ALLIED CEMENTING CO., LLC. 041538

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE 6-11-10	SEC. 26	TWP. 20S	RANGE 26W	CALLED OUT	ON LOCATION	JOB START 3:15pm	JOB FINISH 3:45pm
LEASE Goodman Unit	WELL # 1-26		LOCATION Beeler 11S 1½E			COUNTY Ness	STATE KS
OLD OR (NEW) (Circle one)			S into				

CONTRACTOR HD Drilling Rig 3
TYPE OF JOB Surface Job
HOLE SIZE 12¼ T.D. 260
CASING SIZE 8⅝ DEPTH 256.36
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.3266 l

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Shane
417 HELPER Heath
BULK TRUCK
344 DRIVER Bobby
BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 175 Com 3%2

COMMON	175	@ 13.50	2362.50
POZMIX		@	
GEL	3	@ 20.25	60.75
CHLORIDE	6	@ 51.50	309.00
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	175	@ 2.25	393.75
MILEAGE	110/sk/mile		350.00
		TOTAL	3476.00

REMARKS:

Ran 6 Jts & Landing Jt.
Mixed 175 sks
to Circulate Cement

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			991.00
EXTRA FOOTAGE		@	
MILEAGE	20	@ 7.00	140.00
MANIFOLD		@	
		@	
		@	
		TOTAL	1131.00

CHARGE TO: Larson Engineering
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	
		TOTAL	

Thanks!

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.

SALES TAX (If Any)
TOTAL CHARGES [redacted]
DISCOUNT [redacted] IF PAID IN 30 DAYS

PRINTED NAME LeWayne Tresner

SIGNATURE LeWayne Tresner

ALLIED CEMENTING CO., LLC. 036700

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend KS

DATE 6-22-10	SEC. 26	TWP. 20S	RANGE 26 W	CALLED OUT	ON LOCATION	JOB START 700 AM	JOB FINISH 800 AM
LEASE Goodman	WELL # 1-26		LOCATION Beeler 11 South 1/2 East South into			COUNTY NESS	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR H-D Rig 2
TYPE OF JOB Rotary Plug
HOLE SIZE 7 3/4 T.D. 4550
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1700
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 27 3/4 Bbls

OWNER Hanson

CEMENT

AMOUNT ORDERED 200 SX 60/40 4% Gel
4# Flosea

COMMON	120	@ 13.50	1620.00
POZMIX	80	@ 7.55	604.00
GEL	7	@ 20.25	141.75
CHLORIDE		@	
ASC		@	
Flosea	50#	@ 2.45	122.50
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	200	@ 2.25	450.00
MILEAGE	200x20x.10		400.00
		TOTAL	3338.75

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D
181 HELPER Alvin-R
BULK TRUCK
344 DRIVER Bob-R
BULK TRUCK
DRIVER

REMARKS:

1st plug 1700 mix 50SX 20BBLS Dis
2nd plug 870 mix 50sx 7BBLS DIS
3rd plug 290 mix 50SX .25
4th plug 60 mix 20SX .25
Rat mix 30SX .25
wash up Rig Down

SERVICE

DEPTH OF JOB 1700
PUMP TRUCK CHARGE 990.00
EXTRA FOOTAGE @
MILEAGE 20 @ 7.00 140.00
MANIFOLD @
@
@
TOTAL 1130.00

CHARGE TO: Hanson
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

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 LeWAYNE TRESNER

SIGNATURE LeWayne Tresner

Robert C. Lewellyn

Consulting Petroleum Geologist

P. O. Box 375
Kechi, KS 67067-0609
Office 316-744-2567
Cell 316-518-0495
boblewellyn@yahoo.com

GEOLOGICAL REPORT

Larson Engineering, Inc.
Goodman Unit No. 1-26
62' FNL & 2585' FWL Sec. 26-20S-26W
Ness County, Kansas

CONTRACTOR:	H D Drilling, LLC, Rig 3
SPUDDED:	June 11, 2010
DRILLING COMPLETED:	June 22, 2010
SURFACE CASING:	8 5/8" @ 253 KBM/175 sx,
ELECTRIC LOGS:	Log-Tech DIL CNL/CDL MEL
ELEVATIONS:	2463 KB 2256 GL

FORMATION TOPS (Electric Log):

Anhydrite	1690 (+ 773)
Base Anhydrite	1724 (+ 739)
Heebner Shale	3781 (-1318)
Lansing-Kansas City Group	3825 (-1362)
Muncie Creek Shale	3990 (-1527)
Stark Shale	4097 (-1634)
Hushpuckney shale	4136 (-1673)
Base Kansas City	4210 (-1747)
Altamont	4248 (-1785)
Pawnee	4281 (-1818)
Myrick Station	4305 (-1842)
Fort Scott	4346 (-1883)
Cherokee Shale	4369 (-1906)
Cherokee Sand	4432 (-1969)
Detrital Zone	4436 (-1973)
Mississippi Lime	4440 (-1977)
Mississippi Spergen	4465 (-2002)
Electric Log Total Depth	4550 (-2087)

Samples were examined microscopically from 3800 to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of interest, Drill Stem Tests, etc. For a complete lithologic description of all formations, refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

3825-3856 (A Zone)

Limestone, cream to buff, dense to finely crystalline, considerable chalk, zone is mostly tight, no show of oil.

3861-3874 (B Zone)

Limestone, cream to buff, dense to finely crystalline and finely oolitic in part, scattered poor intercrystalline and poor ooliticastic porosity, no show of oil.

3889-3909 (C/D Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, much chalk, zone is tight with no shows of oil.

3911-3916 (E Zone)

Limestone, buff, dense to finely crystalline, some oolitic with dark oolites, zone is mostly tight with no shows of oil

3919-3927 (F Zone)

Limestone, cream to buff, some tan, dense to finely crystalline and partly fossiliferous, scattered poor intercrystalline and interfossil porosity, no show of oil, some light grey fresh chert, opaque.

3944-3950 & 3959-3968 (G Zone)

Limestone, buff, finely crystalline and oolitic, fair to good ooliticastic porosity, no show of oil. Lower portion becomes dense to finely crystalline with much chalk, tight, no show of oil.

4004-44022 (H Zone)

Limestone, buff to tan, some brown to mottled, dense to finely crystalline, partly oolitic, some dense-oolitic, poor intercrystalline and interoolitic porosity, no show of oil.

4040-4046 (I Zone)

Limestone, buff to tan to brown, some mottled, dense to finely crystalline, fossiliferous in part, zone is mostly tight, no show of oil.

4074-4082 (J Zone)

Limestone, buff to tan, finely crystalline and oolitic, fair to good ooliticastic porosity, no show of oil.

4102-4114 (K Zone)

Limestone, buff to tan, finely crystalline and partly oolitic, fair intercrystalline and ooliticastic porosity, no show of oil, some scattered chalky limestone.

4142-4144 (L Zone)

Limestone, buff to tan, dense to finely crystalline, partly oolitic with poor to fair ooliticastic porosity, no show of oil.

4210-4248 (Pleasanton Zone))

Limestone, cream to buff to tan, dense to finely crystalline and chalky, some slightly fossiliferous, zone is mostly tight, no show of oil.

4248-4277 (Altamont Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, partly oolitic, partly fossiliferous, poor intercrystalline and interfossil porosity, poor spotted stain, very slight show of free oil, faint odor, slight fluorescence, poor cut.

Drill Stem Test No. 1 4242-4275
15-30-15-30; tool open with bubbles, then no blow; blow did not return on second flow; recovered one foot of mud. ISIP 21# FSIP 19# IFP 17-17# FFP 17-17# BHT 115 degrees.

4281-4297 (Pawnee Zone)

Limestone, cream to buff, some brown, some mottled, dense to finely crystalline and chalky, tight with only a trace of very poor intercrystalline porosity, few pieces with very poor spotted stain, trace of free oil, questionable odor, no fluorescence, no cut.

4305-4338 (Myrick Station Zone)

Limestone, tan to brown, dense to finely crystalline, some slightly fossiliferous, zone is mostly tight with trace of very poor spotted stain, no free oil, questionable odor, no fluorescence, no cut.

4346-4369 (Fort Scott Zone)

Limestone, buff to tan, some brown, dense to finely crystalline and partly oolitic, poor intercrystaline and interoolitic porosity, trace of poor spotted stain, very slight show of free oil, faint questionable odor, slight fluorescence, very poor cut.

Drill Stem Test No. 2 4274-4390
15-30-30-60; blow built to one-fourth inch in four minutes, intermittent quarter-inch blow throughout first flow; blow did not return on second flow; recovered 20 feet of slightly oil cut mud (4% gas, 6% oil, 90% mud) ISIP 125# FSIP 93# IFP 22-29# FSIP 31-33# IHP 2082# FHP 2048# BHT 117 degrees.

4404-4426 (Johnson Zone)

Limestone, buff to tan, some medium grey, dense to finely crystalline, slightly fossiliferous, poor intercrystalline and interfossil porosity, trace of poor spotted stain, questionable odor, trace of free oil, no fluorescence, poor cut.

4432-4436 (Cherokee Sand)

Sand, grey to buff, fine grained, subround, well sorted, well cemented to friable, poor intergranular porosity, poor to fair spotted stain, good strong odor, slight show of free oil, poor to fair fluorescence, fair cut.

4436-4440 (Detrital Zone)

Chert, tan, fresh to weathered with scattered poor vuggy porosity, dark to dead stain, some tan, finely crystalline limestone with poor to fair intercrystalline porosity, and scattered dead stain, no free oil, trace of tarry odor, no fluorescence, poor tarry cut.

Drill Stem Test No. 3 4382-4438
15-30-30-60; quarter inch blow built to ¾ inch blow on first flow; blow did not return on second flow; recovered 30 feet of gas in pipe and 30 feet of gassy oil cut mud (9% gas, 13% oil, 78% mud). ISIP 99# FSIP 68# IFP 22-27# FFP 31-37# IHP 2127# FHP 2098# BHT 117 degrees.

4440-4465 (Mississippian Lime Zone)

Limestone, buff, some tan, dense to finely crystalline, some cream chalky, section is mostly tight with no shows of oil.

4465-4492

Dolomite, buff to tan, finely crystalline, some microcrystalline to sucrosic, scattered fair intercrystalline and vugular porosity, no show of oil.

4492-4550

Dolomitic limestone and dolomite, buff to tan, some scattered brown, mostly tight with intermittent streaks of poor scattered intercrystalline porosity, no show of oil.

4550 Rotary Total Depth

Conclusions and Recommendations:

Sample examination, drill stem testing, and electric logging revealed no zones capable of producing oil or gas in commercial quantities in the No. 1-26 Goodman Unit. It was therefore recommended that the well be plugged and abandoned.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

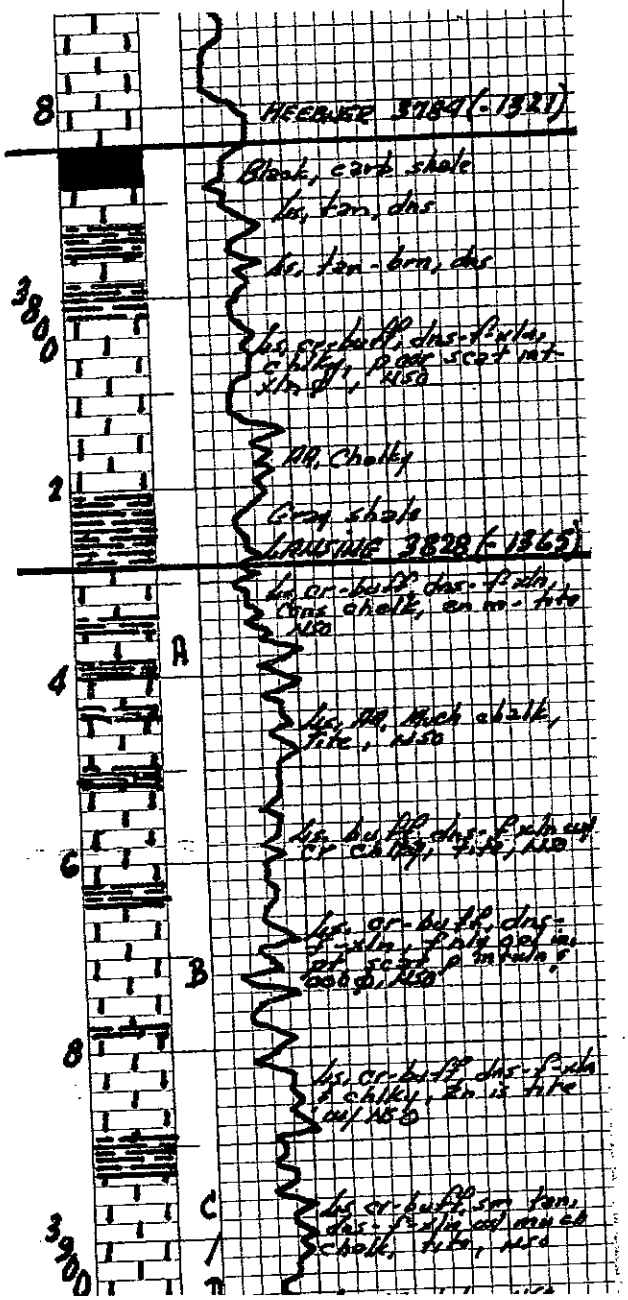
RCL:me

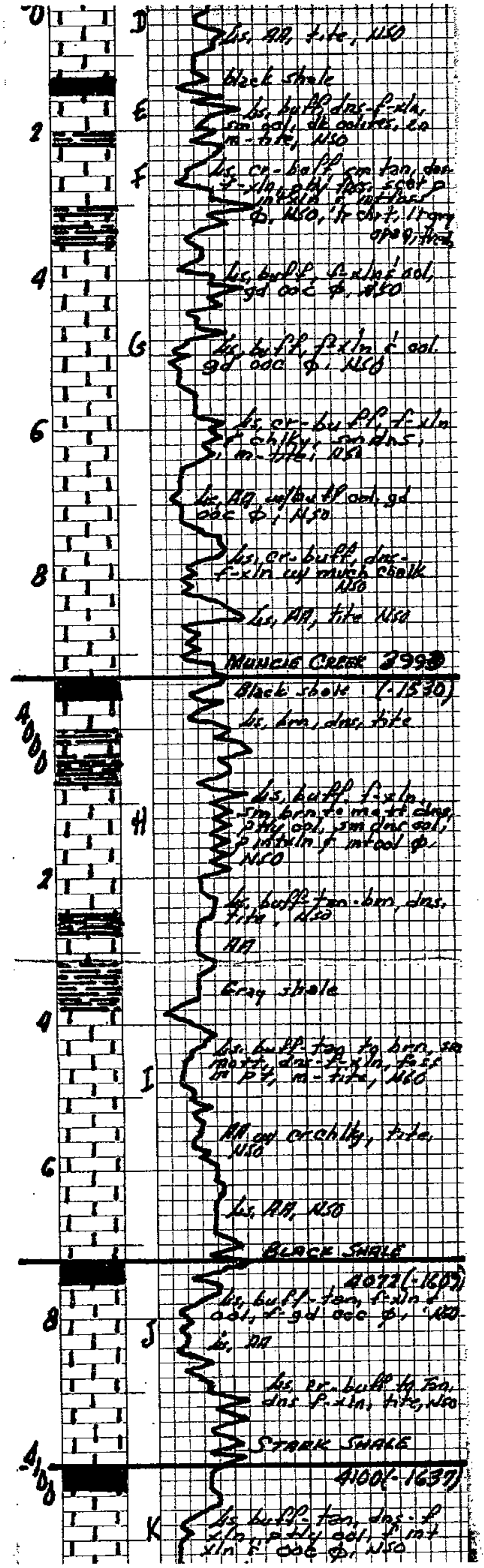
KANSAS	COMPANY LARSON ENGINEERING, Inc.
COUNTY NESS	FARM GOODMAN UNIT WELL NO. 1-26
BLOCK	SURVEY 62' FNL & 2585 FWL
SEC. 26	
T. 20S R. 26W	TOTAL DEPTH 4550
	CONTRACTOR HD Drilling, Rig 3
	COMMENCED 06-11-2010
	COMPLETED 06-22-2010
	REMARKS
ALTITUDE 2463 KB	Robert C. Llewellyn - Geologist
PRODUCTION D & A	

CASING RECORD

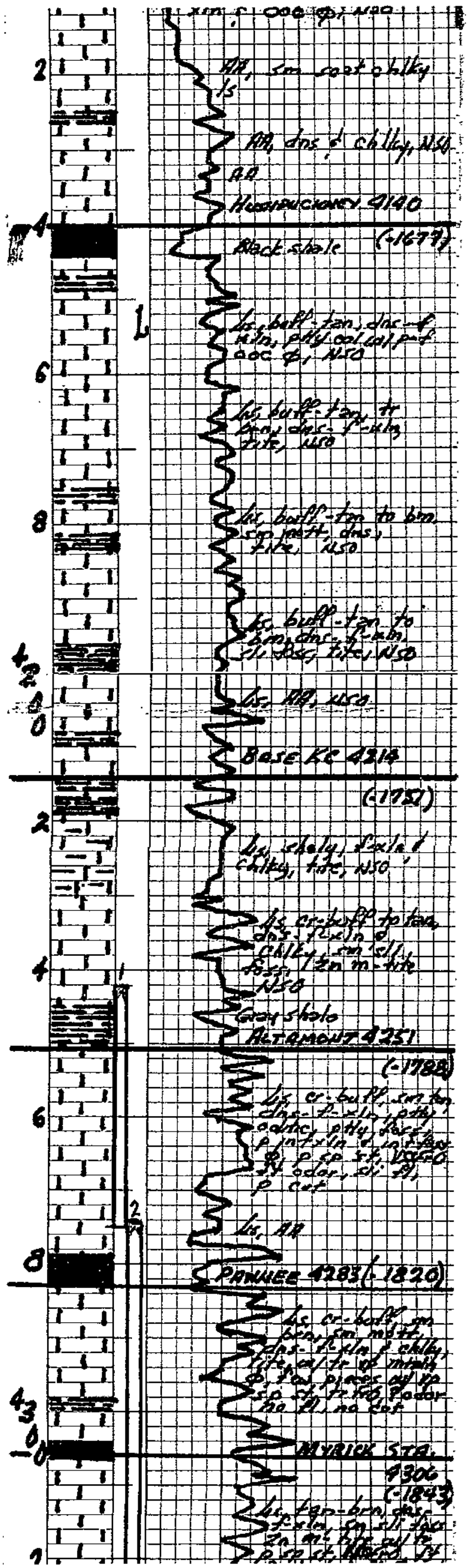
8 5/8" @ 253/KBM/ 175 sx

SHOT | QUARTS | BETWEEN

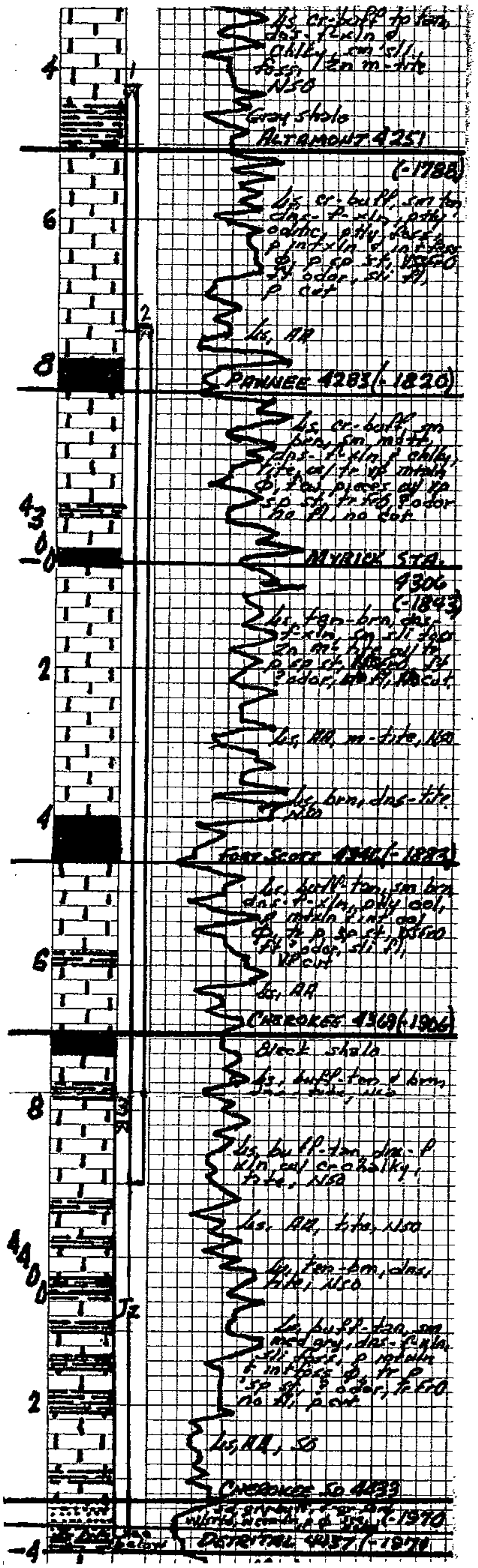




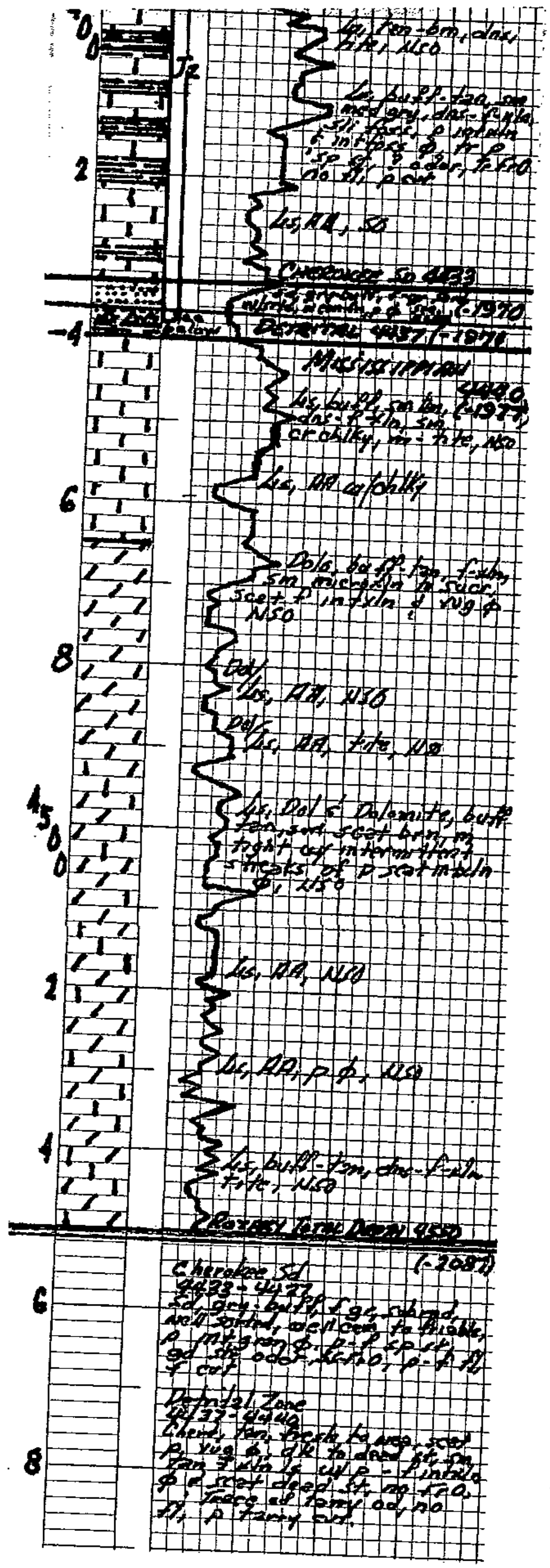
D
E
F
G
H
I
J
K
Ls, AA, tite, NSO
black shale
Ls, cr-buff, f-xln, chlky, sm dns, m-tite, NSO
Ls, AA, w/buff ool, gd ooc Φ, NSO
Ls, cr-buff, dns-f-xln w/ much chalk NSO
Ls, AA, tite NSO
MUNCIE CREEK 399?
Black shale (-1530)
Ls, brn, dns, tite
Ls, buff-tan-brn, dns, tite, NSO
AA
Gray shale
AA w/ cr chlky, tite, NSO
Ls, AA, NSO
BLACK SHALE
4072 (-1609)
Ls, AA
Ls, cr-buff to tan, dns f-xln, tite, NSO
STARK SHALE
4100 (-1637)
4000
4100

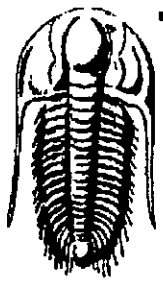


AA, sm cont o chlky ls
AA, dns & chlky, NSO
AA
4140
Black shale
(-1677)
ls, buff-tan, dns-f xln, ptly col cal pat ooc φ, NSO
ls, buff-tan, tr brn, dns-f-xln, fitc, NSO
ls, buff-tan to brn, sm mott, dns, fitc, NSO
ls, buff-tan to brn, dns-f-xln, sl fss, fitc, NSO
ls, AA, NSO
Base KC 4214
(-1751)
ls, shaly, f-xln & chlky, fitc, NSO
Gray shale
ALTAMONT 4251
(-1788)
ls, AA
PAWNEE 4283 (-1820)
MYRICK STA.
4306
(-1843)



Gray shale
ALTAMONT 4251
(-1788)
PAWNEE 4283 (-1820)
MYRICK STA.
4306
(-1843)
FORT SCOTT
(-1883)
CHEROKEE 4369 (-1906)
Black shale
CHEROKEE SD 4433
DETRITAL


4400
2
Ls, AA, SD
Cherokee SD 4433
(-1970)
Osvertal 4437 (-1974)
-4
Mississippian
4440
(-1977)
crchlky
Ls, AA w/chlky
6
Dolo, buff-tan, f-xln
NSO
8
Dol/Ls, AA, NSO
Dol/Ls, AA, tite, NSO
Ls, Dol & Dolomite, buff tan
4500
Ls, AA, NSO
2
Ls, AA, p ɸ, NSO
4
Ls, buff-tan, dns-f-xln tite, NSO
Rotary Total Depth 4550
Cherokee Sd
(-2087)
4433-4437
6
8
Deptal Zone
4437-4440



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

26 20s 26w Ness KS

Goodman Unit #1-26

Start Date: 2010.06.18 @ 13:53:00
End Date: 2010.06.18 @ 20:24:00
Job Ticket #: 37349 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37349 **DST#: 1**

Test Start: 2010.06.18 @ 13:53:00

GENERAL INFORMATION:

Formation: **Altamont**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:11:30
Time Test Ended: 20:24:00

Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46

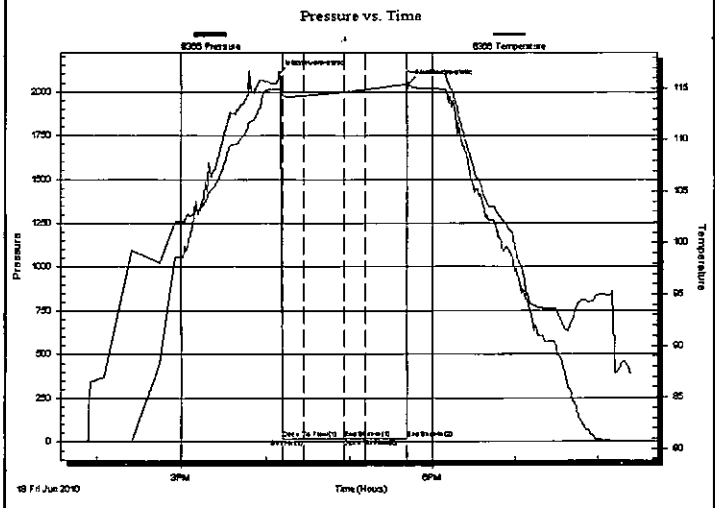
Interval: 4242.00 ft (KB) To 4275.00 ft (KB) (TVD)
Total Depth: 4275.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2463.00 ft (KB)
2456.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8366 **Inside**
Press@RunDepth: 17.30 psig @ 4243.00 ft (KB)
Start Date: 2010.06.18 End Date: 2010.06.18
Start Time: 13:53:05 End Time: 20:23:59

Capacity: 8000.00 psig
Last Calib.: 2010.06.18
Time On Btm: 2010.06.18 @ 16:09:00
Time Off Btm: 2010.06.18 @ 17:42:30

TEST COMMENT: IF: No blow
ISI: No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.29	114.87	Initial Hydro-static
3	16.65	114.33	Open To Flow (1)
18	16.74	114.26	Shut-In(1)
47	21.39	114.63	End Shut-In(1)
47	16.62	114.64	Open To Flow (2)
62	17.30	114.88	Shut-In(2)
92	19.25	115.39	End Shut-In(2)
94	2048.21	116.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37349 **DST#: 1**

Test Start: 2010.06.18 @ 13:53:00

Tool Information

Drill Pipe:	Length:	4095.00 ft	Diameter:	3.80 inches	Volume:	57.44 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	141.00 ft	Diameter:	2.25 inches	Volume:	0.69 bbl	Weight to Pull Loose:		70000.00 lb
					Total Volume:	58.13 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		21.00 ft					String Weight:	Initial	52000.00 lb
Depth to Top Packer:		4242.00 ft						Final	52000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		33.00 ft							
Tool Length:		60.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
S.I. Tool	5.00			4220.00		
HYD S.I. Tool	5.00			4225.00		
Jars	5.00			4230.00		
Safety Joint	2.00			4232.00		
Packer	5.00			4237.00	27.00	Bottom Of Top Packer
Packer	5.00			4242.00		
Shale Packer	0.00			4242.00		
Stubb	1.00			4243.00		
Recorder	0.00	8366	Inside	4243.00		
Recorder	0.00	8320	Inside	4243.00		
Perforations	29.00			4272.00		
Bullnose	3.00			4275.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37349 **DST#: 1**

Test Start: 2010.06.18 @ 13:53:00

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:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohmm	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

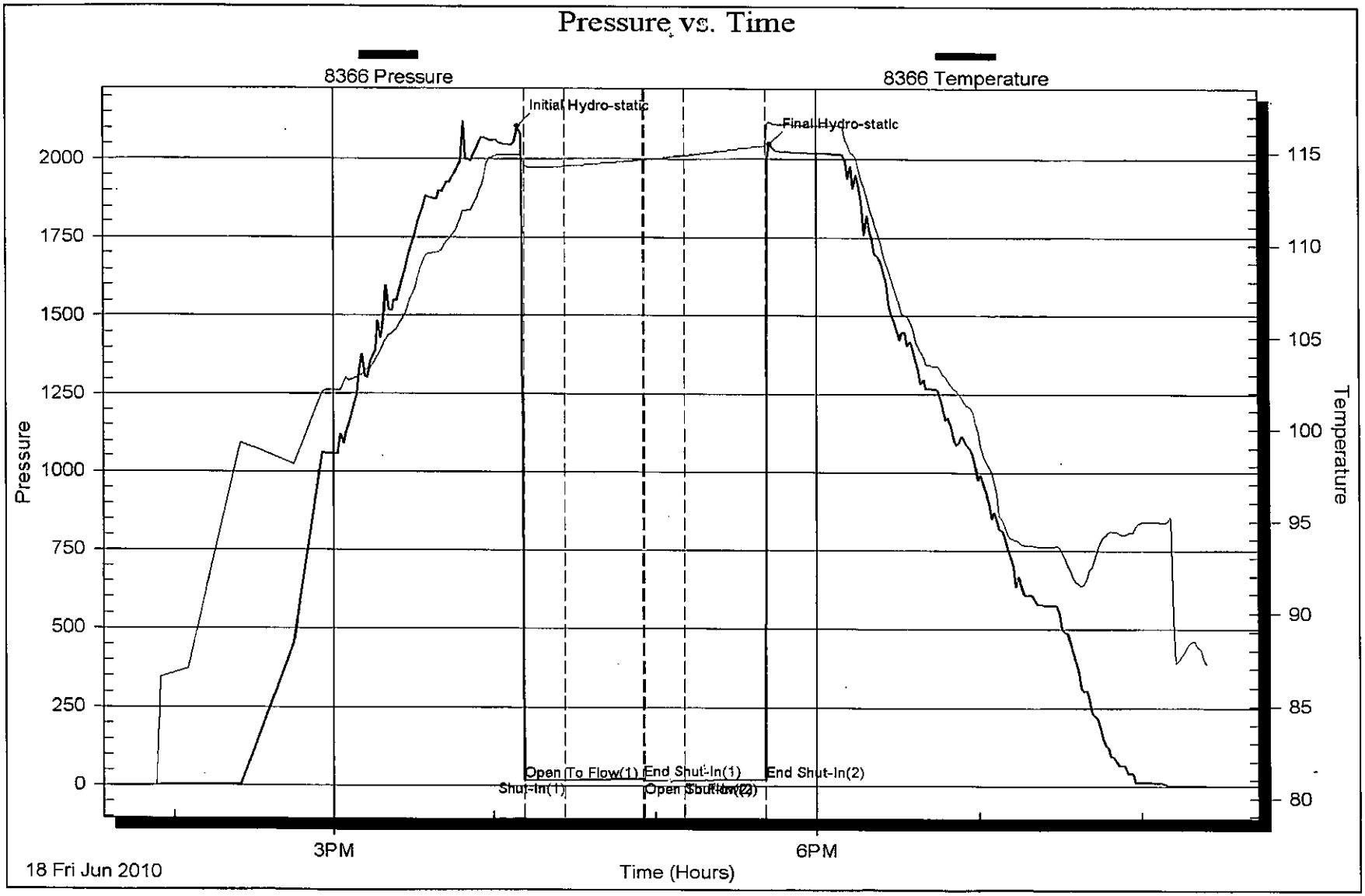
Length ft	Description	Volume bbl
1.00	Mud 100%	0.005

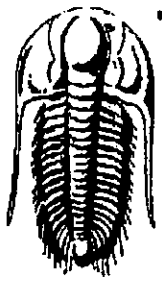
Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8366 Pressure
8366 Temperature
Initial Hydro-static
Final Hydro-static
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
Open To Flow(1)
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
3PM
6PM
18 Fri Jun 2010
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

26 20s 26w Ness KS

Goodman Unit #1-26

Start Date: 2010.06.19 @ 18:04:00
End Date: 2010.06.20 @ 02:01:00
Job Ticket #: 37350 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37350 **DST#: 2**

Test Start: 2010.06.19 @ 18:04:00

GENERAL INFORMATION:

Formation: **Pawnee - Fort Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:10:00
Time Test Ended: 02:01:00

Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46

Interval: 4274.00 ft (KB) To 4390.00 ft (KB) (TVD)
Total Depth: 4390.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

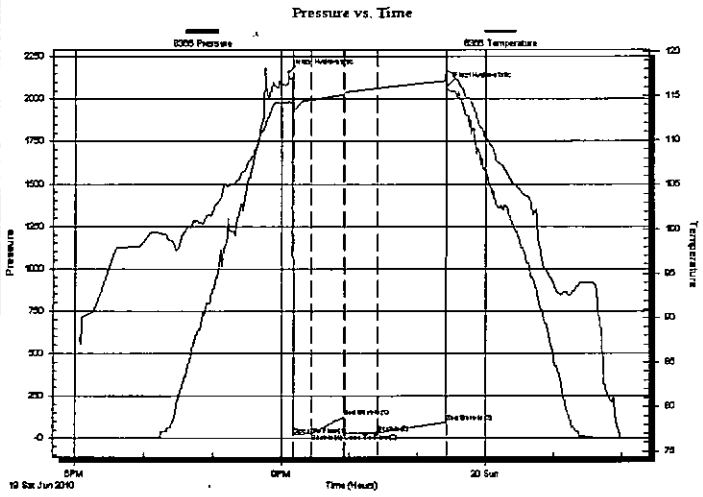
Reference Elevations: 2463.00 ft (KB)
2456.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8366 **Inside**

Press@RunDepth: 33.38 psig @ 4275.00 ft (KB)
Start Date: 2010.06.19 End Date: 2010.06.20
Start Time: 18:04:05 End Time: 02:00:59

Capacity: 8000.00 psig
Last Calib.: 2010.06.20
Time On Btm: 2010.06.19 @ 21:06:00
Time Off Btm: 2010.06.19 @ 23:26:00

TEST COMMENT: IF: Blow built to 1/4 in 4 min., Intermittent blow @ 1/4" through open
ISI: Bled off, No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.92	114.31	Initial Hydro-static
4	21.61	113.62	Open To Flow (1)
20	28.92	114.53	Shut-In(1)
49	124.74	115.14	End Shut-In(1)
50	31.17	115.27	Open To Flow (2)
79	33.38	115.85	Shut-In(2)
139	93.42	116.68	End Shut-In(2)
140	2073.95	117.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCM 90%m, 6%o, 4%g	0.10

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37350 **DST#: 2**

Test Start: 2010.06.19 @ 18:04:00

Tool Information

Drill Pipe:	Length:	4123.00 ft	Diameter:	3.80 inches	Volume:	57.83 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	141.00 ft	Diameter:	2.25 inches	Volume:	0.69 bbl	
					Total Volume:	58.52 bbl	

Drill Pipe Above KB:	17.00 ft
Depth to Top Packer:	4274.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	116.00 ft
Tool Length:	143.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	3500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	56000.00 lb
Final	56000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
S.I. Tool	5.00			4252.00		
HYD S.I. Tool	5.00			4257.00		
Jars	5.00			4262.00		
Safety Joint	2.00			4264.00		
Packer	5.00			4269.00	27.00	Bottom Of Top Packer
Packer	5.00			4274.00		
Shale Packer	0.00			4274.00		
Shale Packer	0.00			4274.00		
Stubb	1.00			4275.00		
Recorder	0.00	8366	Inside	4275.00		
Recorder	0.00	8320	Inside	4275.00		
Perforations	15.00			4290.00		
Blank Spacing	94.00			4384.00		
Perforations	3.00			4387.00		
Bullnose	3.00			4390.00	116.00	Bottom Packers & Anchor
Total Tool Length:	**143.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 37350 **DST#: 2**

Test Start: 2010.06.19 @ 18:04:00

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.94 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

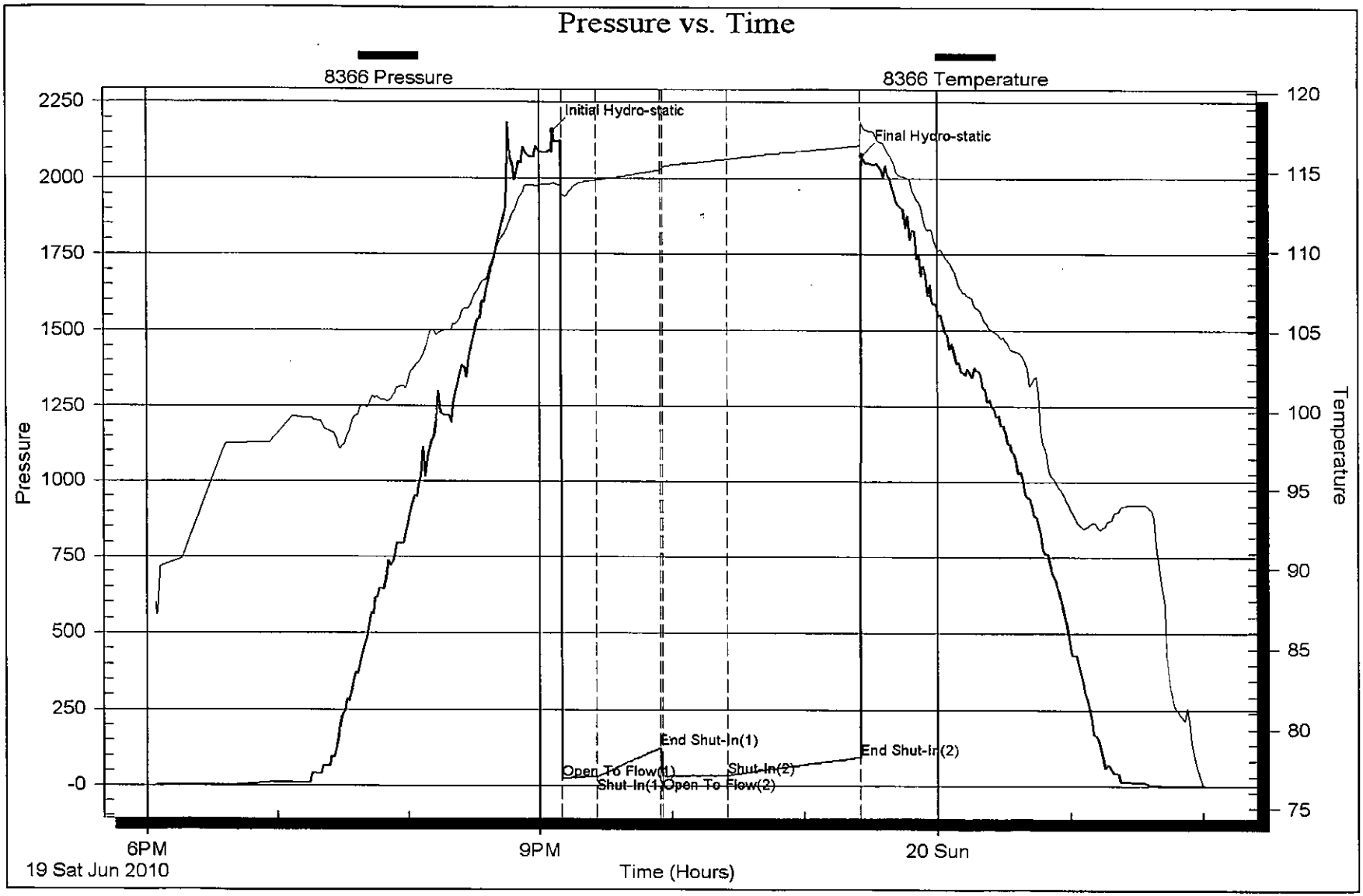
Recovery Information

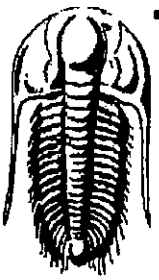
Recovery Table

Length ft	Description	Volume bbl
20.00	SOCM 90%m, 6%o, 4%g	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8366 Pressure
8366 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
-0
120
115
110
105
100
95
90
85
80
75
6PM
19 Sat Jun 2010
9PM
20 Sun
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

26 20s 26w Ness KS

Goodman Unit #1-26

Start Date: 2010.06.20 @ 14:15:00
End Date: 2010.06.20 @ 21:42:30
Job Ticket #: 38326 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 38326 **DST#: 3**

Test Start: 2010.06.20 @ 14:15:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:06:30
Time Test Ended: 21:42:30

Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46

Interval: 4382.00 ft (KB) To 4438.00 ft (KB) (TVD)
Total Depth: 4438.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

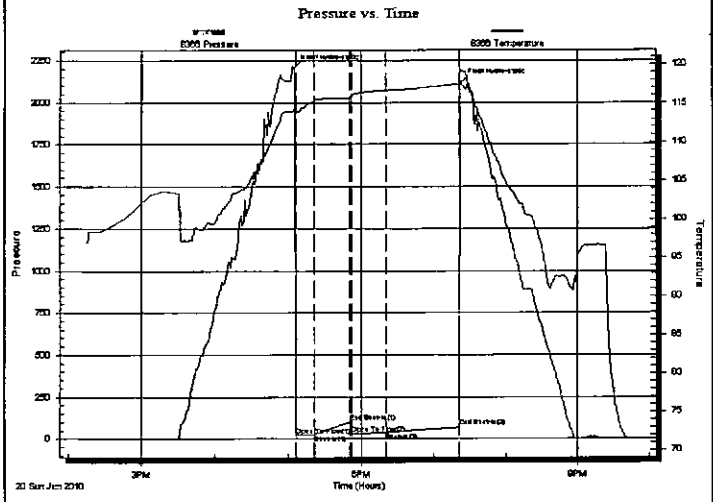
Reference Elevations: 2463.00 ft (KB)
2456.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8366 **Inside**

Press@RunDepth: 36.58 psig @ 4383.00 ft (KB)
Start Date: 2010.06.20 End Date: 2010.06.20
Start Time: 14:15:05 End Time: 21:42:29

Capacity: 8000.00 psig
Last Calib.: 2010.06.20
Time On Btm: 2010.06.20 @ 17:04:30
Time Off Btm: 2010.06.20 @ 19:22:59

TEST COMMENT: IF: 1/4" blow @ open, built to 3/4"
ISI: Bled off, No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.32	114.21	Initial Hydro-static
2	21.95	113.85	Open To Flow (1)
17	26.61	115.44	Shut-In(1)
47	99.45	115.74	End Shut-In(1)
48	31.45	116.14	Open To Flow (2)
77	36.58	116.73	Shut-In(2)
137	68.31	117.48	End Shut-In(2)
139	2118.36	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCM 78%m, 13%o, 9%g	0.15
0.00	GIP = 30'	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 38326 **DST#: 3**

Test Start: 2010.06.20 @ 14:15:00

Tool Information

Drill Pipe:	Length:	4218.00 ft	Diameter:	3.80 inches	Volume:	59.17 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	141.00 ft	Diameter:	2.25 inches	Volume:	0.69 bbl	
					Total Volume:	59.86 bbl	

Drill Pipe Above KB:	4.00 ft
Depth to Top Packer:	4382.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	56.00 ft
Tool Length:	83.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	3000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	56000.00 lb
Final	56000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
S.I. Tool	5.00			4360.00		
HYD S.I. Tool	5.00			4365.00		
Jars	5.00			4370.00		
Safety Joint	2.00			4372.00		
Packer	5.00			4377.00	27.00	Bottom Of Top Packer
Packer	5.00			4382.00		
Shale Packer	0.00			4382.00		
Stubb	1.00			4383.00		
Recorder	0.00	8366	Inside	4383.00		
Recorder	0.00	8320	Inside	4383.00		
Perforations	15.00			4398.00		
Blank Spacing	33.00			4431.00		
Perforations	4.00			4435.00		
Bullnose	3.00			4438.00	56.00	Bottom Packers & Anchor
Total Tool Length:	**83.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

562 W State Rd 4
Olmitz, KS 67564

ATTN: Bob Lewellyn

Goodman Unit #1-26

26 20s 26w Ness KS

Job Ticket: 38326 **DST#: 3**

Test Start: 2010.06.20 @ 14:15:00

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:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	1.00 inches				

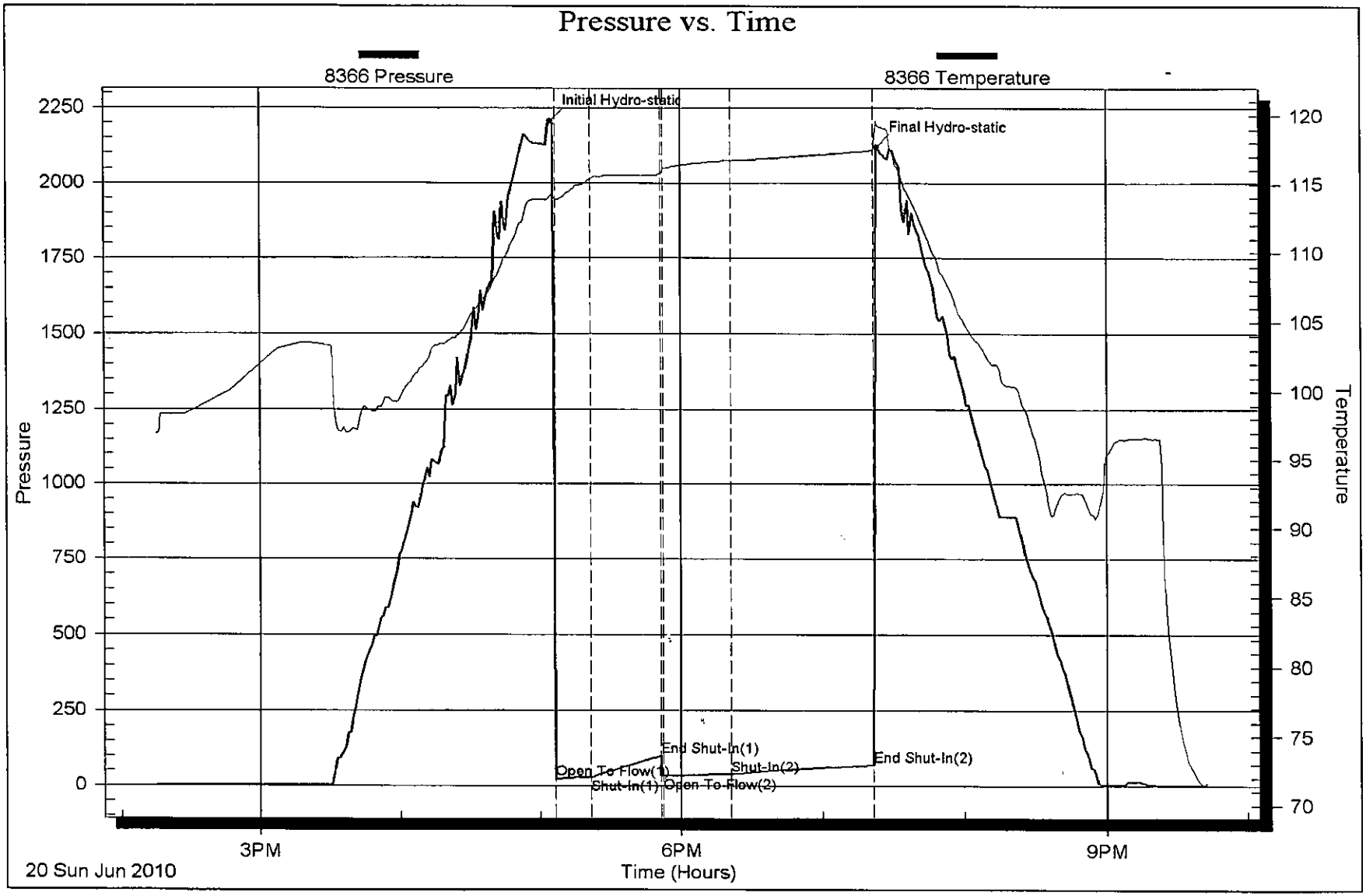
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOCM 78%m, 13%o, 9%g	0.148
0.00	GIP = 30'	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8366 Pressure
8366 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
120
115
110
105
100
95
90
85
80
75
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3PM
6PM
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20 Sun Jun 2010
Time (Hours)