



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
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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: _____



1045297

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Larson Engineering, Inc. dba Larson Operating Company
Well Name	Goodman Unit 1-26
Doc ID	1045297

Tops

Name	Top	Datum
Anhydrite	1690	+773
Base Anhydrite	1724	+739
Heebner Shale	3781	-1318
Lansing-KC	3825	-1362
Stark Shale	4097	-1634
Base KC	4210	-1747
Altamont	4248	-1785
Pawnee	4281	-1818
Fort Scott	4346	-1883
Cherokee Shale	4369	-1906
Cherokee Sand	4432	-1969
Mississippi Limestone	4440	-1977
Mississippi Spergen	4465	-2002

ALLIED CEMENTING CO., LLC. 041538

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>6-12-10</u>	SEC. <u>26</u>	TWP. <u>205</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:15 p</u>	JOB FINISH <u>3:45 p</u>
LEASE <u>Goodman Unit</u>	WELL# <u>1-26</u>	LOCATION <u>Becker 115 1 1/2 E</u>			COUNTY <u>Neosho</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		Sito					

CONTRACTOR HO Drilling Rig 3

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 260

CASING SIZE 5 1/2 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 15,326.1

OWNER _____

CEMENT AMOUNT ORDERED 175 @ 3.42

COMMON	<u>175</u>	@	<u>13.50</u>	<u>2362.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>2.25</u>	<u>393.75</u>
MILEAGE	<u>110/54 p.h.</u>			<u>350.00</u>
TOTAL				<u>3476.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane

417 HELPER Heath

BULK TRUCK

344 DRIVER Bobby

BULK TRUCK

_____ DRIVER _____

REMARKS:

Ran 6 hrs at Landing St.

Mixed 175 lbs

to Circulate Cement

SERVICE

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

CHARGE TO: Larson Engineering

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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 LEWIS TRESNER

SIGNATURE Lewis Tresner

SALES TAX (If Any) _____

TOTAL CHARGES 1131.00

DISCOUNT _____ IF PAID IN 30 DAYS

Thanks!

Robert C. Lewellyn

Consulting Petroleum Geologist

P. O. Box 375
Kechi, KS 67067-0609
Office 316-744-2567
Cell 316-518-0495
bobkewellyn@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
SPUDED: 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 oolitic 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 oolitic 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 intercrystalline 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.

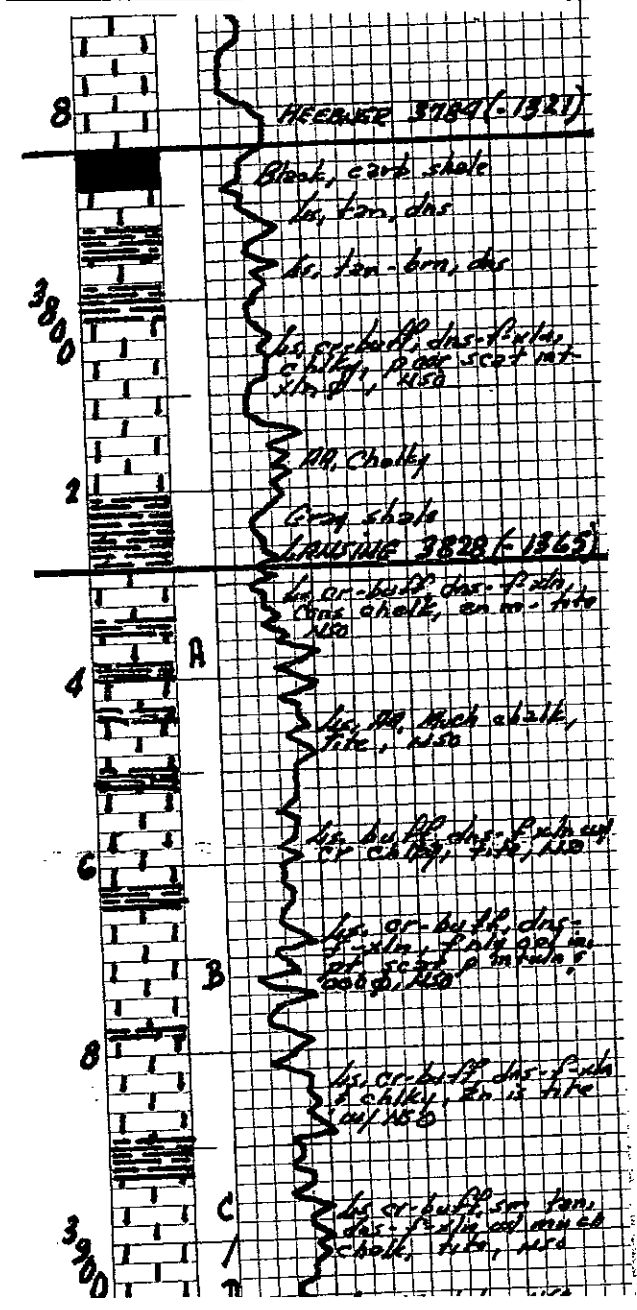
Respectfully submitted,

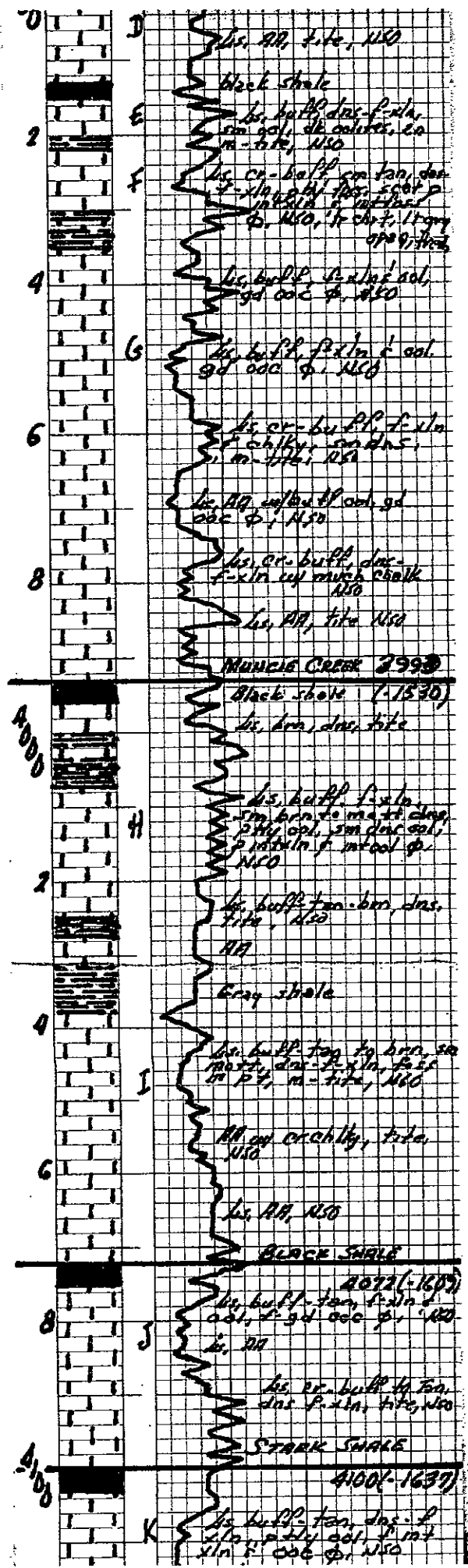
Robert C. Lewellyn
Petroleum Geologist

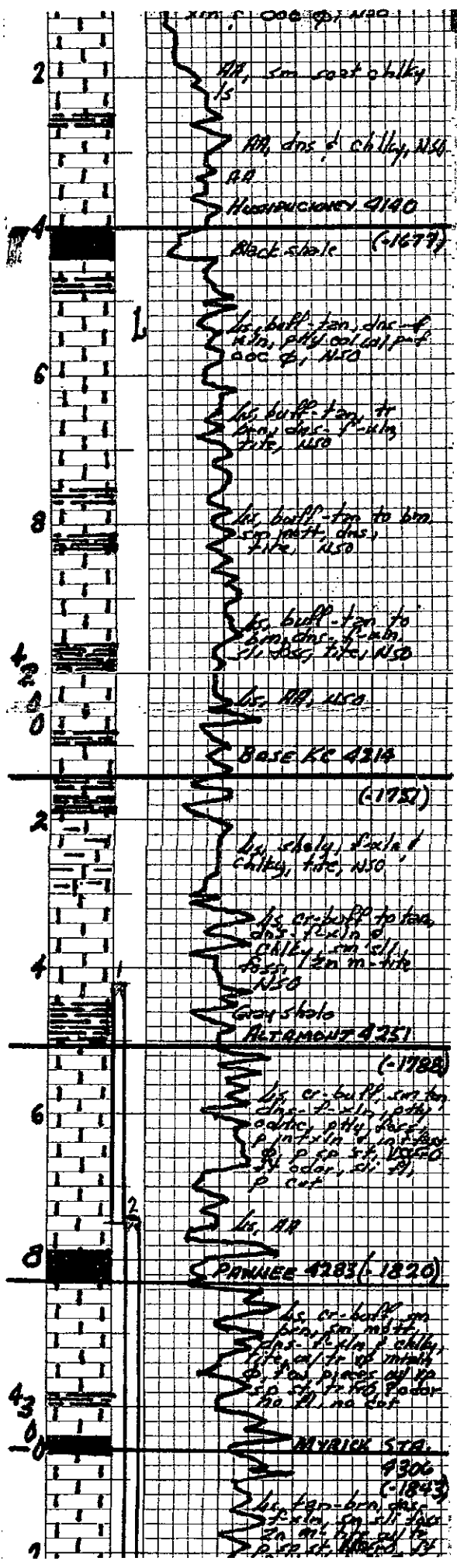
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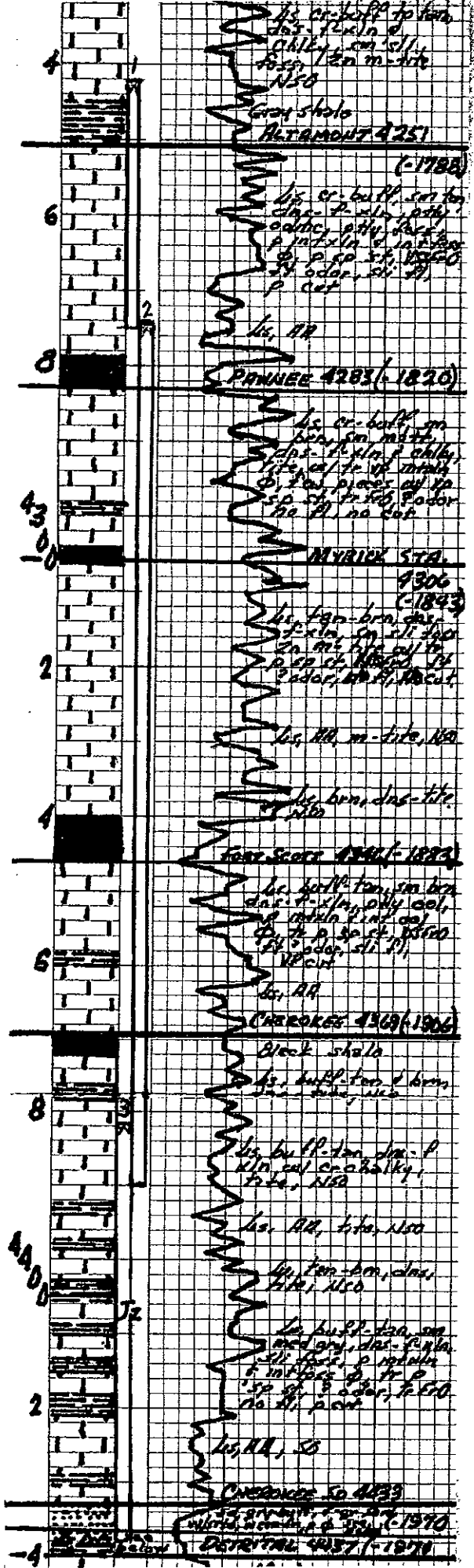
KANSAS COMPANY LARSON ENGINEERING, INC.
 COUNTY NESS FARM WELL NO.
 BLOCK NESS GOODMAN UNIT 1-26
 SURVEY 62' FNL & 2585 FNL
 SEC. 26
 T. 20S R. 26W TOTAL DEPTH 4550
 CONTRACTOR HD DRILLING, Rio 3
 COMMENCED 06-11-2010
 COMPLETED 06-22-2010
 REMARKS
 ALTITUDE 2463 KB Robert C. Lemellen-Geologist
 PRODUCTION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

CASING RECORD
 8 5/8" @ 253/KBM/175 SX
 SHOT QUARTS BETWEEN









ls. cr. buff. con. tan
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB

Gray shale
ALTRAMONT 4251
(-1788)

ls. cr. buff. con. tan
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB
p. cut

ls. RR
PRUNER 4203 (-1820)

ls. cr. buff. con.
ben. con. m-tite
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB
p. cut

MYRIEK STA.
4306
(-1843)

ls. tan-brn. dnc.
foss. / 20 m-tite
NSB
p. cut

ls. RR, m-tite, also
ls. brn. dnc-tite

CROOKET 4369 (-1866)

ls. buff. tan, con. brn
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB
p. cut

ls. RR
Black shale

ls. buff. tan & brn
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB

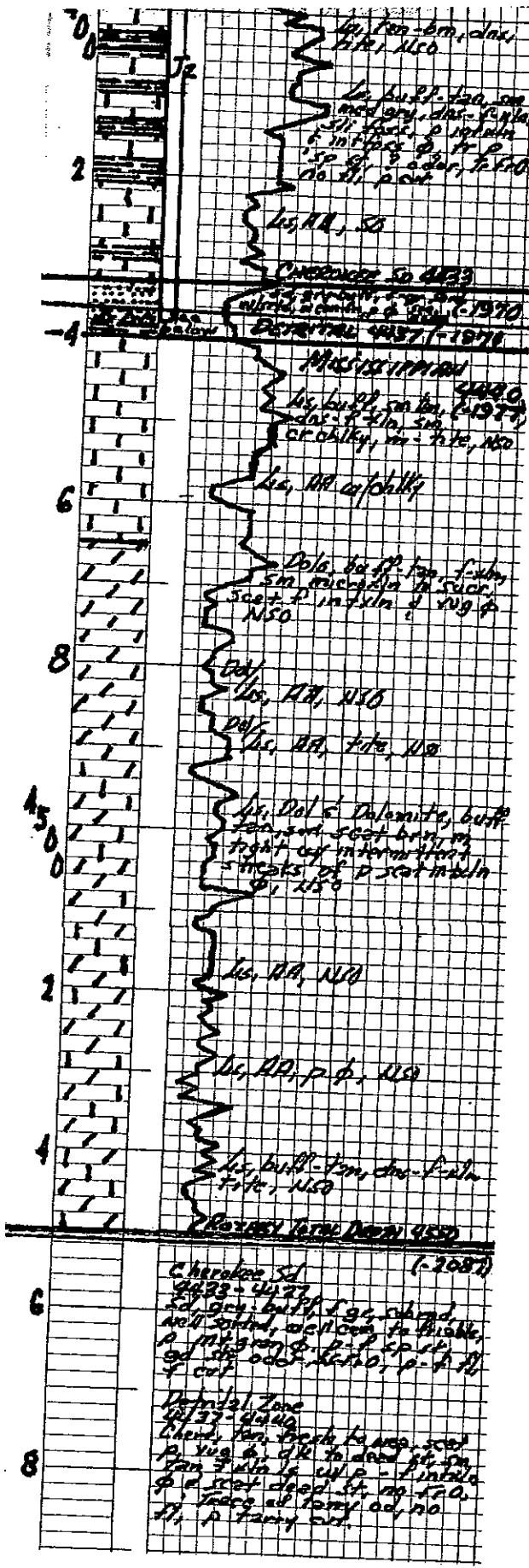
ls. buff. tan, sh. p
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB

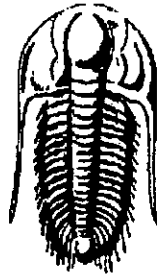
ls. RR, sli, also
ls. tan-brn, dnc.
foss. / 20 m-tite
NSB

ls. buff. tan, con
dnc. p. sli. shaly
chky. con. sli. sh.
foss. / 20 m-tite
NSB
p. cut

ls. RR, sli

CROOKET 4433
DETROIT 4457 (-1876)





**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

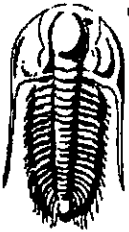
End Date: 2010.06.18 @ 20:24:00

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
Olmritz, 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 Wmder

Unit No: 46

Interval: **4242.00 ft (KB) To 4275.00 ft (KB) (TVD)**

Reference Elevations: 2463.00 ft (KB)

Total Depth: 4275.00 ft (KB) (TVD)

2456.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8366 Inside

Press@RunDepth: 17.30 psig @ 4243.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.06.18

End Date: 2010.06.18

Last Calib.: 2010.06.18

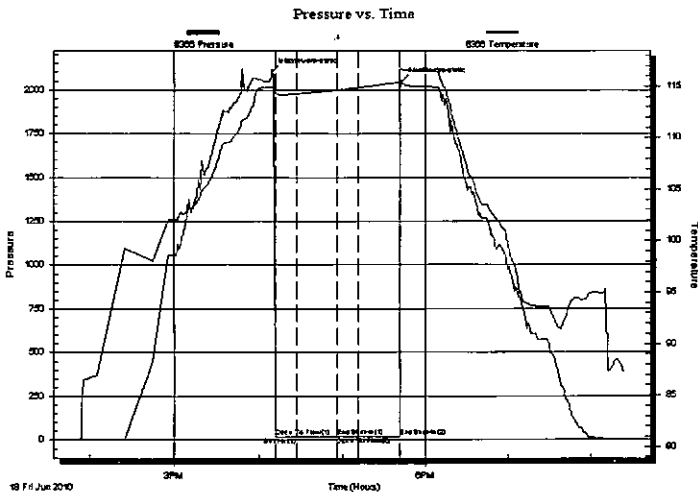
Start Time: 13:53:05

End Time: 20:23:59

Time On Btmr 2010.06.18 @ 16:09:00

Time Off Btmr 2010.06.18 @ 17:42:30

TEST COMMENT: IF: No blow
IS: No blow back
FF: No blow
FS: No blow back



PRESSURE SUMMARY

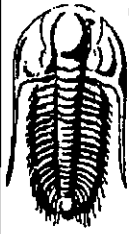
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.29	114.87	Initial Hydro-static
3	16.65	114.33	Open To Flow (1)
18	16.74	114.26	Shut-In(1)
47	21.39	114.63	End Shut-In(1)
47	16.62	114.64	Open To Flow (2)
62	17.30	114.88	Shut-In(2)
92	19.25	115.39	End Shut-In(2)
94	2048.21	116.69	Final Hydro-static

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.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 37349

DST#: 1

ATTN: Bob Lewellyn

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
			<u>Total Volume: 58.13 bbl</u>	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.

Goodman Unit #1-26

562 W State Rd 4
Olmritz, KS 67564

26 20s 26w Ness KS

Job Ticket: 37349

DST#: 1

ATTN: Bob Lewellyn

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 in ³	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
1.00	Mud 100%	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

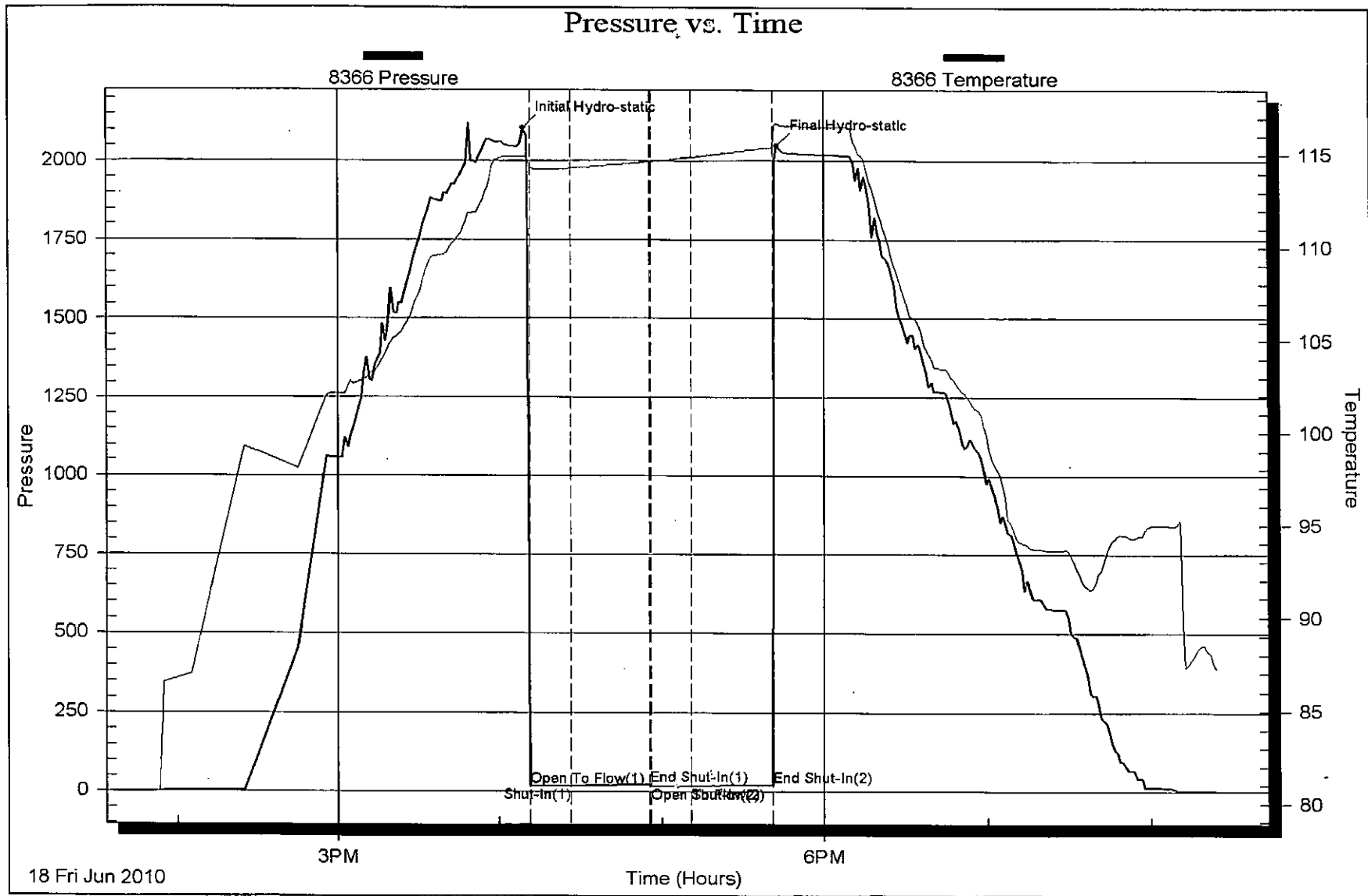
Num Gas Bombs: 0

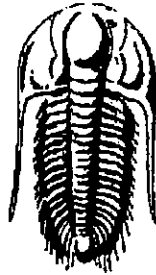
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**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

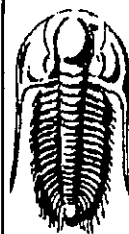
End Date: 2010.06.20 @ 02:01:00

Job Ticket #: 37350 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**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: 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)**

Reference Elevations: 2463.00 ft (KB)

Total Depth: 4390.00 ft (KB) (TVD)

2456.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8366

Inside

Press@RunDepth: 33.38 psig @ 4275.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.06.19

End Date:

2010.06.20

Last Calib.: 2010.06.20

Start Time: 18:04:05

End Time:

02:00:59

Time On Btm: 2010.06.19 @ 21:06:00

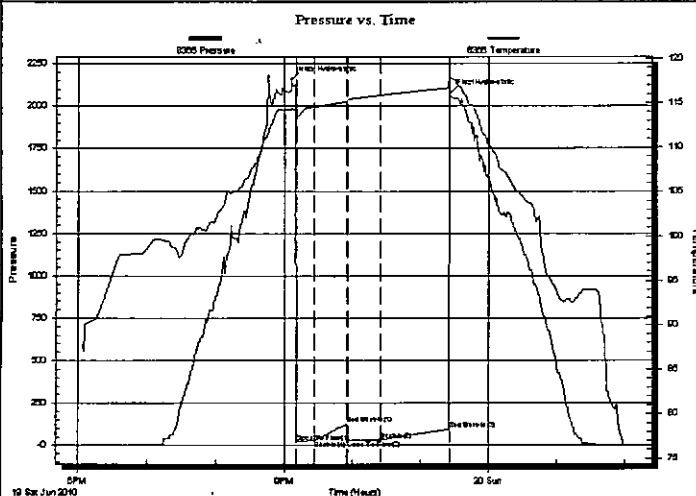
Time Off Btm: 2010.06.19 @ 23:26:00

TEST COMMENT: IF: Blow built to 1/4 in 4 min., Intermittent blow @ 1/4" through open

IS: 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.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 37350

DST#: 2

ATTN: Bob Lewellyn

Test Start: 2010.06.19 @ 18:04:00

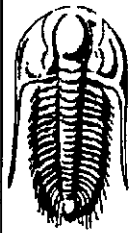
Tool Information

Drill Pipe:	Length: 4123.00 ft	Diameter: 3.80 inches	Volume: 57.83 bbl	Tool Weight: 3500.00 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: 65000.00 lb
			<u>Total Volume: 58.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4274.00 ft			Final 56000.00 lb
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 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.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 37350

DST#: 2

ATTN: Bob Lewellyn

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:

bbbl

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 bbbl
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

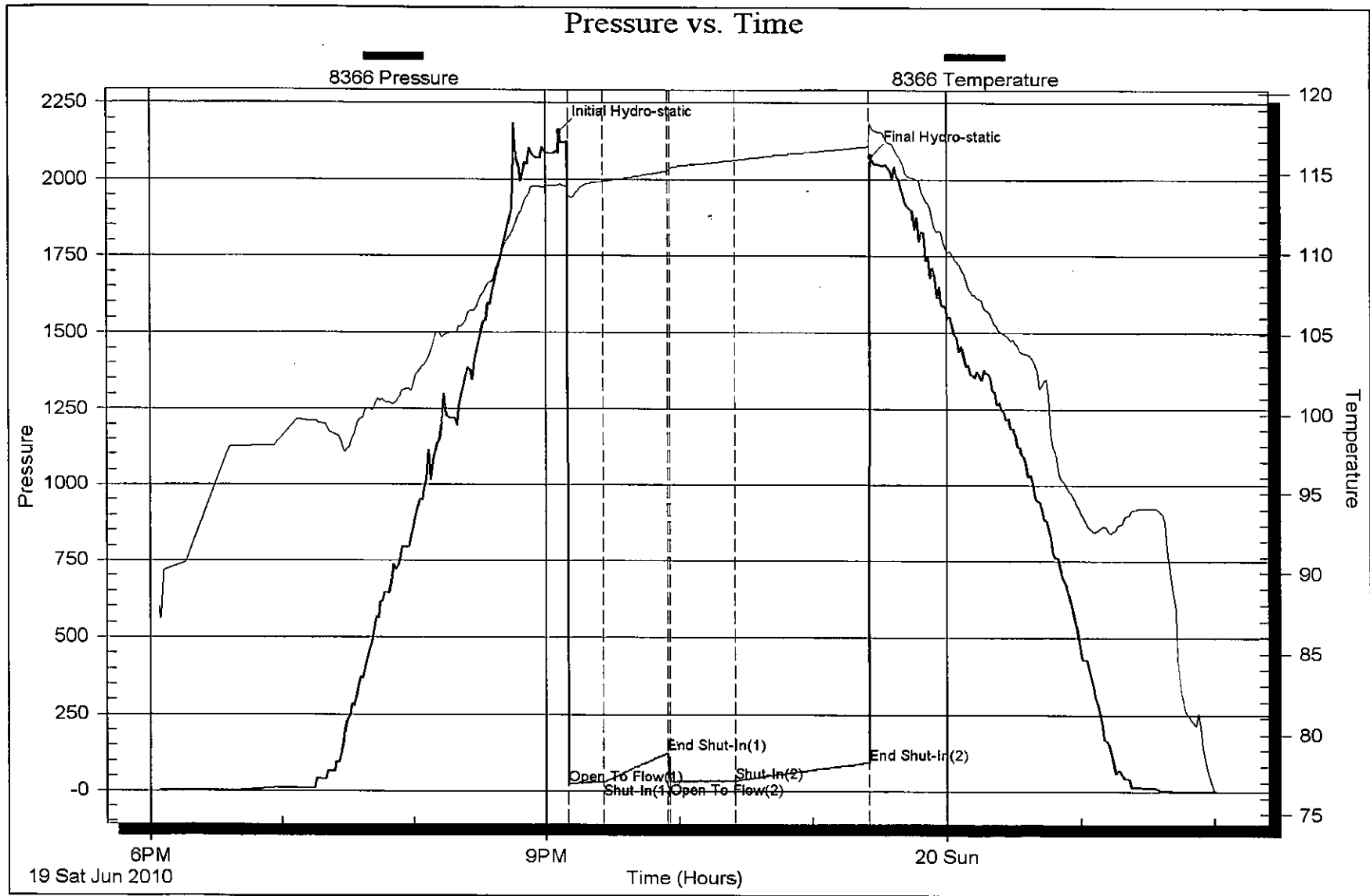
Num Gas Bombs: 0

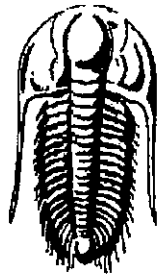
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**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

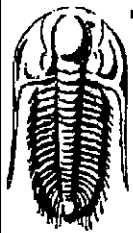
End Date: 2010.06.20 @ 21:42:30

Job Ticket #: 38326 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering, Inc.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 38326

DST#: 3

ATTN: Bob Lewellyn

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**

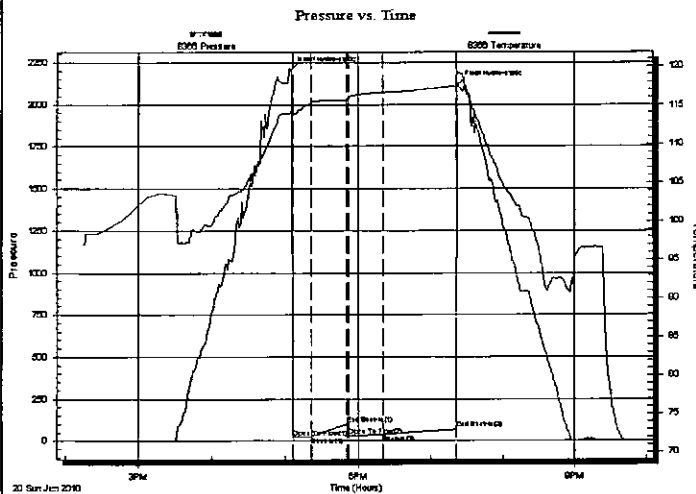
Serial #: 8366

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"
 IS: Bled off, No blow back
 FF: No blow
 FS: No blow back



PRESSURE SUMMARY

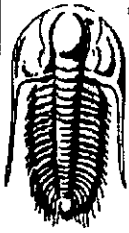
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.32	114.21	Initial Hydro-static
2	21.95	113.85	Open To Flow (1)
17	26.61	115.44	Shut-In(1)
47	99.45	115.74	End Shut-In(1)
48	31.45	116.14	Open To Flow (2)
77	36.58	116.73	Shut-In(2)
137	68.31	117.48	End Shut-In(2)
139	2118.36	119.33	Final Hydro-static

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.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 38326

DST#: 3

ATTN: Bob Lewellyn

Test Start: 2010.06.20 @ 14:15:00

Tool Information

Drill Pipe:	Length: 4218.00 ft	Diameter: 3.80 inches	Volume: 59.17 bbl	Tool Weight: 3000.00 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: 62000.00 lb
			<u>Total Volume: 59.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4382.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

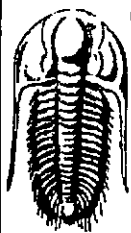
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

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.

Goodman Unit #1-26

562 W State Rd 4
Olmitz, KS 67564

26 20s 26w Ness KS

Job Ticket: 38326

DST#: 3

ATTN: Bob Lew ellyn

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:

bbf

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 bbf
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 bbf

Num Fluid Samples: 0

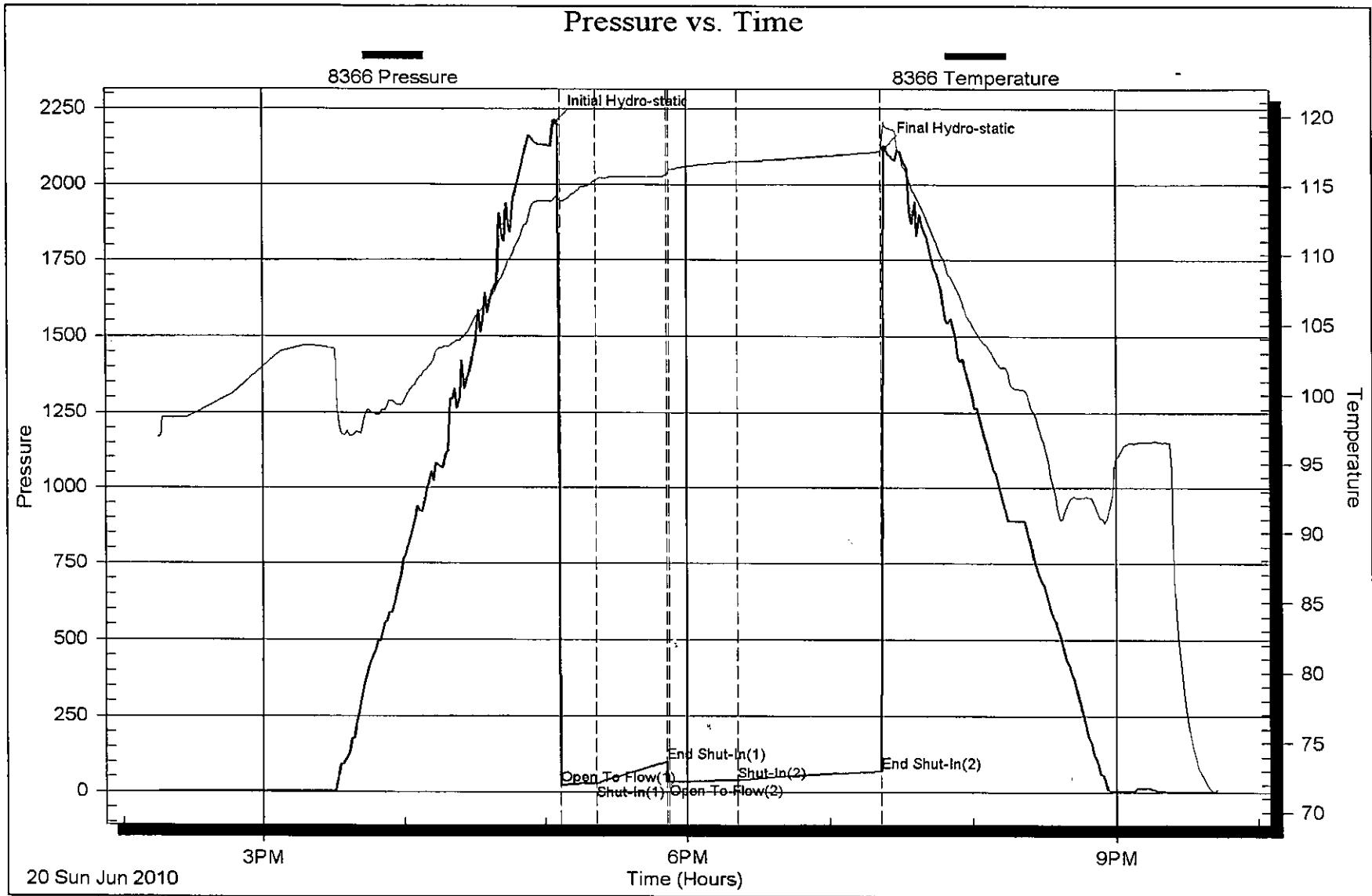
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

October 07, 2010

Thomas Larson
Larson Engineering, Inc. dba Larson Operating
Company
562 W STATE RD 4
OLMITZ, KS 67564-8561

Re: ACO1
API 15-135-25072-00-00
Goodman Unit 1-26
NW/4 Sec.26-20S-26W
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Thomas Larson