



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: _____



1055364

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Clark 4-24
Doc ID	1055364

All Electric Logs Run

Compensated density/Neutron
Dual Induction
Micro
Sonic
Dual Receiver Cement Bond



Charlie Sturdavant Consulting

Scale 1:240 (5"=100') Imperial

Well Name: #4-24 Clark
Location: Sec. 24 - 17S - 14W Barton Co., KS
Licence Number: API # 15-009-25486-00-00
Spud Date: Nov. 10, 2010
Surface Coordinates: 1836' FSL & 330' FWL

Region: Wildcat
Drilling Completed: Nov. 19, 2010

Bottom Hole Coordinates:

Ground Elevation (ft): 1916 K.B. Elevation (ft): 1927
Logged Interval (ft): 2700 To: 3500 Total Depth (ft): 3500
Formation: Arbuckle
Type of Drilling Fluid: Chemical/Polymer/Gel

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: SHELBY RESOURCES, LLC
Address: 445 UNION BLVD. Suite 208
LAKEWOOD, CO. 80228

GEOLOGIST

Name: Charlie Sturdavant
Company: Charlie Sturdavant Consulting
Address: 920 12th Street
Golden, CO 80401

REMARKS

Based on positive DST results, it was recommended that 51/2" production casing be set and cemented, and that the Arbuckle, and several Lansing zones be tested through perforations.

The samples were saved and will be available at the KGS well sample library, located in Wichita, KS.

Respectfully submitted by Charlie Sturdavant.

Charlie Sturdavant Consulting

DAILY DRILLING REPORT

Company: Shelby Resources LLC
445 Union St., Suite 208
Lakewood, CO 80228

Well: #4-24 Clark
Location: 1836' FSL & 330' FWL
Sec. 24 T17S R14W
Barton County, KS

Jim Waechter Cell: 303-478-3388
Gary Krieger Cell: 303-887-5085

Wellsite Geologist: Charlie Sturdavant
Cell: (303) 907-2295
Office: (303) 384-9481

Elevation: 1927' KB 1916' GL
Field: Sandford
API No.: 15-009-25486-0000
Surface Casing: 8 5/8" set @ 905' KB

Drilling Contractor: Sterlling Drilling Rig #2 620-388-5651 Tool Pusher: Shane Downs cell: 620-388-3474

DATE	7:00 AM DEPTH	REMARKS
11/11/2010	905	Setting 8-5/8" surface casing
11/15/2012		Geologist on location at 2300'.
11/16/2010	3091	Just about to hit the Heebner. King Hill Shale @ 2945.
11/17/2010	3316	Conducting DST # 1, 3300'-3316'. Testing the Lansing H zone. Preliminary results are GTS/50 min, recovered 393' of clean, gassy oil. Currently pulling the tool.
11/18/2010	3422	Drilled to 3422'. Stopped to CFS at 3402, 3413, and 3422. Conducting DST #2, 3374'-3422'. Testing the Arbuckle and the Basal Penn. Conglomerate. Both zones had oil shows in the samples.
11/19/2010	3500	Completed DST # 3, in Arbuckle, 3422'-3432'. Successful test. Reached TD at 0437 hrs. Drilled 90 feet of Arbuckle. Tripping out of hole for electrical logging. Logging completed. Preparing to run 5-1/2" production casing today. Geologist off location at 1215 hrs.

Charlie Sturdavant Consulting

WELL COMPARISON SHEET

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Shelby Resources LLC. # 4-24 Clark 1836' FSL & 330' FWL Sec. 17 T17S R14W					Shelby Resources #1-24 Clark 2210' FSL & 600' FWL Sec. 17 T17S R14W				Shelby Resources LLC, #2-24 Clark 640' FSL & 1000' FWL Sec. 17 T17S R14W			
1927 KB					1941 KB		Structural Relationship		1907 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	881	1046	878	1049	898	1043	3	6	865	1042	4	7
Topeka	2856	-929	2855	-928	2866	-925	-4	-3	2836	-929	0	1
Heebner	3093	-1166	3092	-1165	3102	-1161	-5	-4	3073	-1166	0	1
Toronto	3109	-1182	3106	-1179	3116	-1175	-7	-4	3088	-1181	-1	2
Brown Lime	3168	-1241	3167	-1240	3176	-1235	-6	-5	3149	-1242	1	2
Lansing	3180	-1253	3176	-1249	3188	-1247	-6	-2	3158	-1251	-2	2
Lansing F	3238	-1311	3236	-1309	3246	-1305	-6	-4	3219	-1312	1	3
Lansing H	3305	-1378	3304	-1377	3314	-1373	-5	-4	3288	-1381	3	4
Base KC	3376	-1449	3376	-1449	3387	-1446	-3	-3	3360	-1453	4	4
Arbuckle	3410	-1483	3410	-1483	3420	-1479	-4	-4	3394	-1487	4	4
Total Depth	3500	-1573	3500	-1573	3530	-1589	16	16	3490	-1583	10	10



DRILL STEM TEST REPORT

Shelby Resources L.L.C.
 445 Union Boulevard Suite 208
 Lakewood, Colorado 80228
 ATTN: Charley Sturdavant

Clark #4-24
24-17s-14w
 Job Ticket: 15745 **DST#: 1**
 Test Start: 2010.11.17 @ 09:40:00

GENERAL INFORMATION:

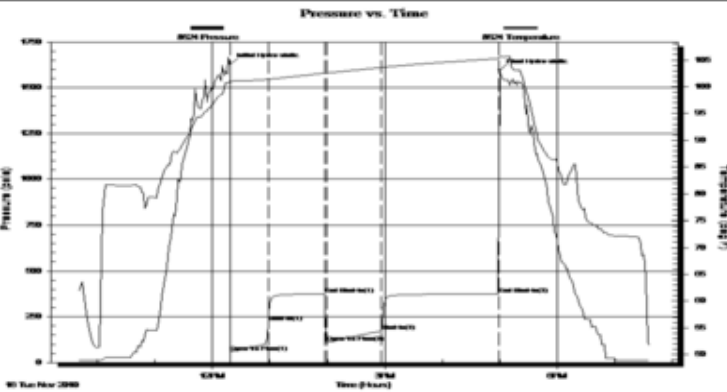
Formation: **Kansas City "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-38
 Interval: **3300.00 ft (KB) To 3316.00 ft (KB) (TVD)**
 Total Depth: 3316.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1927.00 ft (KB)
 1916.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8524

Inside

Press@RunDepth: 374.66 psia @ 3312.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.11.16 End Date: 2010.11.16 Last Calib.: 2010.11.17
 Start Time: 09:40:00 End Time: 19:36:00 Time On Btm: 2010.11.16 @ 12:18:00
 Time Off Btm: 2010.11.16 @ 17:00:00

TEST COMMENT: 1st Opening 29 Minutes-Good blow built to the bottom of a 5 gallon bucket in 2 minutes
 1st Shut-in 60 Minutes- Good blow back w with gas to surface
 2nd Opening 60 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes
 2nd Shut-in 120 Minutes-Good blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1630.63	101.09	Initial Hydro-static
1	57.46	100.82	Open To Flow (1)
40	222.40	101.37	Shut-In(1)
100	374.75	102.55	End Shut-In(1)
101	109.48	102.56	Open To Flow (2)
159	171.39	103.59	Shut-In(2)
281	374.66	105.25	End Shut-In(2)
282	1597.89	105.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas to surface 1st shut-in	0.00
204.00	Clean gassy oil 15% gas 85% oil	1.16
189.00	muddy gassy frothy oil	2.65
0.00	would not grind out	0.00
0.00	gravity of oil 41 corrected	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources L.L.C.
 445 Union Boulevard Suite 208
 Lakewood, Colorado 80228
 ATTN: Charley Sturdavant

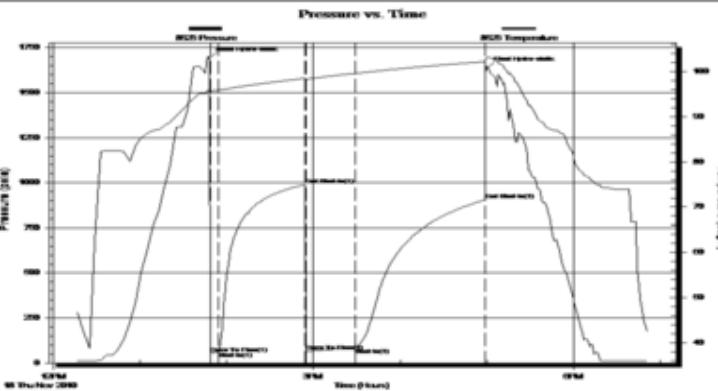
Clark #4-24
24-17s-14w
 Job Ticket: 15746 **DST#: 2**
 Test Start: 2010.11.18 @ 12:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-38
 Interval: **3374.00 ft (KB) To 3422.00 ft (KB) (TVD)**
 Total Depth: 3422.00 ft (KB) (TVD)
 Reference Elevations: 1927.00 ft (KB)
 1916.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 11.00 ft

Serial #: 8525 **Outside**
 Press@RunDepth: 904.06 psia @ 3419.30 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.11.18 End Date: 2010.11.18 Last Calib.: 2010.11.18
 Start Time: 12:17:00 End Time: 18:51:30 Time On Btm: 2010.11.18 @ 13:48:00
 Time Off Btm: 2010.11.18 @ 17:00:00

TEST COMMENT: 1st Opening 05 Minutes weak building blow built to 1 1/2 inches into the water
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 35 Minutes-Weak blow built to 1 inch into the water decreased and died in 28 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1694.64	95.84	Initial Hydro-static
1	53.45	95.42	Open To Flow (1)
7	61.25	95.89	Shut-In(1)
66	989.56	98.49	End Shut-In(1)
67	66.32	98.36	Open To Flow (2)
101	83.14	99.59	Shut-In(2)
191	904.06	102.19	End Shut-In(2)
192	1639.04	103.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean oil	0.15
50.00	oil cut mud 20% oil 80% Mud	0.25

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources L.L.C.
 445 Union Boulevard Suite 208
 Lakewood, Colorado 80228
 ATTN: Charley Sturdavant

Clark #4-24
24-17s-14w
 Job Ticket: 15747 **DST#: 3**
 Test Start: 2010.11.18 @ 02:10:00

GENERAL INFORMATION:

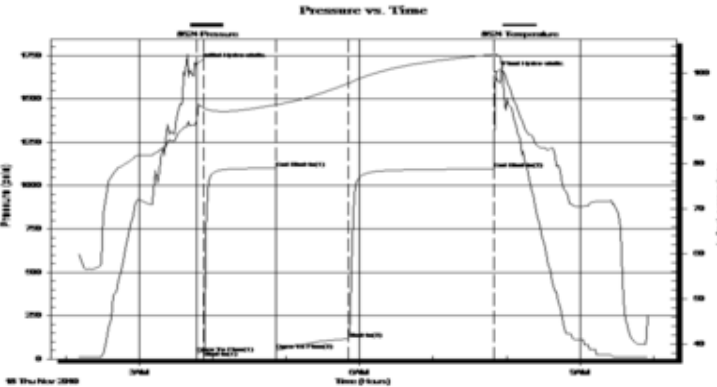
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:47:00 Tester: Gene Budig
 Time Test Ended: 09:55:30 Unit No: 3335
 Interval: **3422.00 ft (KB) To 3432.00 ft (KB) (TVD)** Reference Elevations: 1927.00 ft (KB)
 Total Depth: 3432.00 ft (KB) (TVD) 1916.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8524

Inside

Press@RunDepth: 118.16 psia @ 3428.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.11.18 End Date: 2010.11.18 Last Calib.: 2010.11.18
 Start Time: 02:10:00 End Time: 09:55:30 Time On Btm: 2010.11.18 @ 03:46:30
 Time Off Btm: 2010.11.18 @ 07:51:00

TEST COMMENT: 1st Opening 05 Minutes-Weak building blow built to 2 1/2 inches into the water
 1st Shut-In 60 Minutes-No Blow back
 2nd Opening 60 Minutes-Weak building blow built to the bottom of a 5 gallon bucket in 52 Minutes
 2ns shut-In 120 Minutes- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1700.23	89.50	Initial Hydro-static
1	34.13	89.53	Open To Flow (1)
7	44.93	92.18	Shut-In(1)
65	1099.49	92.99	End Shut-In(1)
66	49.64	92.94	Open To Flow (2)
125	118.16	97.74	Shut-In(2)
244	1095.32	104.18	End Shut-In(2)
245	1653.92	104.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Clean gassy oil Gravity 37 corrected	0.74
0.00	15% Gas 85% Oil	0.00
30.00	Oil & Gas cut mud	0.15
0.00	5% Gas 10% Oil 85% Mud	0.00
40.00	Oil and Gas cut muddy w ater	0.50
0.00	5% Gas 15% Oil 40% Mud 40% Water	0.00

Gas Rates

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

ROCK TYPES

LITHOLOGY

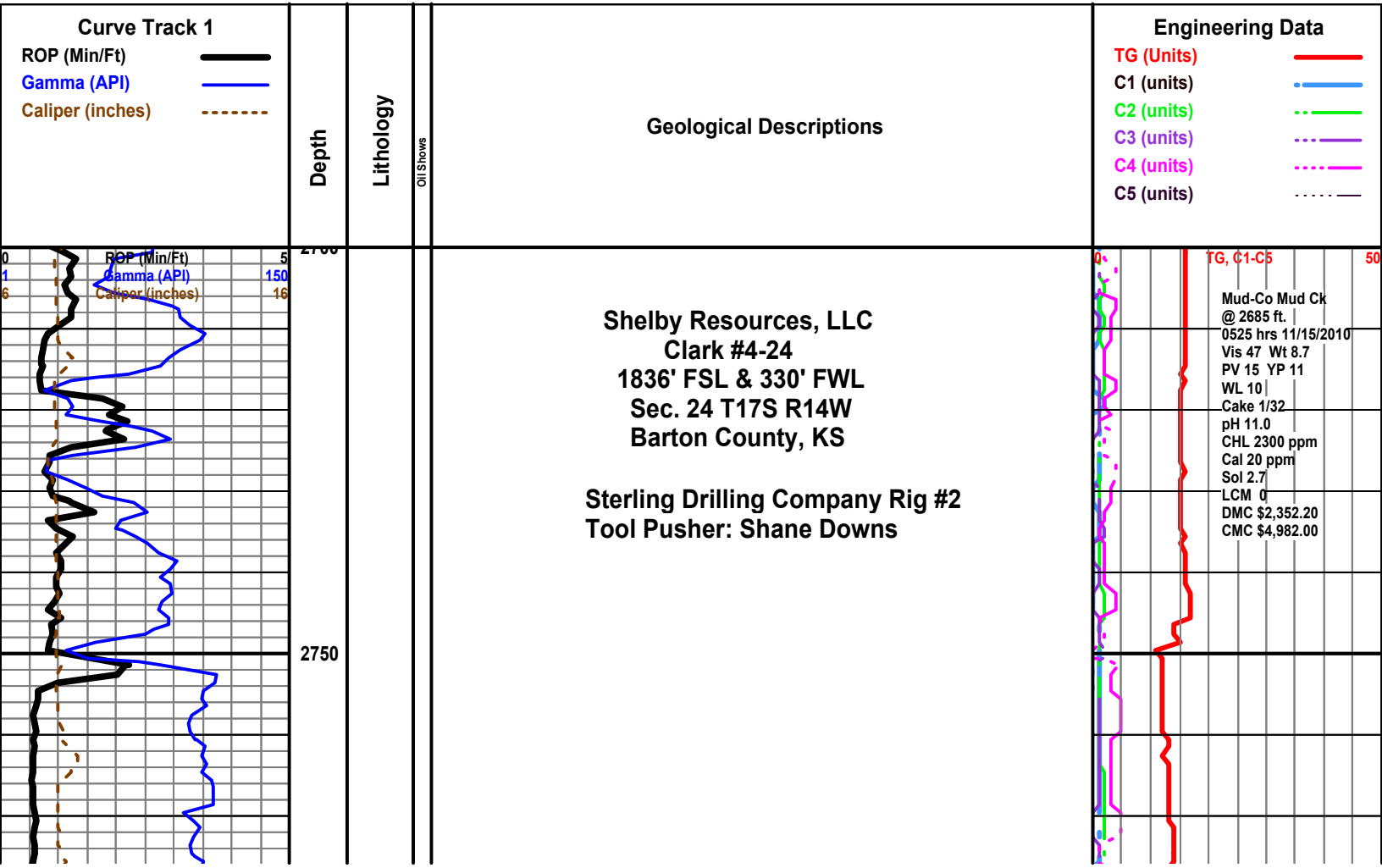
- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrst
- Salt
- Shale
- Shcol
- Shgy
- Slstst
- Ss
- Till
- Slststn
- Shale
- Sandylms
- Lms
- Gry sh
- Dtd
- Dol
- Carb sh
- pipesymbol

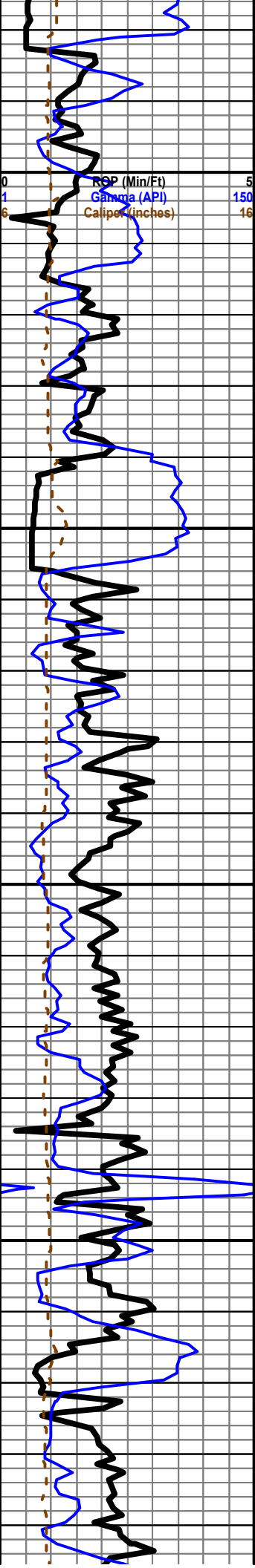
- unknown lith
 - Red shale
- ### FOSSIL
- Oomoldic
 - Fuss
 - Algae
 - Amph
 - Belm
 - Bioclst
 - Brach
 - Bryozoa
 - Cephal
 - Coral
 - Crin
 - Echin
 - Fish
 - Foram
 - Fossil
 - Gastro
 - Oolite
 - Ostra
 - Pelec
 - Pellet
 - Pisolite
 - Plant
 - Strom
- ### MINERAL
- Silty

- Sand
- Dol
- Chlorite
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil

- ### STRINGER
- Red shale
 - Sh
 - Sandylms
 - Lms
 - Gryslt
 - Grysh
 - Dol
 - Clystn
 - Carbsh
 - Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mrst
 - Slststrg
 - Ssstrg
- ### TEXTURE
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln

- Sulphur
 - Tuff
 - Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packst
 - Wackest
- ### OIL SHOW
- Gas show
 - Good
 - Fair
 - Poor
 - Dead
- ### INTERVAL
- Dst
 - Core
 - Dst
 - Straddle test
- ### EVENT
- Rft
 - Sidewall
 - Dst
 - Open hole
 - Perforations



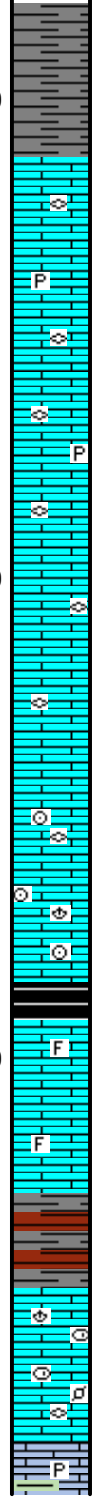


2800
 5
 150
 16

2850

2900

2950



Topeka 2856 -929

Limestone: tan to light brown, fossil-bearing, wackestone to non-fossiliferous, cryptocrystalline, micritic, mudstone. *Fussulinids*.

Limestone as above, with pyrite-replaced *fussulinids*.

Limestone: as above, with trace of pellets and some thin laminations.

Limestone: lighter-colored than above, tan, cryptocrystalline, micritic, non-fossiliferous, mudstone to fossil-bearing wackestone. Trace of packstone with crinoids, brachiopods, and *fussulinids*.

King Hill Shale 2945 -1018

Shale, dark gray to black, carbonaceous.

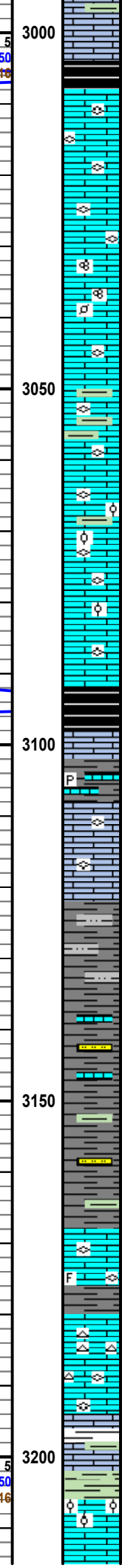
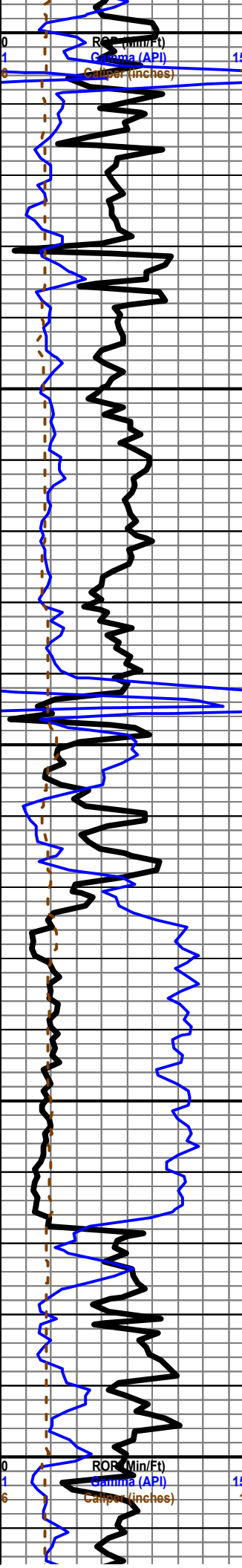
Limestone as above, fossiliferous.

Shale: calcareous, fossiliferous, gray to reddish-brown.

Limestone: cream to tan, fossiliferous packstone to wackestone. Some lithographic micrite. Pellets, ostracods, *fussulinids*. Trace of chalky ls.

Limestone: as above with pyrite, sparry calcite, and mixed, mottled shaley inclusions.

TG, C1-C5 50



Queen Hill Shale 3005 -1078
Black organic shale.
Limestone: tan to light brown, fossiliferous packstone to wackestone to mudstone. No porosity. Fossiliferous.

Limestone as above, with forams in the fossil debris. One fragment had a spotty show of heavy oil, but it had a good streaming cut.

Limestone as above with thin inclusions to laminations of dark, organic, mud.

Limestone: cream to tan, microcrystalline, fossiliferous (fossiliferous). Most is similar to above, with organic matter, but there is some oolitic ls, tight to chalky.

Limestone: cream to tan, fossiliferous packstone to boundstone, to micrite.

Heebner 3093 -1166
Black carbonaceous shale
Shale, gray, calcareous, fossiliferous, pyrite.

Toronto 3109 -1182
Limestone: cream to tan, microcrystalline, fossil-bearing, packstone. Fossiliferous. Organic matter (dead oil?). No cut. Chalky in parts. Some heavy oil in pores, good cut.

Douglas 3119 -1192
Shale: gray, green, silty stringers
Shale: gray, greenish-gray, brown, reddish-brown, some with calcareous laminations.
Shale as above with stringers of brown boundstone, oolitic.

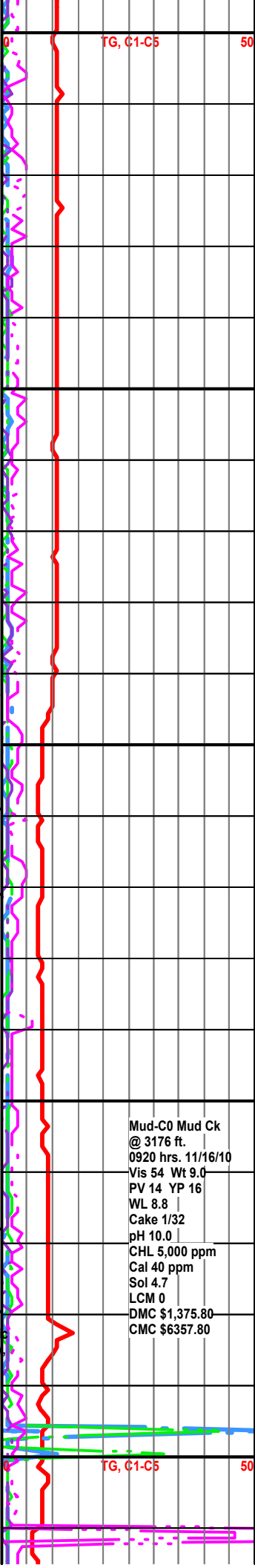
Brown Lime 3168 -1241
Limestone: brownish-tan, fossiliferous, packstone

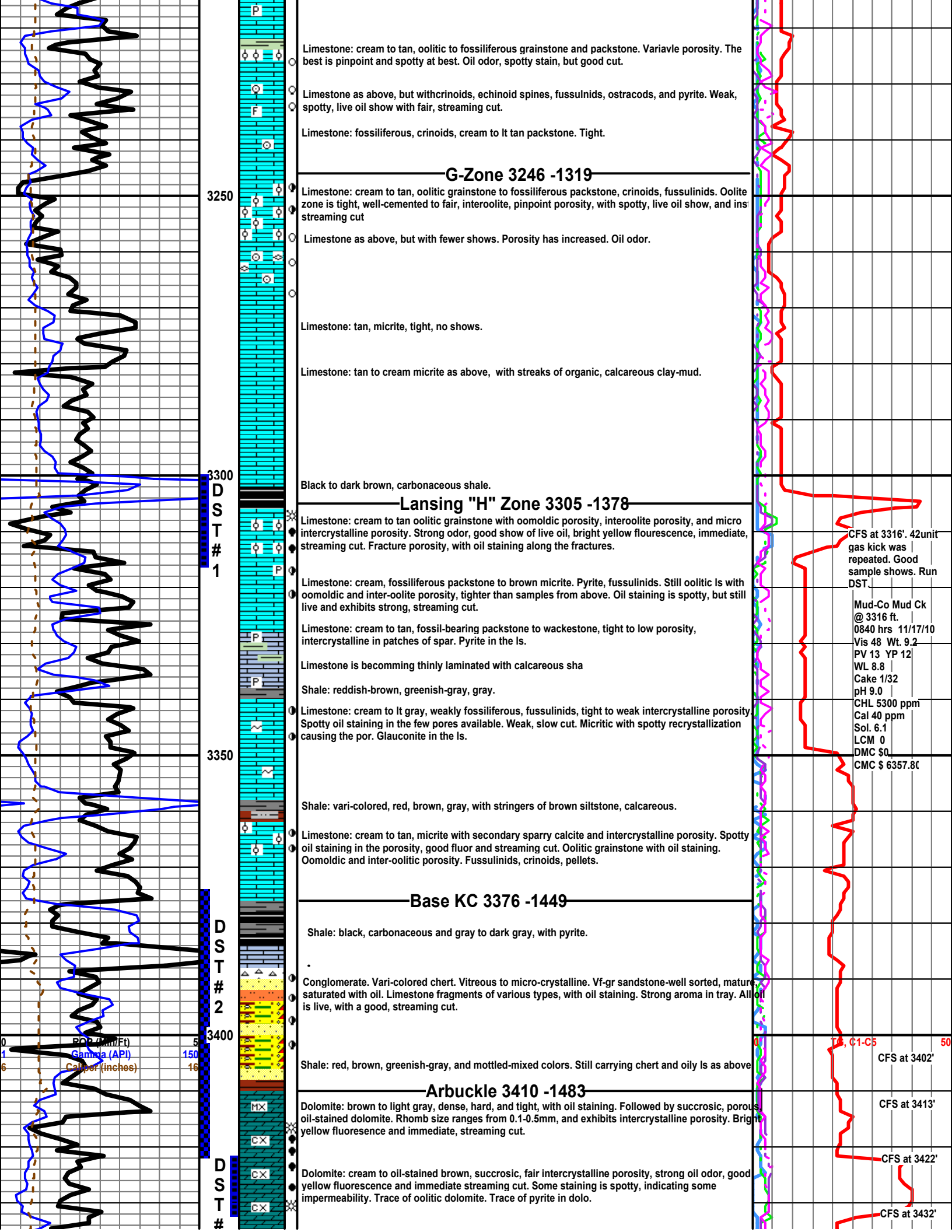
Lansing 3180 - 1253
Limestone: light tan to cream, fossiliferous packstone, with clear to tan, translucent, vitreous, oolitic in parts, chert. Ls with porosity has live oil staining, with good streaming cut, but the show is spotty, in a non-uniform, intermittent porosity. Accompanied by a weak gas kick. Partly peletal/oolitic w/o porosity. Fair petroleum odor. Some oolitic ls w/ interoolitic porosity and staining.

Shaley streaks, brown to gray.

Limestone: It tan, fossiliferous packstone to boundstone, with fair intercrystalline porosity, and live oil staining in the pores, fair odor, good cut.

Limestone: cream to tan, oolitic grainstone to fossiliferous packstone. Oolites range from tightly-cemented to fair interoolitic, pinpoint porosity, with spotty, live oil staining, weak cut. Odor. Packstone is tight. Thin laminations of organic matter/shale in parts. Trace of free pyrite nodule.





Limestone: cream to tan, oolitic to fossiliferous grainstone and packstone. Variable porosity. The best is pinpoint and spotty at best. Oil odor, spotty stain, but good cut.

Limestone as above, but with crinoids, echinoid spines, fusulinids, ostracods, and pyrite. Weak, spotty, live oil show with fair, streaming cut.

Limestone: fossiliferous, crinoids, cream to tan packstone. Tight.

G-Zone 3246 -1319

Limestone: cream to tan, oolitic grainstone to fossiliferous packstone, crinoids, fusulinids. Oolite zone is tight, well-cemented to fair, interoolite, pinpoint porosity, with spotty, live oil show, and immediate streaming cut

Limestone as above, but with fewer shows. Porosity has increased. Oil odor.

Limestone: tan, micrite, tight, no shows.

Limestone: tan to cream micrite as above, with streaks of organic, calcareous clay-mud.

Black to dark brown, carbonaceous shale.

Lansing "H" Zone 3305 -1378

Limestone: cream to tan oolitic grainstone with oomoldic porosity, interoolite porosity, and micro intercrystalline porosity. Strong odor, good show of live oil, bright yellow fluorescence, immediate, streaming cut. Fracture porosity, with oil staining along the fractures.

Limestone: cream, fossiliferous packstone to brown micrite. Pyrite, fusulinids. Still oolitic ls with oomoldic and inter-oolite porosity, tighter than samples from above. Oil staining is spotty, but still live and exhibits strong, streaming cut.

Limestone: cream to tan, fossil-bearing packstone to wackestone, tight to low porosity, intercrystalline in patches of spar. Pyrite in the ls.

Limestone is becoming thinly laminated with calcareous sha

Shale: reddish-brown, greenish-gray, gray.

Limestone: cream to lt gray, weakly fossiliferous, fusulinids, tight to weak intercrystalline porosity. Spotty oil staining in the few pores available. Weak, slow cut. Micritic with spotty recrystallization causing the por. Glauconite in the ls.

Shale: vari-colored, red, brown, gray, with stringers of brown siltstone, calcareous.

Limestone: cream to tan, micrite with secondary sparry calcite and intercrystalline porosity. Spotty oil staining in the porosity, good fluor and streaming cut. Oolitic grainstone with oil staining. Oomoldic and inter-oolitic porosity. Fusulinids, crinoids, pellets.

Base KC 3376 -1449

Shale: black, carbonaceous and gray to dark gray, with pyrite.

Conglomerate. Vari-colored chert. Vitreous to micro-crystalline. Vf-gr sandstone-well sorted, mature saturated with oil. Limestone fragments of various types, with oil staining. Strong aroma in tray. All oil is live, with a good, streaming cut.

Shale: red, brown, greenish-gray, and mottled-mixed colors. Still carrying chert and oily ls as above

Arbuckle 3410 -1483

Dolomite: brown to light gray, dense, hard, and tight, with oil staining. Followed by succrosic, porous oil-stained dolomite. Rhomb size ranges from 0.1-0.5mm, and exhibits intercrystalline porosity. Bright yellow fluorescence and immediate, streaming cut.

Dolomite: cream to oil-stained brown, succrosic, fair intercrystalline porosity, strong oil odor, good yellow fluorescence and immediate streaming cut. Some staining is spotty, indicating some impermeability. Trace of oolitic dolomite. Trace of pyrite in dolo.

CFS at 3316'. 42unit gas kick was repeated. Good sample shows. Run DST.

Mud-Co Mud Ck @ 3316 ft.
0840 hrs 11/17/10
Vis 48 Wt. 9.2
PV 13 YP 12
WL 8.8
Cake 1/32
pH 9.0
CHL 5300 ppm
Cal 40 ppm
Sol. 6.1
LCM 0
DMC \$0
CMC \$ 6357.80

CFS at 3402'

CFS at 3413'

CFS at 3422'

CFS at 3432'

D
S
T

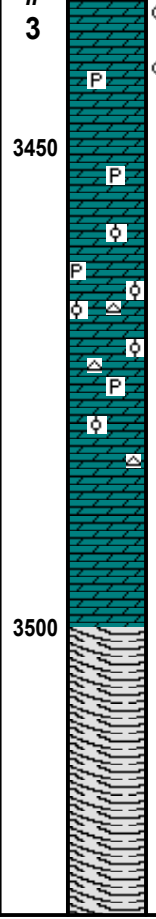
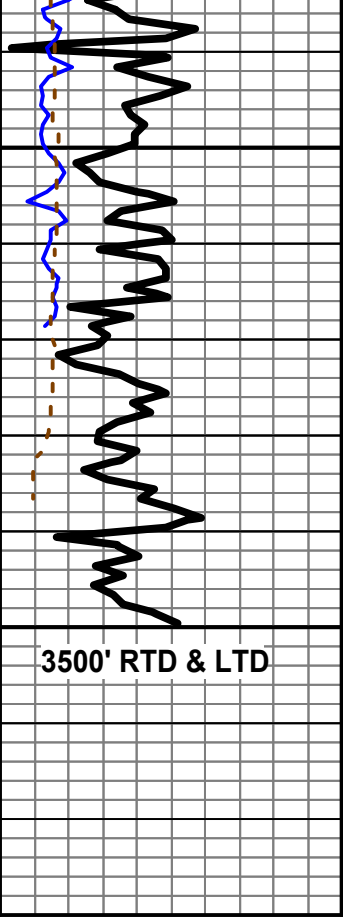
1

D
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ROP (mm/Ft) 5
Gamma (API) 150
Caliper (inches) 16



3
3450

Dolomite: cream to tan, microcrystalline, dense, tight to succrosic, mixed. Spotty oil shows in the succrosic fragments. Trace of pyrite within the tight dolomite. Microcrystalline dolo has crystalline patches with rhombs up to 0.3mm.

Dolomite as above, with oolites, still visible. Oolitic cher

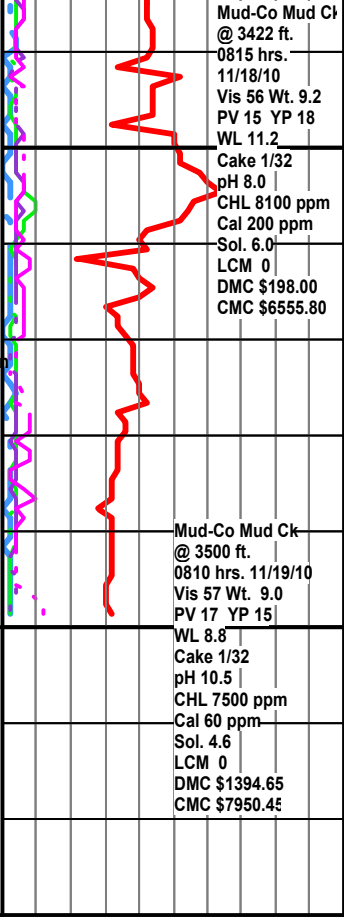
Dolomite: tan, oolitic to rhombic crystalline, dense, tight, trace of pyrite laminations, trace of lt green shale laminations on dolo frags. Still carrying microcrystalline to micritic dolo.

Dolomite: cream to tan, micritic to crystalline, tight, no shows. Trace of spar on some micritic fragments.

3500' RTD & LTD

RTD 3500 -1573

Rotary TD 3500' @ 0437 hrs 11/19/2010
 Superior Well Service Logging TD 3500
 Complete logging operations at 1125 hrs 11/19/2010





Shelby Resources L.L.C.

Clark #4-24 /Casing Report

API#15-009-25486-00-00

N/2-SW-NW-SW

1836' FSL & 330' FWL

Sec. 24, T17s-R14w

Barton County, Kansas

GL: 1916'

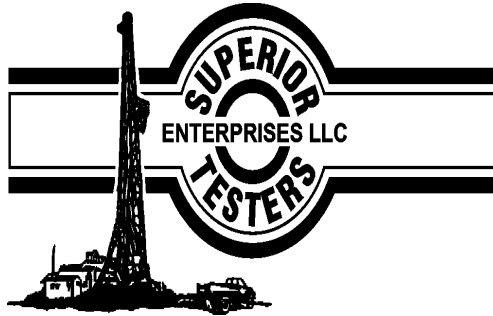
KB: 1927'

11/11/2010 **Surface Casing**

Spud at 3:15 p.m. on 11/10/10. Drill 12¼" hole to 905'. Ran 23 joints of new 8.5/8"-23# casing, tallied 887.00' and set at 900' KB. Cemented by Allied Cementing with 350 sx 60/40 Poz 2% gel, 3% CC. cement did circulate. Plug down at 4:00 p.m. welded straps on the bottom 3 joints and welded straps on the top 5 joints.

11/19/10 **Production Casing**

On location @ 8:00 p.m. RIH with drill pipe and condition the hole. Laying down drill pipe and collars, Begin running 83 joints 5 ½" (15.5#) casing tallied 3454.91'. Shoe joint was 21.13'. Insert @ 3445.78'. Marker joint was 8 joints off bottom and measured 21.15'. Set casing @ 3466.91' KB. Landed casing 33.09' off RTD 3500' and LTD, 3500'. Ran a basket on top of #1 and centralizers on #2, #4, #6, #8 and #10. Landed casing @ 5:50 a.m. (9/27/09) Circulate hole for 60 minutes to lower viscosity in mud. RU Basic Services, plug RH with 30 sx. and MH with 20 sx. Mix and pump 50 sx 60/40 Poz-Mix as scavenger flush, followed by 150 sx AA-2 cement down casing. Had good circulation throughout the job. Plug down @ 1:00 a.m. and held 1500#. Release pressure and float held. Release Sterling Rig #2 @ 2:00 a.m.



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C.**

445 Union Boulevard Suite 208
Lakewood , Colorado 80228

ATTN: Charley Sturdavant

`24-17s-14w

Clark #4-24

Start Date: 2010.11.17 @ 09:40:00

End Date: 2010.11.17 @ 00:00:00

Job Ticket #: 15745 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.11.17 @ 07:52:25

Shelby Resources L.L.C. Clark #4-24 `24-17s-14w DST # 1 Kansas City "H" 2010.11.17



DRILL STEM TEST REPORT

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15745

DST#: 1

ATTN: Charley Sturdavant

Test Start: 2010.11.17 @ 09:40:00

GENERAL INFORMATION:

Formation: **Kansas City "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-38

Interval: 3300.00 ft (KB) To 3316.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 3316.00 ft (KB) (TVD)

1916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8525 Outside

Press @ RunDepth: 373.38 psia @ 3313.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.11.16

End Date: 2010.11.16

Last Calib.: 2010.11.17

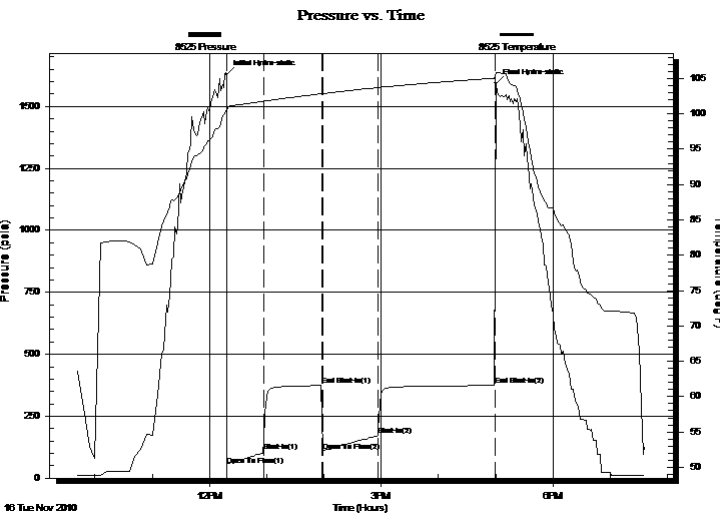
Start Time: 09:40:00

End Time: 19:37:00

Time On Btm: 2010.11.16 @ 12:18:00

Time Off Btm: 2010.11.16 @ 17:00:00

TEST COMMENT: 1st Opening 29 Minutes-Good blow built to the bottom of a 5 gallon bucket in 2 minutes
 1st Shut-In 60 Minutes- Good blow back with gas to surface
 2nd Opening 60 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes
 2nd Shut-In 120 Minutes-Good blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1629.78	100.71	Initial Hydro-static
1	52.84	100.39	Open To Flow (1)
39	106.64	101.77	Shut-In(1)
100	373.73	102.83	End Shut-In(1)
101	107.78	102.83	Open To Flow (2)
159	171.21	103.70	Shut-In(2)
281	373.38	105.03	End Shut-In(2)
282	1593.36	105.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas to surface 1st shut-in	0.00
204.00	Clean gassy oil 15% gas 85% oil	1.16
189.00	muddy gassy frothy oil	2.65
0.00	would not grind out	0.00
0.00	gravity of oil 41 corrected	0.00

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C.
 445 Union Boulevard Suite 208
 Lakewood, Colorado 80228
 ATTN: Charley Sturdavant

Clark #4-24
24-17s-14w
 Job Ticket: 15745 **DST#: 1**
 Test Start: 2010.11.17 @ 09:40:00

Tool Information

Drill Pipe:	Length: 3099.00 ft	Diameter: 3.80 inches	Volume: 43.47 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.76 inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: - bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3300.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3277.00	
Hydraulic Tool	5.00			3282.00	
Jars	6.00			3288.00	
Safety Joint	2.00			3290.00	
Packer	5.00			3295.00	28.00 Bottom Of Top Packer
Packer	5.00			3300.00	
Perforations	11.00			3311.00	
Recorder	1.00	8524	Inside	3312.00	
Recorder	1.00	8525	Outside	3313.00	
Bull Plug	3.00			3316.00	16.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15745

DST#: 1

ATTN: Charley Sturdavant

Test Start: 2010.11.17 @ 09:40:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	Gas to surface 1st shut-in	0.000
204.00	Clean gassy oil 15% gas 85% oil	1.158
189.00	muddy gassy frothy oil	2.651
0.00	would not grind out	0.000
0.00	gravity of oil 41 corrected	0.000

Total Length: 393.00 ft

Total Volume: 3.809 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

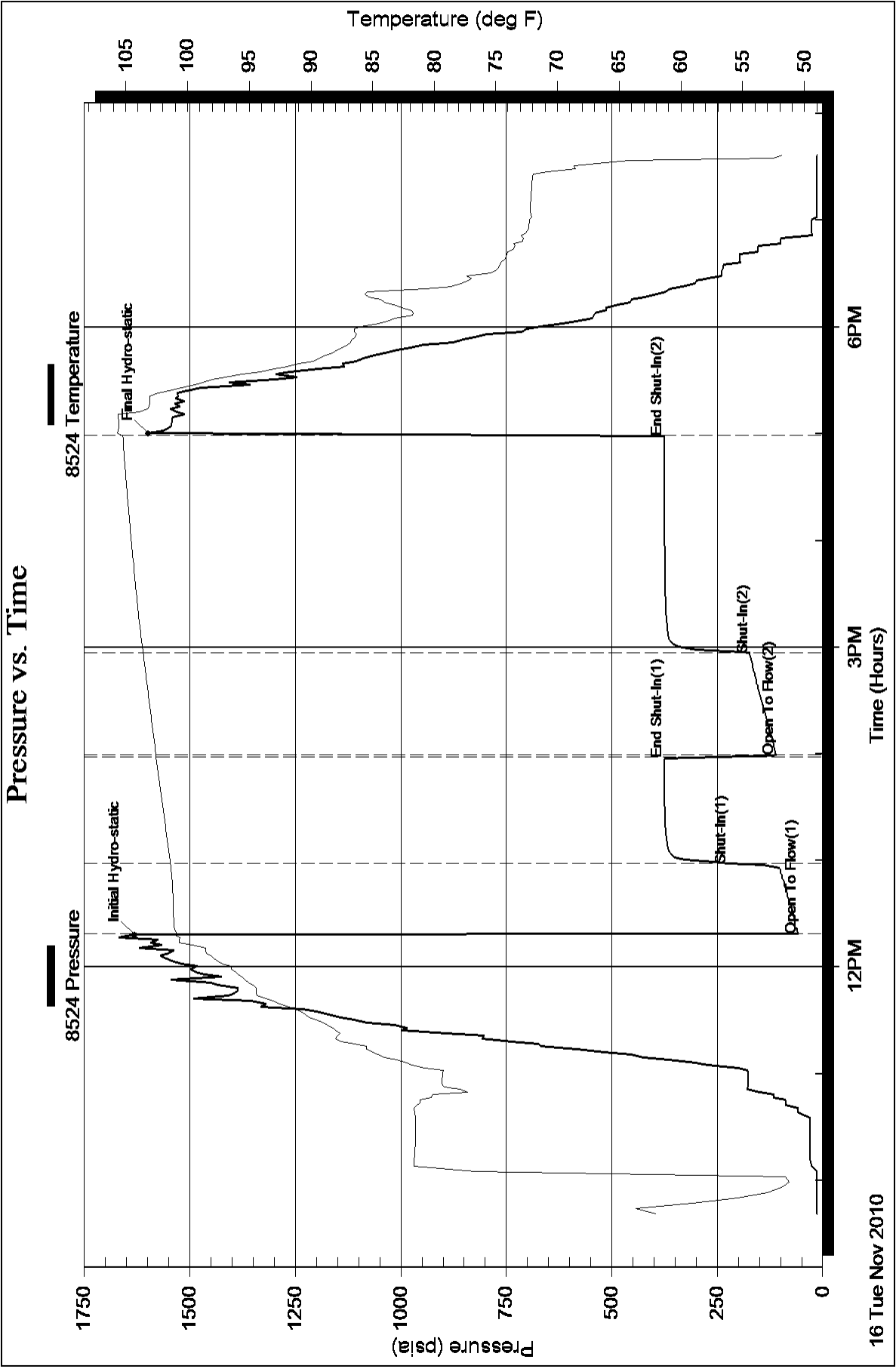
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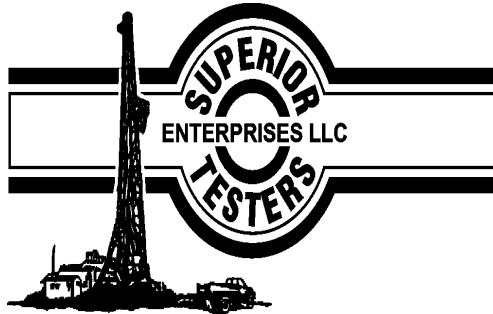
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C.**

445 Union Boulevard Suite 208
Lakewood , Colorado 80228

ATTN: Charley Sturdavant

`24-17s-14w

Clark #4-24

Start Date: 2010.11.18 @ 12:15:00

End Date: 2010.11.18 @ 00:00:00

Job Ticket #: 15746 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.11.18 @ 07:13:26

Shelby Resources L.L.C. Clark #4-24 `24-17s-14w DST # 2 Arbuckle 2010.11.18



DRILL STEM TEST REPORT

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15746

DST#: 2

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 12:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-38

Interval: 3374.00 ft (KB) To 3422.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 3422.00 ft (KB) (TVD)

1916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8525 Outside

Press @ Run Depth: 904.06 psia @ 3419.30 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.11.18

End Date: 2010.11.18

Last Calib.: 2010.11.18

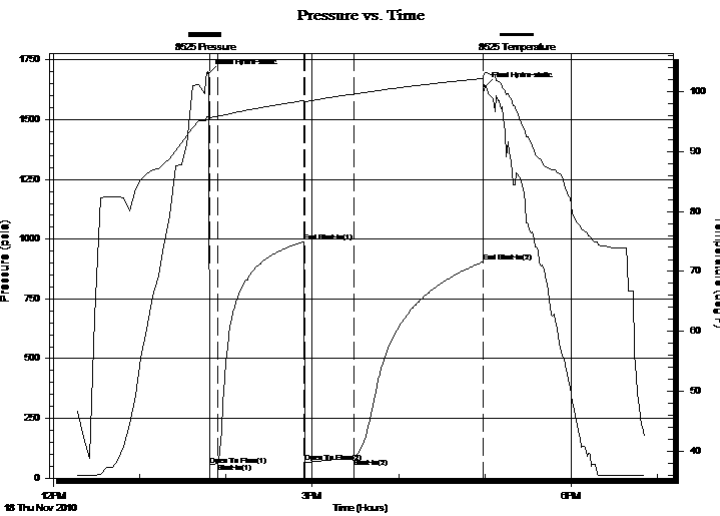
Start Time: 12:17:00

End Time: 18:51:30

Time On Btm: 2010.11.18 @ 13:48:00

Time Off Btm: 2010.11.18 @ 17:00:00

TEST COMMENT: 1st Opening 05 Minutes weak building blow built to 1 1/2 inches into the water
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 35 Minutes-Weak blow built to 1 inch into the water decreased and died in 28 minutes
 2nd Shut-In 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1694.64	95.84	Initial Hydro-static
1	53.45	95.42	Open To Flow (1)
7	61.25	95.89	Shut-In(1)
66	989.56	98.49	End Shut-In(1)
67	66.32	98.36	Open To Flow (2)
101	83.14	99.59	Shut-In(2)
191	904.06	102.19	End Shut-In(2)
192	1639.04	103.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean oil	0.15
50.00	oil cut mud 20% oil 80% Mud	0.25

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C.
 445 Union Boulevard Suite 208
 Lakewood, Colorado 80228
 ATTN: Charley Sturdavant

Clark #4-24
24-17s-14w
 Job Ticket: 15746 **DST#: 2**
 Test Start: 2010.11.18 @ 12:15:00

Tool Information

Drill Pipe:	Length: 3164.00 ft	Diameter: 3.80 inches	Volume: 44.38 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3374.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.30 ft			
Tool Length:	76.30 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3351.00	
Hydraulic Tool	5.00			3356.00	
Jars	6.00			3362.00	
Safety Joint	2.00			3364.00	
Packer	5.00			3369.00	28.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Perforations	5.00			3379.00	
Change Over Sub	0.75			3379.75	
Drill Pipe	31.80			3411.55	
Change Over Sub	0.75			3412.30	
Perforations	5.00			3417.30	
Recorder	1.00	8524	Inside	3418.30	
Recorder	1.00	8525	Outside	3419.30	
Bull Plug	3.00			3422.30	48.30 Bottom Packers & Anchor

Total Tool Length: 76.30



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15746

DST#: 2

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 12:15:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	Clean oil	0.148
50.00	oil cut mud 20% oil 80% Mud	0.246

Total Length: 80.00 ft Total Volume: 0.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

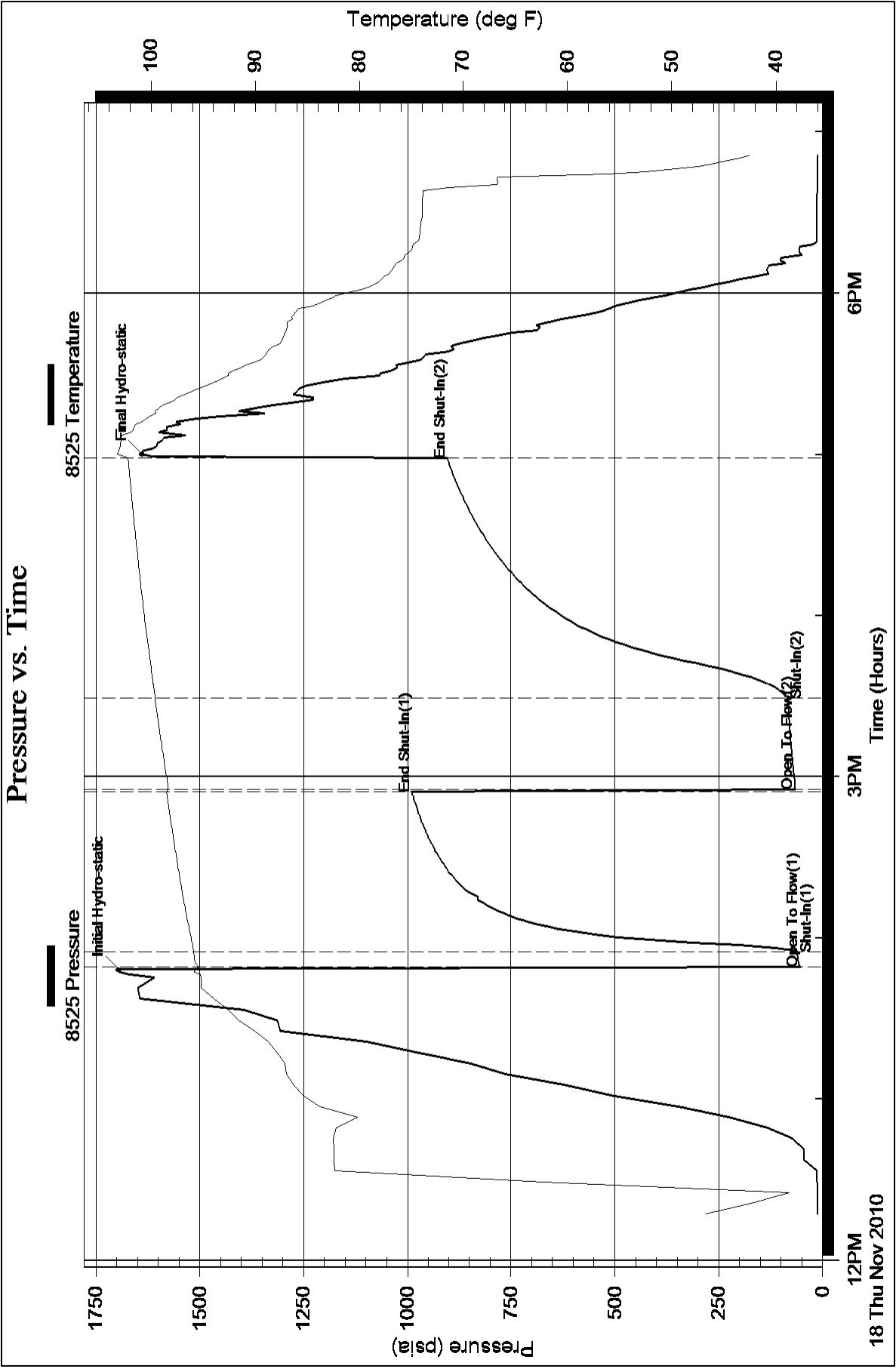
Serial #:

Laboratory Name:

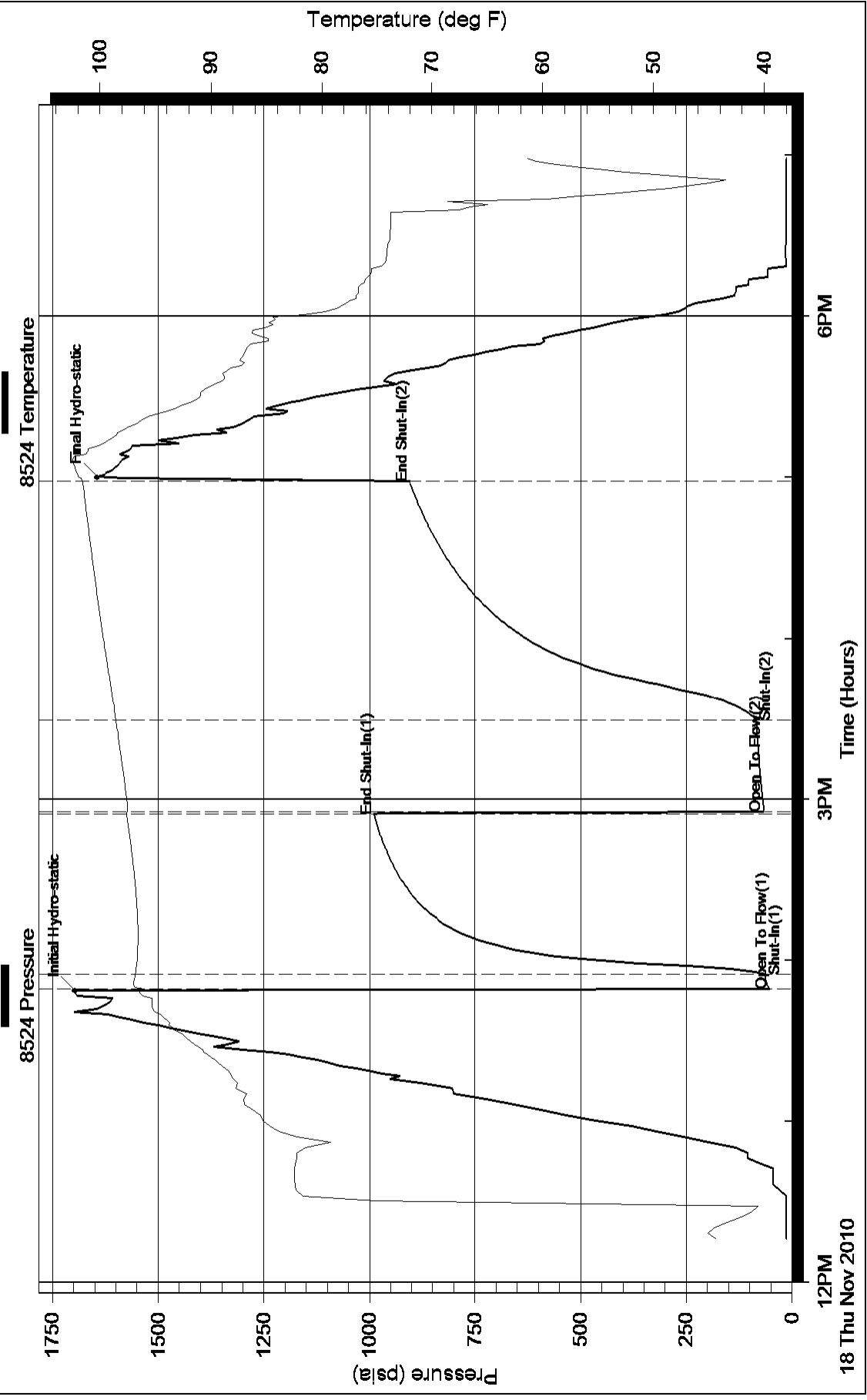
Laboratory Location:

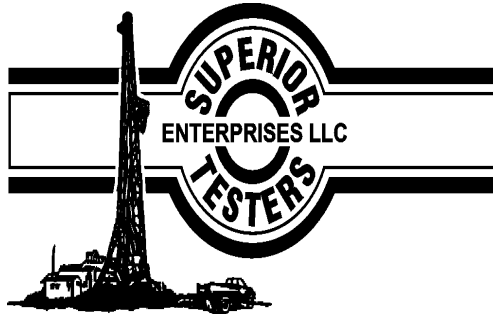
Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C.**

445 Union Boulevard Suite 208
Lakewood , Colorado 80228

ATTN: Charley Sturdavant

`24-17s-14w

Clark #4-24

Start Date: 2010.11.18 @ 02:10:00

End Date: 2010.11.18 @ 09:55:30

Job Ticket #: 15747 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.11.18 @ 22:15:23

Shelby Resources L.L.C. Clark #4-24 `24-17s-14w DST # 3 Arbuckle 2010.11.18



DRILL STEM TEST REPORT

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15747

DST#: 3

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 02:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:47:00

Time Test Ended: 09:55:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

Interval: 3422.00 ft (KB) To 3432.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 3432.00 ft (KB) (TVD)

1916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8524 Inside

Press @ Run Depth: 118.16 psia @ 3428.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.11.18

End Date: 2010.11.18

Last Calib.: 2010.11.18

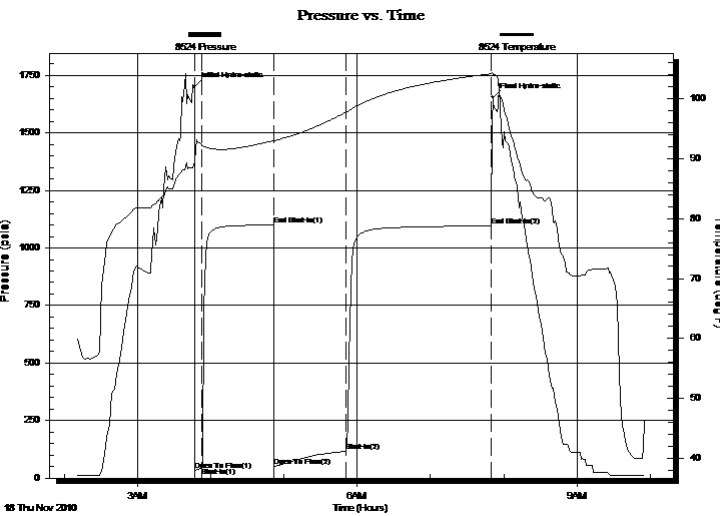
Start Time: 02:10:00

End Time: 09:55:30

Time On Btm: 2010.11.18 @ 03:46:30

Time Off Btm: 2010.11.18 @ 07:51:00

TEST COMMENT: 1st Opening 05 Minutes-Weak building blow built to 2 1/2 inches into the water
 1st Shut-In 60 Minutes-No Blow back
 2nd Opening 60 Minutes-Weak building blow built to the bottom of a 5 gallon bucket in 52 Minutes
 2ns shut-In 120 Minutes- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1700.23	89.50	Initial Hydro-static
1	34.13	89.53	Open To Flow (1)
7	44.93	92.18	Shut-In(1)
65	1099.49	92.99	End Shut-In(1)
66	49.64	92.94	Open To Flow (2)
125	118.16	97.74	Shut-In(2)
244	1095.32	104.18	End Shut-In(2)
245	1653.92	104.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Clean gassy oil Gravity 37 corrected	0.74
0.00	15% Gas 85% Oil	0.00
30.00	Oil & Gas cut mud	0.15
0.00	5% Gas 10% Oil 85% Mud	0.00
40.00	Oil and Gas cut muddy water	0.50
0.00	5% Gas 15% Oil 40% Mud 40% Water	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15747

DST#: 3

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 02:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:47:00

Time Test Ended: 09:55:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

Interval: 3422.00 ft (KB) To 3432.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 3432.00 ft (KB) (TVD)

1916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 2525 Outside

Press @ Run Depth: 1094.29 psia @ 3429.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.11.18

End Date: 2010.11.18

Last Calib.: 2010.11.18

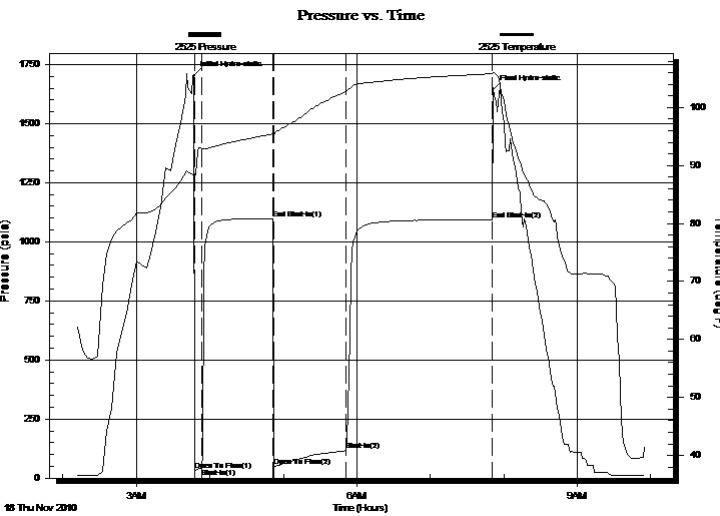
Start Time: 02:10:00

End Time: 09:55:00

Time On Btm: 2010.11.18 @ 03:47:00

Time Off Btm: 2010.11.18 @ 07:51:30

TEST COMMENT: 1st Opening 05 Minutes-Weak building blow built to 2 1/2 inches into the water
 1st Shut-In 60 Minutes-No Blow back
 2nd Opening 60 Minutes-Weak building blow built to the bottom of a 5 gallon bucket in 52 Minutes
 2ns shut-In 120 Minutes- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1702.30	88.20	Initial Hydro-static
1	33.30	88.06	Open To Flow (1)
6	43.30	92.99	Shut-In(1)
65	1098.62	95.46	End Shut-In(1)
65	48.27	95.14	Open To Flow (2)
124	116.59	102.85	Shut-In(2)
244	1094.29	105.85	End Shut-In(2)
245	1644.32	106.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Clean gassy oil Gravity 37 corrected	0.74
0.00	15% Gas 85% Oil	0.00
30.00	Oil & Gas cut mud	0.15
0.00	5% Gas 10% Oil 85% Mud	0.00
40.00	Oil and Gas cut muddy water	0.50
0.00	5% Gas 15% Oil 40% Mud 40% Water	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15747

DST#: 3

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 02:10:00

Tool Information

Drill Pipe:	Length: 3232.00 ft	Diameter: 3.80 inches	Volume: 45.34 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 46.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3422.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3399.00	
Hydraulic Tool	5.00			3404.00	
Jars	6.00			3410.00	
Safety Joint	2.00			3412.00	
Packer	5.00			3417.00	28.00 Bottom Of Top Packer
Packer	5.00			3422.00	
Perforations	5.00			3427.00	
Recorder	1.00	8524	Inside	3428.00	
Recorder	1.00	2525	Outside	3429.00	
Bull Plug	3.00			3432.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C.

Clark #4-24

445 Union Boulevard Suite 208
Lakewood, Colorado 80228

24-17s-14w

Job Ticket: 15747

DST#: 3

ATTN: Charley Sturdavant

Test Start: 2010.11.18 @ 02:10:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 8100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	Clean gassy oil Gravity 37 corrected	0.738
0.00	15% Gas 85% Oil	0.000
30.00	Oil & Gas cut mud	0.148
0.00	5% Gas 10% Oil 85% Mud	0.000
40.00	Oil and Gas cut muddy water	0.497
0.00	5% Gas 15% Oil 40% Mud 40% Water	0.000
0.00	Chlorides 12000	0.000

Total Length: 220.00 ft

Total Volume: 1.383 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

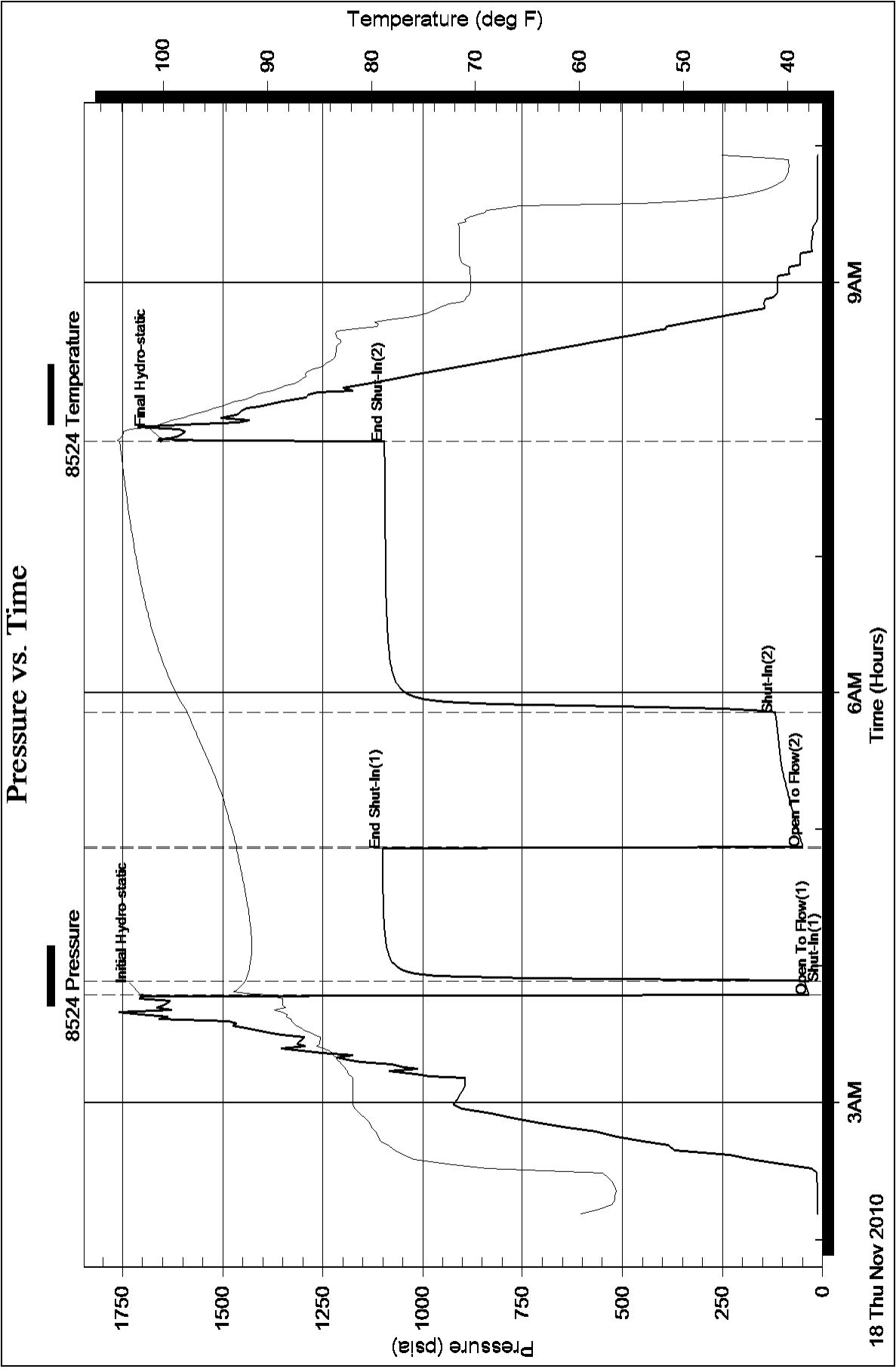
Serial #:

Laboratory Name:

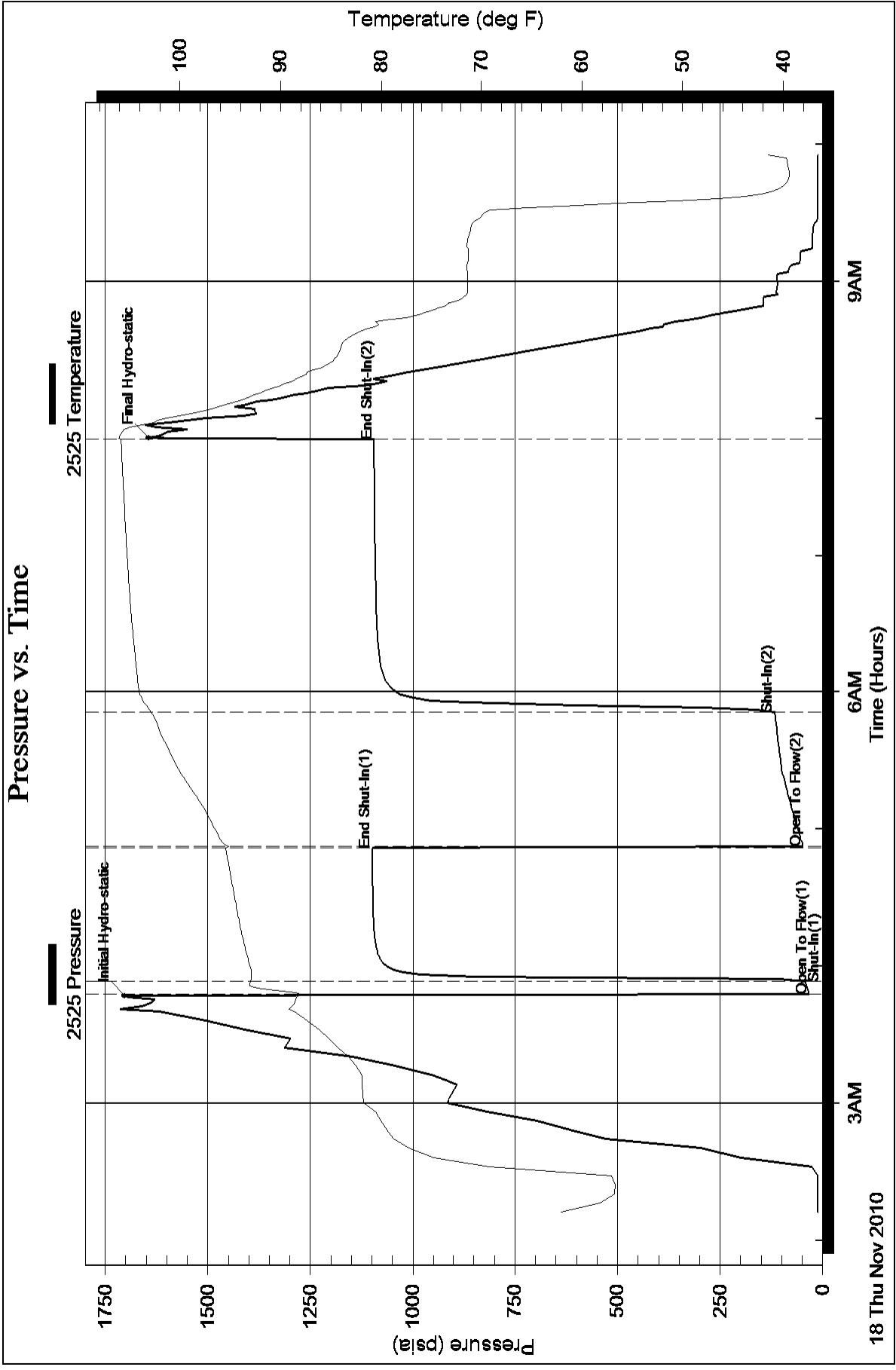
Laboratory Location:

Recovery Comments:

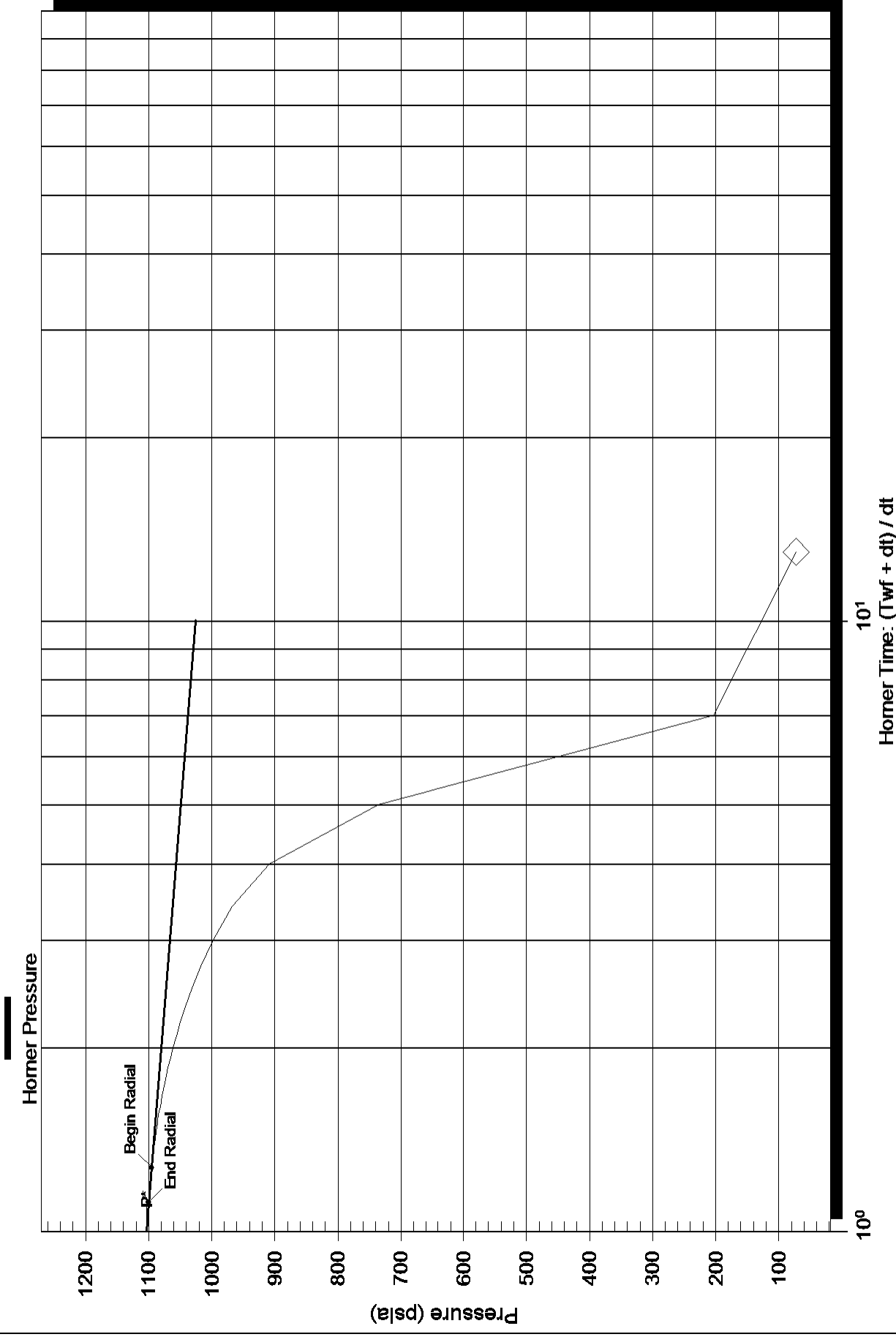
Pressure vs. Time



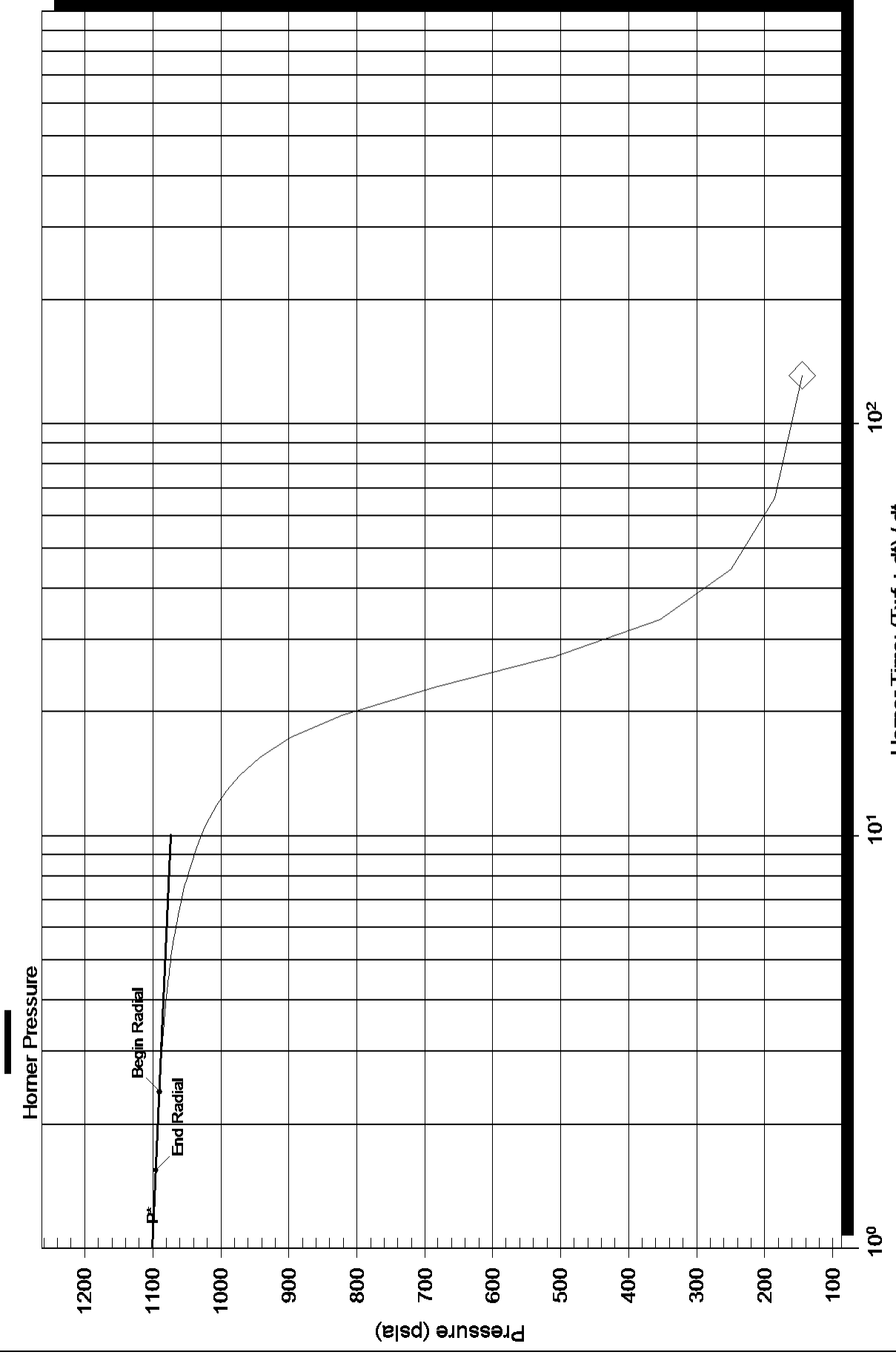
Pressure vs. Time



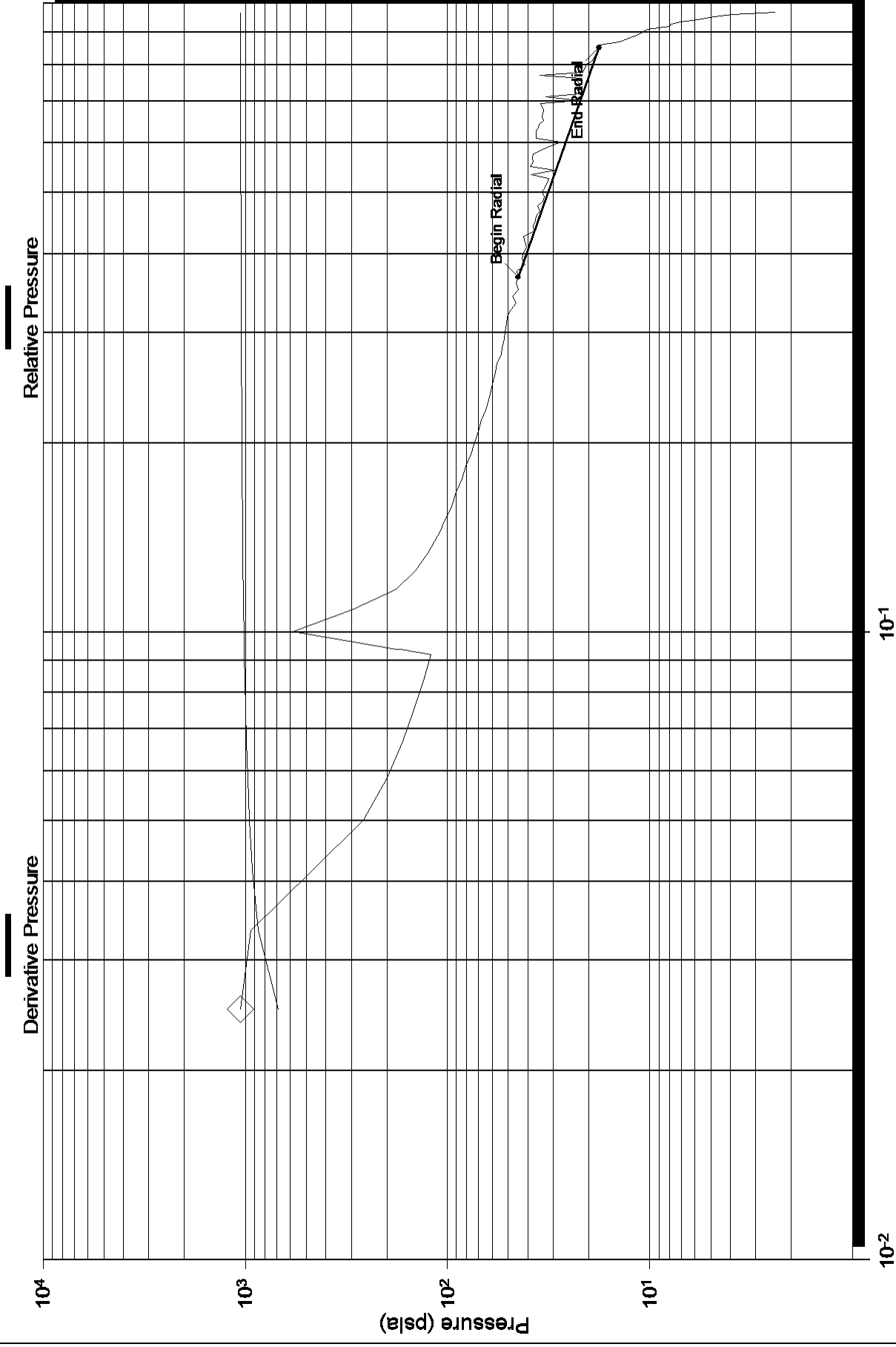
Horner Plot



Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative

