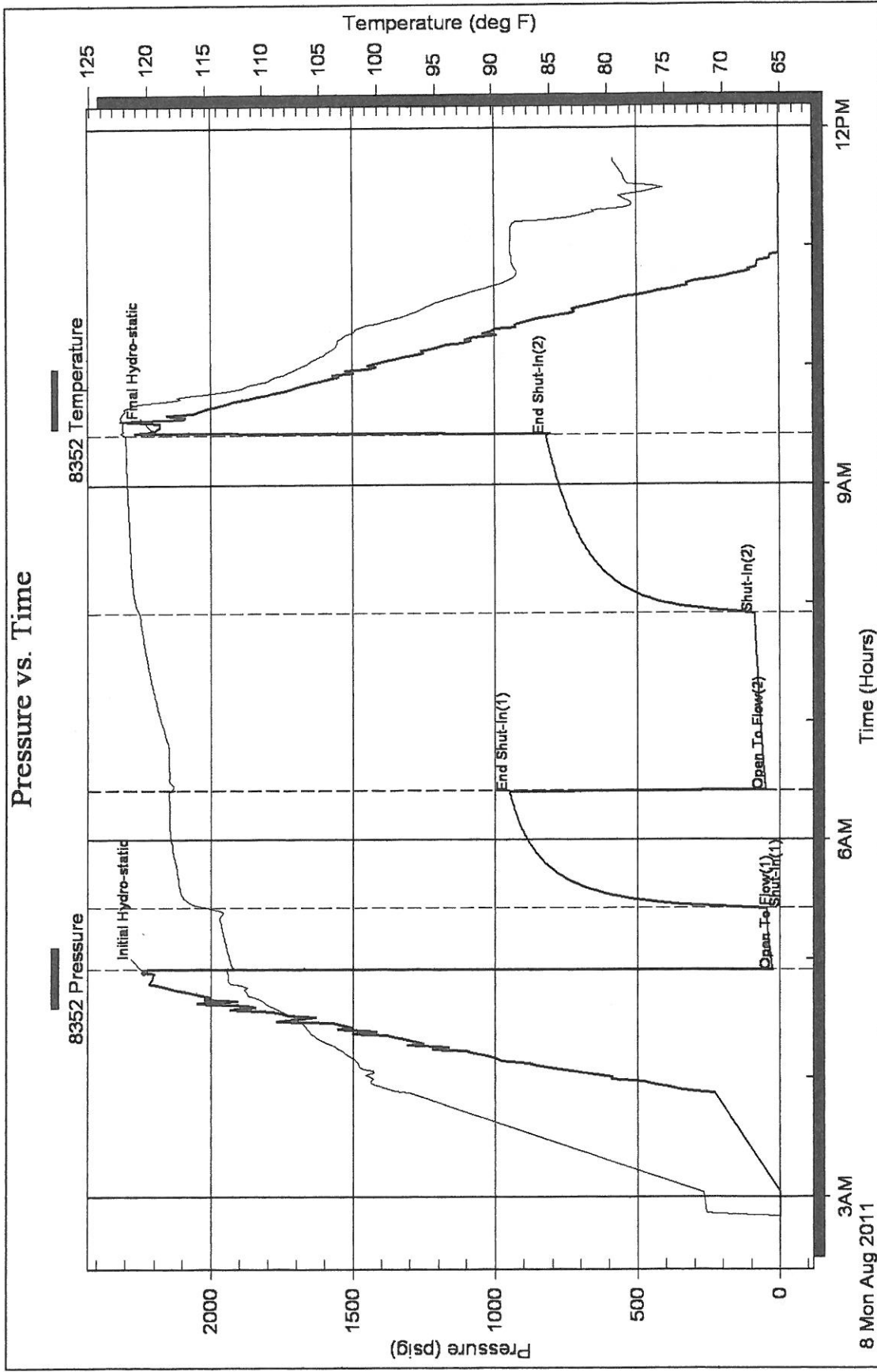
Serial #: 8352

Outside Fickrell Drig. Co. inc.

14-17s-26w Ness

DST Test Number: 4

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drig. Co. inc.
100 S. Main
STE 505
Wichita Ks. 67202+3738
ATTN: Nick Gerstner

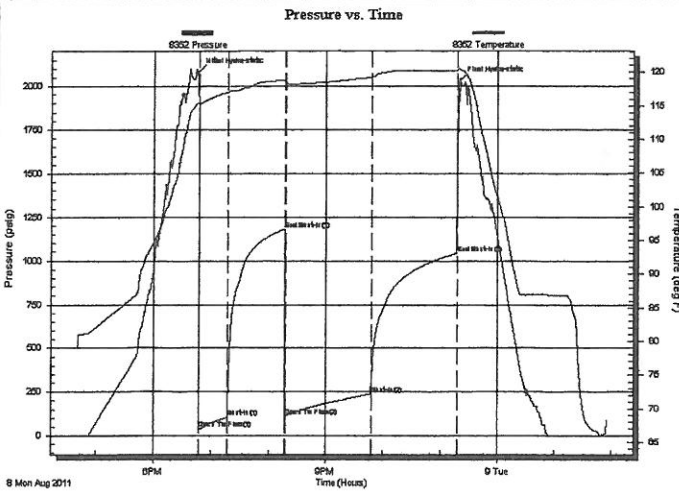
#1 Norton "Z"
14-17s-26w Ness
Job Ticket: 44229 **DST#: 5**
Test Start: 2011.08.08 @ 16:40:05

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:47:40
Time Test Ended: 01:55:10
Test Type: Conventional Straddle
Tester: Andy Carreira
Unit No: 39
Interval: **4170.00 ft (KB) To 4340.00 ft (KB) (TVD)**
Reference Elevations: 2569.00 ft (KB)
Total Depth: 4340.00 ft (KB) (TVD) 2562.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
Press@RunDepth: 237.69 psig @ 4174.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.08 End Date: 2011.08.09 Last Calib.: 2011.08.09
Start Time: 16:40:05 End Time: 01:55:10 Time On Btm: 2011.08.08 @ 18:46:20
Time Off Btm: 2011.08.08 @ 23:21:20

TEST COMMENT: IF:(30min) BOB, 19 min.
IS:(60min) No Return
FF:(90min) BOB, 52 min.
FS:(90min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.58	115.44	Initial Hydro-static
2	37.94	115.13	Open To Flow (1)
31	104.79	117.00	Shut-In(1)
91	1179.74	118.78	End Shut-In(1)
91	111.61	118.41	Open To Flow (2)
181	237.69	119.21	Shut-In(2)
272	1043.06	120.24	End Shut-In(2)
275	2034.59	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
450.00	MW	6.31

Gas Rates

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

Serial #: 8352

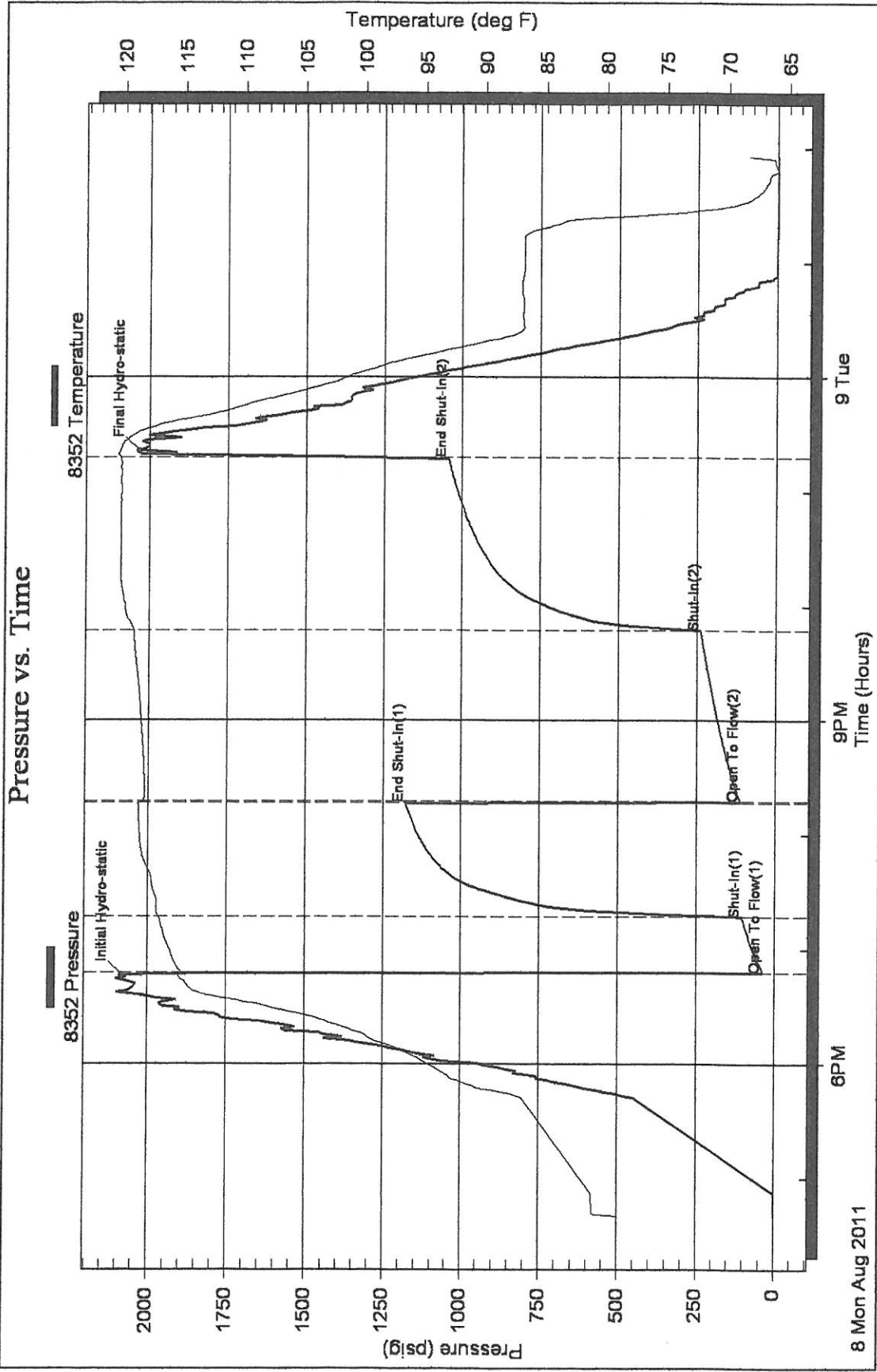
Outside

Fickrell Drig. Co. inc.

14-17s-26w Ness

DST Test Number: 5

Pressure vs. Time

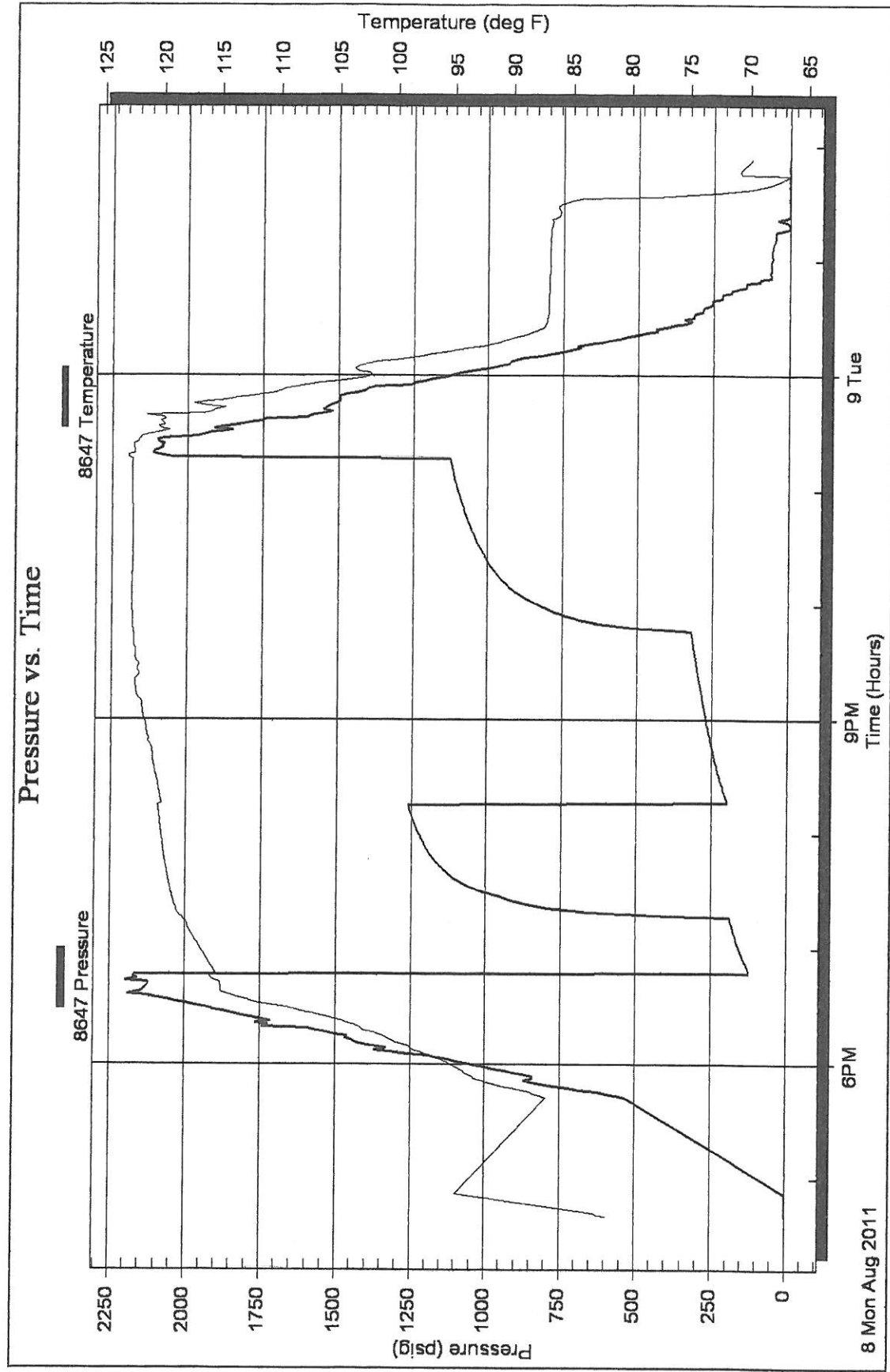


Serial #: 8647

Below (Stratified) Drig. Co. inc.

14-17s-26w Ness

DST Test Number: 5



Pickrell Drilling Company, Inc.

API #15-135-25274

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

Geologist on Well: Nicholas Gerstner & Aaron Young

LEASE: Norton "Z" Unit #1

FIELD: Kansas

LOCATION: 110° TSL & 877' FEL (NE NW NE NE)

SFC: 14 - TMS# 17S RPE 26W

COUNTRY: Ness STATE: Kansas

CONTRACTOR: Pickrell Drilling Company, Inc.

SPUD: 8-1-11 COMP: 8-9-11

RTD: 4330' LTD: 4330'

MUD UP: 3400' TYPE MUD: Chemical

SAMPLES SAVED FROM: 3600' TO RTD

DRILLING TIME KEPT FROM: 3500' TO RTD

SAMPLES EXAMINED FROM: 3600' TO RTD

GEOLOGICAL SUPERVISION FROM: 3750'

REFERENCE WELL: RAG Log

Formation: Sample Tops E-Log Tops

Ambidrite 1910 (+659) 1912 (+657)

Bass Ambidrite 1048 (+659) 1946 (+653)

Hebner Shale 3876 (+727) 3876 (+727)

Limestone 3888 (+1319) 3888 (+1319)

BKC 4306 (+627) 4306 (+627)

Marmaton 4350 (+1681) 4350 (+1681)

Fort Scott 4421 (+1832) 4421 (+1832)

Cherokee Shale 4427 (+1838) 4427 (+1838)

Mississippian 4504 (+1935) 4504 (+1935)

Mississippian Dol. 4508 (+1939) 4508 (+1939)

EL ELEVATIONS
KB: 2569'
DF: _____
GL: 2562'

Measurements are All From Kelly Bushing

CONDUCTOR: _____

SURFACE: 8.5" at 2.14'

PRODUCTION: None

ELECTRICAL SURVEYS

RAAG Log

Supervisor: Hydraulic Services

Signature: _____

DATE: _____

TIME: _____

WELL NO: _____

WELL NAME: _____

WELL TYPE: _____

WELL STATUS: _____

WELL DEPTH: _____

WELL DIAMETER: _____

WELL Casing: _____

WELL Cement: _____

WELL Completion: _____

WELL Production: _____

WELL History: _____

WELL Notes: _____

WELL Remarks: _____

WELL Location: _____



Respectfully Submitted,
Nicholas P. Gerstner

