KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1048489

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3842
Name: Larson Engineering, Inc. dba Larson Operating Company
Address 1: 562 W STATE RD 4
Address 2:
City: OLMITZ State: KS Zip: 67564 + 8561
Contact Person: Thomas Larson
Phone: (620) 653-7368
CONTRACTOR: License # 33935
Name: H. D. Drilling, LLC
Wellsite Geologist: Robert Lewellyn
Purchaser: NCRA

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

8/26/2010	9/7/2010	10/5/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-101-22252-00-00
Spot Description:
N2 - SW - NW - NW Sec. 24 Twp. 18 S. R. 30 [ ] East [x] West
887 Feet from [x] North / [ ] South Line of Section
330 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Lane
Lease Name: Marit Well #: 1-24
Field Name: Wildcat
Producing Formation: Marmaton, L-KC
Elevation: Ground: 2847 Kelly Bushing: 2854
Total Depth: 4622 Plug Back Total Depth: 4572
Amount of Surface Pipe Set and Cemented at: 256 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 2111 Feet
If Alternate II completion, cement circulated from: 2111
feet depth to: 0 w/ 180 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 2500 ppm Fluid volume: 800 bbls
Dewatering method used: Evaporated

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

- [x] Letter of Confidentiality Received
  Date: 12/21/2010
- [x] Confidential Release Date: 12/20/2012
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: NAOMI JAMES Date: 12/22/2010

Side Two

1048489

Operator Name: Larson Engineering, Inc. dba Larson Operating Company Lease Name: Marit Well #: 1-24

Sec. 24 Twp. 18 S. R. 30 ☐ East ☑ West County: Lane

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction
Dual Comp Porosity
Microresistivity

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	20	256	Class A	175	2% gel, 3% CC
Production	7.875	5.5	15.5	4619	SMD	100	1/4#/sk flocele
Production	7.875	5.5	15.5	4619	EA-2	100	7#/sk gilsonite, 3/4% CFR

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	0-2111	SMD	180	1/4#/sk flocele
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2.375 Set At: 4303 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 10/5/2010

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	123		33		35

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4532-4250

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Larson Engineering, Inc. dba Larson Operating Company
Well Name	Marit 1-24
Doc ID	1048489

Tops

Anhydrite	2152	+702
Base Anhydrite	2209	+645
Heebner Sh	3898	-1044
Lansing-KC	3939	-1085
Stark Sh	4210	-1356
Base KC	4298	-1444
Altamont	4352	-1498
Pawnee	4407	-1553
Fort Scott	4460	-1606
Cherokee	4485	-1631
Mississippian	4548	-1694

Form	ACO1 - Well Completion
Operator	Larson Engineering, Inc. dba Larson Operating Company
Well Name	Marit 1-24
Doc ID	1048489

Perforations

4	4530-32, 4496-4502, 4443-46, 4413-16	250 gal 15% NEFe	4530-32
		250 gal 15% NEFe	4496-4502
4	4368-71	250 gal 15% MCA	4368-71
4	4307-11	250 gal 15% MCA	4307-11
4	4277-80	250 gal 15% MCA	4277-80
		200 gal 15% NE	4277-80
		SQZ: 50 sx Class A	4277-80
4	4250-61	250 gal 15% MCA	4250-61

ALLIED CEMENTING CO., LLC. 038987

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

SERVICE POINT:
Oakley, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-26-10	24	18s	30w		6:30pm	8:30pm	9:00pm

LEASE	WELL #	LOCATION	COUNTY	STATE
Martin	1-24	Dresden 7w-5n	Lane	KS

OLD OR (NEW) (Circle one)

CONTRACTOR H-D #3
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 260'
CASING SIZE used 8⅝ DEPTH 259'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.9

OWNER

CEMENT
AMOUNT ORDERED 175 sks Com 3%cc 2% gel

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy
431 HELPER Kelly
BULK TRUCK
373 DRIVER Jerry
BULK TRUCK
DRIVER

COMMON	175	@ 13.65	2388.75
POZMIX		@	
GEL	3	@ 20.80	61.20
CHLORIDE	6	@ 57.15	342.90
ASC		@	
HANDLING	184	@ 2.10	386.40
MILEAGE	.10 x 9# x mile		717.60
		TOTAL	3896.85

REMARKS:
cement did circulate
Bbled 5 BBLS

Job complete @ 9:00pm

Thanks Fuzzy crew

SERVICE

DEPTH OF JOB	259'		
PUMP TRUCK CHARGE			999.00
EXTRA FOOTAGE		@	
MILEAGE	39	@ 7.00	273.00
MANIFOLD		@	
		@	
		@	
		TOTAL	1272.00

CHARGE TO: Larson Engineering
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.

SWIFT Services, Inc.

CHARGE TO: LARSON ENGINEERING
ADDRESS
CITY, STATE, ZIP CODE

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY
1. HAYS	1-24	MARIT	LANE	KS	
2. NESS	TICKET TYPE ☒ SERVICE ☐ SALES / CONTRACTOR		RIG NAME/NO. WILL WESTERN	SHIPPED VIA CT	DELIVERED TO E. 1/2S ANY
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.
4.	OIL	DEVELOP	CMT: PROD CSG		
REFERRAL LOCATION	INVOICE INSTRUCTIONS				

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.
575		1			MILEAGE #112	40	MI	
576-D		1			PUMP SERVICE	1	EA	
290		1			DYE	2	GAL	
330		2			SMD CMT	180	SK	
276		2			FLOCELE	50	LB	
581		2			SERVICE CHG CMT	225	SK	
583		2			DRAYAGE	449.2	TM	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED 07-14-10 | TIME SIGNED 1400 ☐ A.M. ☒ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	DEC
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
WE UNDERSTOOD AND MET YOUR NEEDS?		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPO

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed

SWIFT OPERATOR DAVE

APPROVAL

JOB LOG — **SWIFT Services, Inc.** — DATE 09-14-10 — PAGE NO 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
LARSON ENGINEERING	1-24	MARIT	CMT: PRT COLLAR	18080

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1400							ON LOCATION
								CMT: 225 SKS 14# FLO
								2 3/8 x 5 1/2 15.5#
								P.C. @ 2111
	1435		1.0	✓	✓	1000	1000	PSI TEST
								OPEN P.C.
	1440	3.5	5.0	✓		150		INJ RATE GOOD RETURNS
	1442	3.5	0	✓		150		START CMT @ 11.2#
		4.5	21.0	✓		475		" TO CIRC MUD
		4.5	50.0	✓		550		
		4.5	88.0	✓		550		CIRC CMT TO PIT! MIX 205 SKS @ 14
		4.5	93.0	✓		550		END CMT
	1500	4.0	0	✓		500		START DISP
	1502	4.0	7.0	✓		500		END
								CLOSE P.C.
	1508			✓	✓	1100	1100	PSI TEST HELD
								RUN IN 4 JTS
	1515	3.5	0		✓		300	REL OUT
			7.5		✓			1ST FLAG
			10.5		✓			2ND FLAG
	1521		20.0		✓		200	ALL CLEAN
								TOTAL CMT 180 SKS
								20 SKS TO PIT!
	1600							JOB COMPLETE
								THANK YOU.
								DAVE, JOSIAH & SHANE

SWIFT Services, Inc.

CHARGE TO: LARSON ENGINEERING
ADDRESS
CITY, STATE, ZIP CODE

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY
1. HAYS	1-24	MARIT	LANE	KS	
2. NESS	TICKET TYPE ☑ SERVICE ☐ SALES / CONTRACTOR		RIG NAME/NO. HUDBLG #3	SHIPPED VIA CT	DELIVERED TO LE, KS, Army
3.	WELL TYPE OIL	WELL CATEGORY Develop	JOB PURPOSE LONGSTRING		WELL PERMIT NO. 15-101-22252
4.					
REFERRAL LOCATION	INVOICE INSTRUCTIONS				

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.
525		1			MILEAGE #112	40	mi	
578		1			Pump Service	1	EA	
221		1			Liquid KCL	2	GAL	
281		1			Mud Flush	500	GAL	
290		1			D-Air	2	GAL	
419		1			Rotating Head Rental	1	EA	5

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED 09-07-10 | TIME SIGNED 1930 ☐ A.M. ☑ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	DEC
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
WE UNDERSTOOD AND MET YOUR NEEDS?		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESP

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed

SWIFT OPERATOR [signature] | APPROVAL [signature]

SWIFT
Services, Inc.

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

CUSTOMER LASONE ENGINEERING | WELL 1-24 MARIT

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT ID	DF	TIME	DESCRIPTION	QTY.	U/M	QTY.
325		2				STD EA-2	100	SK	
330		2				SMD	125	SK	
276		2				FLOCELE	56	LB	
277		2				GELSONITE	700	LB	
283		2				SALT	500	LB	
284		2				CALSEAL	5	SK	
285		2				CFL	50	LB	
581		2				SERVICE CHG CMT	225	SK	
583		2				DRAYAGE	473.12	TM	

SERVICE CHARGE | CUBIC FEET

MILEAGE CHARGE | TOTAL WEIGHT | LOADED MILES | TON MILES

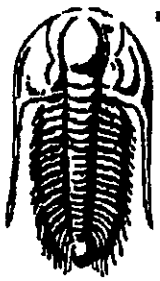
JOB LOG

SWIFT Services, Inc.

DATE 09-07-10 | PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
LARSON ENGINEERING	1-24	MARIT	CONDSTRING	18077

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1930							ON LOCATION
								CMT: LEAD: 125 SKS A
								TAIL: 100 EA-2
								RTD 4620 SET PIPE 4619 SJ 42.60 INSERT 4576
								5½ 15.5# P.C ON TOP #1 NA, 2114 FT
								CENT N-A BASKET N-A
	2010							TAG BOTTOM - DROP BALL
	2015							BREAK CIRC, ROTATE PIPE
	2120		70					PUMP 10 BBL SPACER
	2125	5.5	12		/		250	START MUD FLUSH 500 GAL
			20		/			H2O FLUSH
			37		-			LEAD CMT 95 SKS SMD @ 12.5#
			24.5		-			TAIL CMT 100 SKS EA-2 @ 15.4#
								DROP WIPER, WASH UP
	2245	7.5	0		-		300	START DISP
			48.5		-		400	CMT ON BOTTOM
			95.0		-		500	
			100.0		-		650	
			105.0		-		750	STOP ROTATING PIPE
	2300	4.5	108.9		-		1500	LAND PLUG
	2305							RELEASE - DRY
								JOB COMPLETE
								THANK YOU
								DAVE, TOSH, JOE



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering**

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

S24-18-30 Lane,KS

Marit #1-24

Start Date: 2010.09.01 @ 22:28:00

End Date: 2010.09.02 @ 04:19:24

Job Ticket #: 40207 DST #: 1

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

DRILL STEM TEST REPORT

Larson Engineering

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40207 **DST#: 1**

Test Start: 2010.09.01 @ 22:28:00

GENERAL INFORMATION:

Formation: **Lansing 'H'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:57:42
Time Test Ended: 04:19:24

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

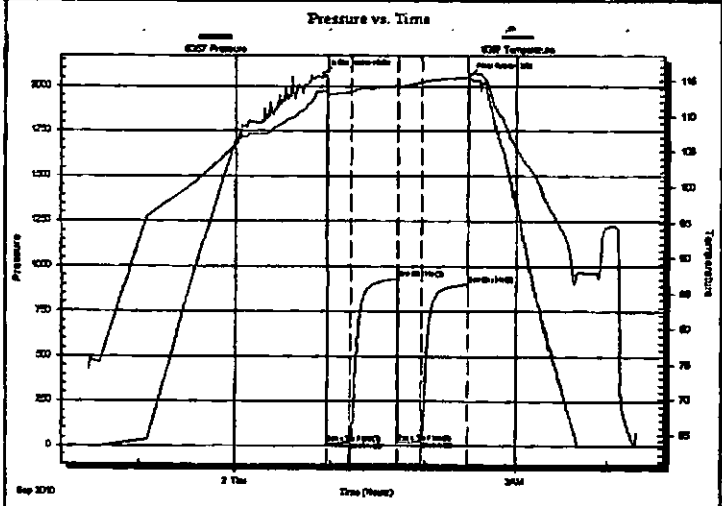
Interval: 4110.00 ft (KB) To 4145.00 ft (KB) (TVD)
Total Depth: 4145.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8357 Inside
Press@RunDepth: 24.50 psig @ 4114.00 ft (KB)
Start Date: 2010.09.01 End Date: 2010.09.02
Start Time: 22:28:05 End Time: 04:19:24

Capacity: 8000.00 psig
Last Calib.: 2010.09.02
Time On Btm: 2010.09.02 @ 00:55:00
Time Off Btm: 2010.09.02 @ 02:28:42

TEST COMMENT: IF: Surface blow receded.
IS: No return.
FF: No blow.
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.36	113.52	Initial Hydro-static
3	16.38	112.75	Open To Flow (1)
18	19.13	113.47	Shut-In(1)
48	932.95	114.35	End Shut-In(1)
48	21.03	114.04	Open To Flow (2)
63	24.50	114.87	Shut-In(2)
94	904.84	115.55	End Shut-In(2)
94	2052.42	115.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM 100%M	0.10

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40207 DST#: 1

Test Start: 2010.09.01 @ 22:28:00

Tool Information

Drill Pipe:	Length:	4028.00 ft	Diameter:	3.80 inches	Volume:	56.50 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	86.00 ft	Diameter:	2.25 inches	Volume:	0.42 bbl	
					Total Volume:	56.92 bbl	

Drill Pipe Above KB:	31.50 ft
Depth to Top Packer:	4110.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	35.00 ft
Tool Length:	62.50 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	70000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	50000.00 lb
Final	50000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4083.50		
Shut In Tool	5.00			4088.50		
Hydraulic tool	5.00			4093.50		
Jars	5.00			4098.50		
Safety Joint	2.50			4101.00		
Packer	5.00			4106.00	27.50	Bottom Of Top Packer
Packer	4.00			4110.00		
Stubb	1.00			4111.00		
Perforations	3.00			4114.00		
Recorder	0.00	8357	Inside	4114.00		
Recorder	0.00	6751	Outside	4114.00		
Perforations	28.00			4142.00		
Bullnose	3.00			4145.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**62.50**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40207 **DST#: 1**

Test Start: 2010.09.01 @ 22:28:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.18 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

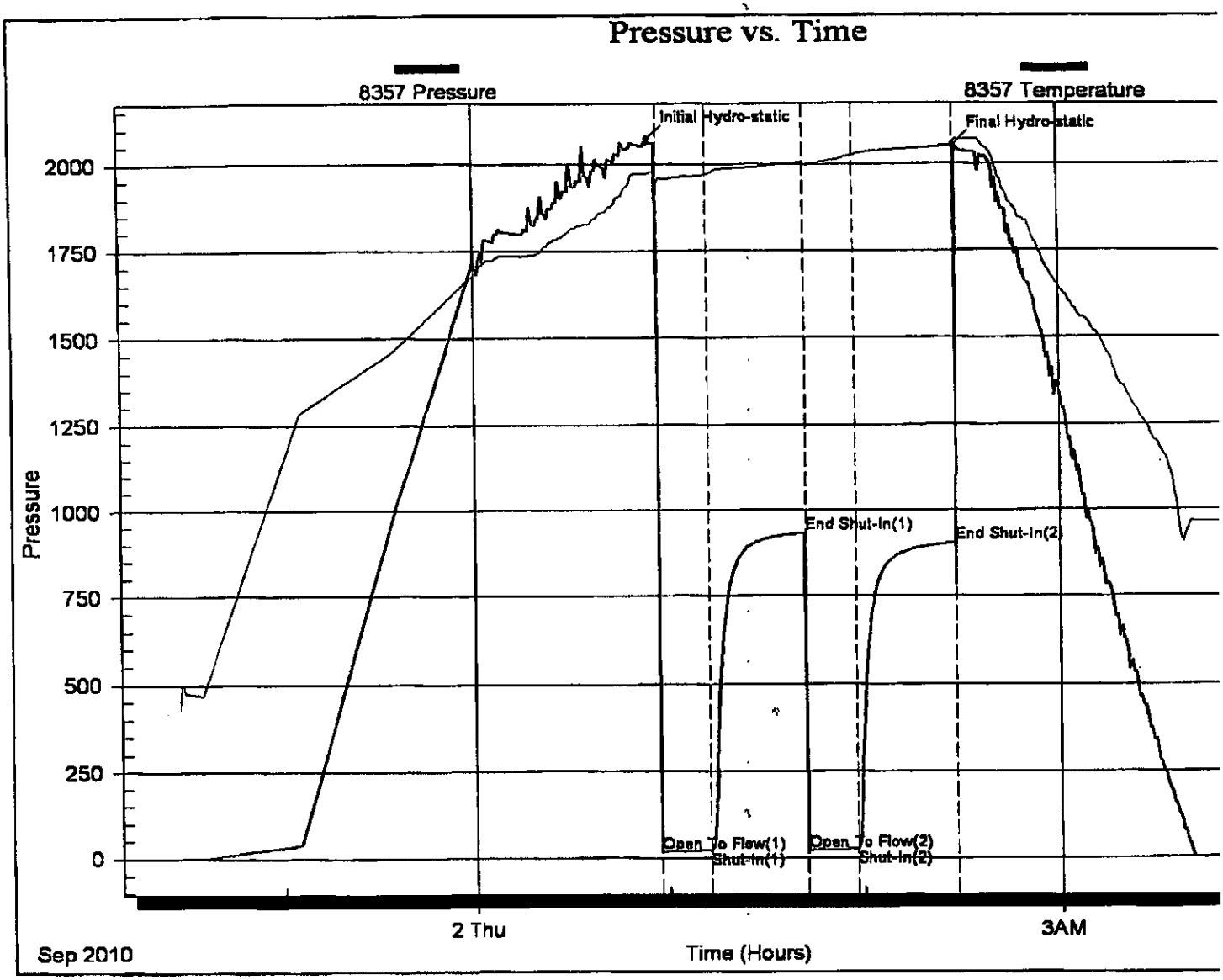
Length ft	Description	Volume bbl
20.00	OSM 100%M	0.098

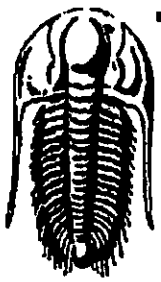
Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8357 Pressure
8357 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
2000
1750
1500
1250
1000
750
500
250
0
2 Thu
3AM
Sep 2010
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering**

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

S24-18-30 Lane,KS

Marit #1-24

Start Date: 2010.09.02 @ 15:47:00
End Date: 2010.09.02 @ 22:25:36
Job Ticket #: 40208 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

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40208 **DST#: 2**

Test Start: 2010.09.02 @ 15:47:00

GENERAL INFORMATION:

Formation: **Lansing 'J'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:37:06
Time Test Ended: 22:25:36

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

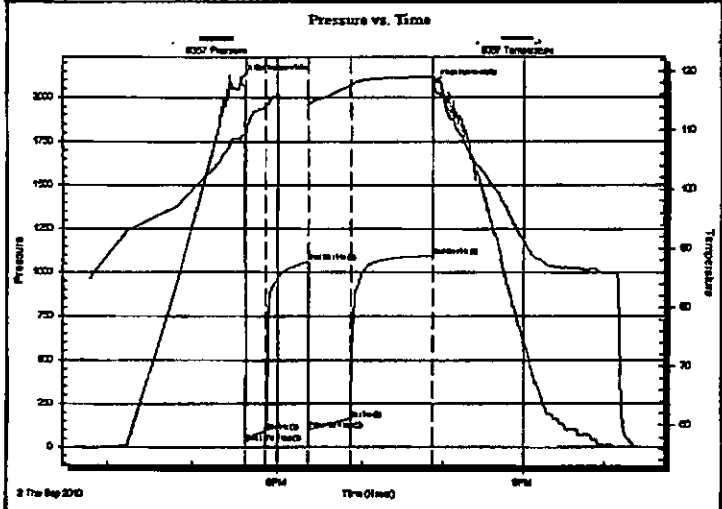
Interval: 4154.00 ft (KB) To 4187.00 ft (KB) (TVD)
Total Depth: 4187.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8357 Inside
Press@RunDepth: 161.66 psig @ 4156.00 ft (KB)
Start Date: 2010.09.02 End Date: 2010.09.02
Start Time: 15:47:05 End Time: 22:25:36

Capacity: 8000.00 psig
Last Calib.: 2010.09.02
Time On Btm: 2010.09.02 @ 17:33:48
Time Off Btm: 2010.09.02 @ 19:53:06

TEST COMMENT: IF: B.O.B. @ 12 min.
ISI: 2" Return receded to 1/2".
FF: B.O.B. @ 10 min.
FSI: 2 1/2" Return receded to 1/2".



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.92	108.65	Initial Hydro-static
4	24.56	108.40	Open To Flow (1)
18	89.74	114.11	Shut-In(1)
48	1060.81	115.57	End Shut-In(1)
49	97.95	115.00	Open To Flow (2)
79	161.66	117.58	Shut-In(2)
139	1094.75	118.99	End Shut-In(2)
140	2079.58	118.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
173.00	GMCO 15%G 20%M65%O	1.13
196.00	GO 20%G 80%O	2.75
0.00	425 Feet GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40208 **DST#: 2**

Test Start: 2010.09.02 @ 15:47:00

Tool Information

Drill Pipe:	Length:	3996.00 ft	Diameter:	3.80 inches	Volume:	56.05 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	142.00 ft	Diameter:	2.25 inches	Volume:	0.70 bbl	
					Total Volume:	56.75 bbl	

Drill Pipe Above KB:	11.50 ft
Depth to Top Packer:	4154.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	33.00 ft
Tool Length:	60.50 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	22000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	50000.00 lb
Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4127.50		
Shut In Tool	5.00			4132.50		
Hydraulic tool	5.00			4137.50		
Jars	5.00			4142.50		
Safety Joint	2.50			4145.00		
Packer	5.00			4150.00	27.50	Bottom Of Top Packer
Packer	4.00			4154.00		
Stubb	1.00			4155.00		
Perforations	1.00			4156.00		
Recorder	0.00	8357	Inside	4156.00		
Recorder	0.00	6751	Outside	4156.00		
Perforations	28.00			4184.00		
Bullnose	3.00			4187.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**60.50**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering

562 W. St. Rd 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Marit #1-24

S24-18-30 Lane,KS

Job Ticket: 40208 DST#: 2

Test Start: 2010.09.02 @ 15:47:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	36 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1900.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

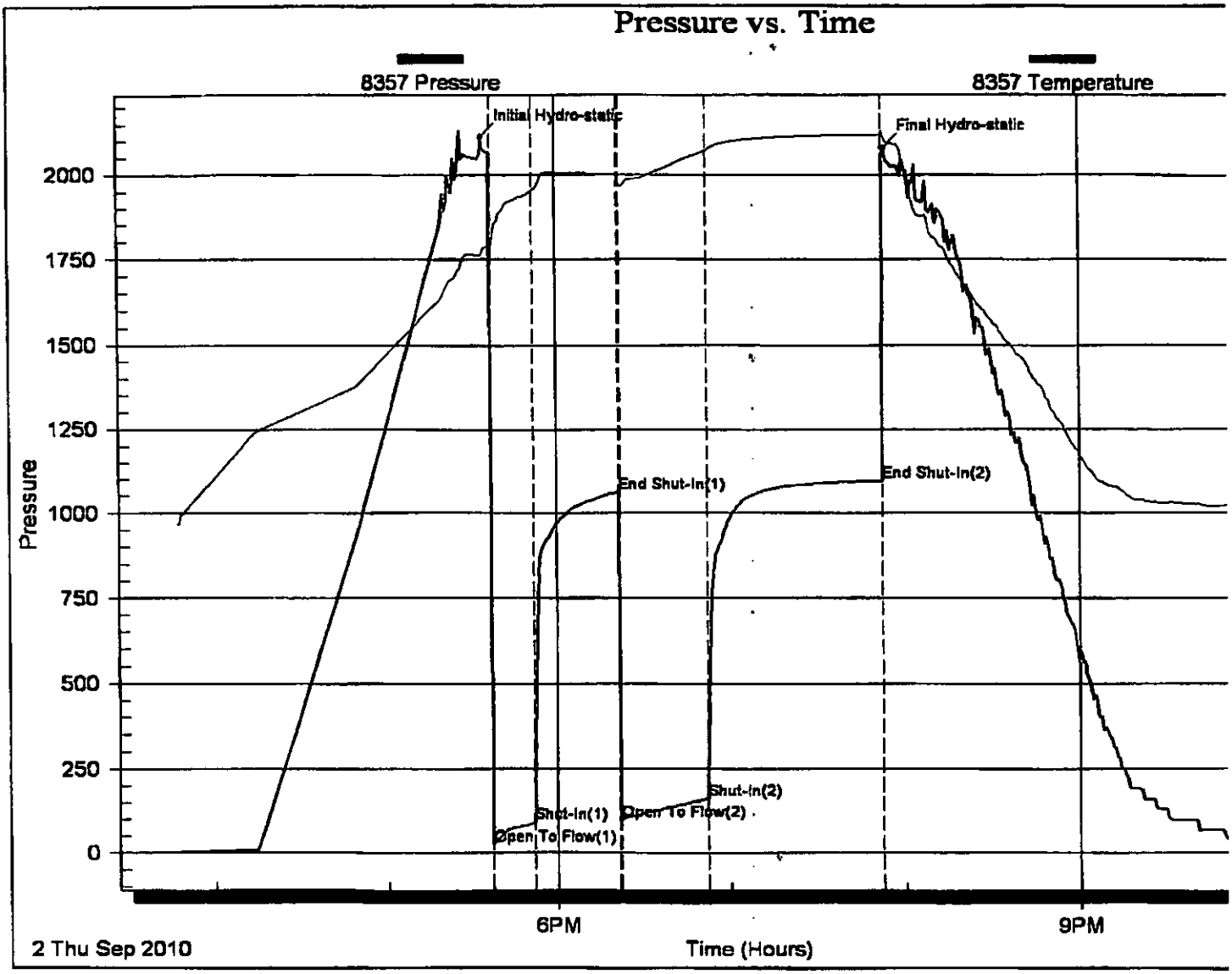
Length ft	Description	Volume bbl
173.00	GMCO 15%G 20%M 65%O	1.133
196.00	GO 20%G 80%O	2.749
0.00	425 Feet GIP	0.000

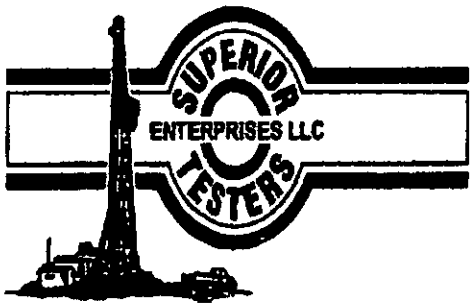
Total Length: 369.00 ft Total Volume: 3.882 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 36 @ 60 Degrees F = 36 .


Pressure vs. Time
8357 Pressure
8357 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Shut-In(2)
Open To Flow(2)
2000
1750
1500
1250
1000
750
500
250
0
Pressure
6PM
9PM
2 Thu Sep 2010
Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Larson Engineering Inc.**

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

24/18S/30W Lane

Marit #1-24

Start Date: 2010.09.03 @ 09:46:00

End Date: 2010.09.03 @ 16:13:30

Job Ticket #: 16113 DST #: 3

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2010.09.03 @ 17:02:24

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16113 **DST#: 3**

Test Start: 2010.09.03 @ 09:46:00

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:30
Time Test Ended: 16:13:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-GB-206

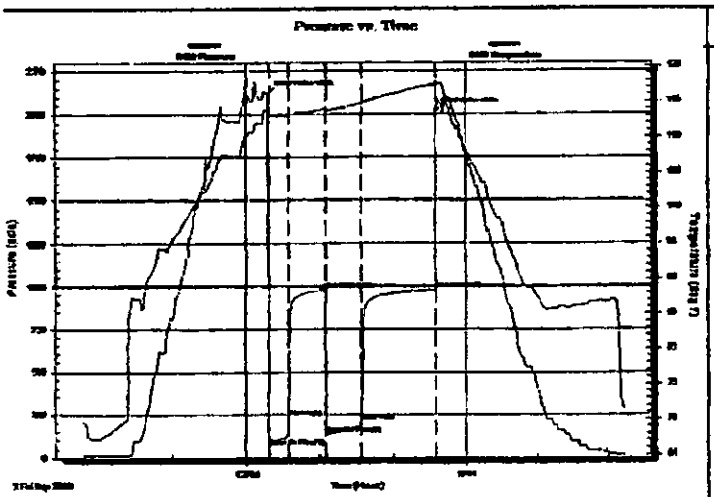
Interval: 4184.00 ft (KB) To 4215.00 ft (KB) (TVD)
Total Depth: 4215.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**
Press@RunDepth: 212.60 psia @ 4212.00 ft (KB)
Start Date: 2010.09.03 End Date: 2010.09.03
Start Time: 09:46:00 End Time: 16:13:30

Capacity: 5000.00 psia
Last Calib.: 2010.09.03
Time On Btm: 2010.09.03 @ 12:18:00
Time Off Btm: 2010.09.03 @ 14:35:00

TEST COMMENT: 1ST Opening 15 Minutes fair steady blow / bottom of a 5 gallon bucket of water in 13 minutes.
1ST Shut-In 30 Minutes yes steady through out 1 inch into 5 gallon bucket of water
2ND Opening 30 Minutes fair steady blow / bottom of a 5 gallon bucket of water in 13 minutes.
2ND Shut-In 60 Minutes yes but it died out half way through shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2120.15	113.70	Initial Hydro-static
2	66.66	113.08	Open To Flow (1)
17	231.60	113.01	Shut-In(1)
47	982.11	113.97	End Shut-In(1)
48	132.43	113.76	Open To Flow (2)
76	212.60	114.72	Shut-In(2)
137	980.30	117.48	End Shut-In(2)
137	2015.48	118.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightly Gassy Oil cut Muddy Water	0.30
0.00	Gas 5% Oil 5% Mud 15% Water 75%	0.00
60.00	Gassy Mud cut Oil	0.30
0.00	Gas 10% Oil 46% Mud 44%	0.00
60.00	Slightly Watery Gassy Mud cut Oil	0.30
0.00	Gas 15% Oil 55% Mud 26% Water 4%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16113 **DST#: 3**

Test Start: 2010.09.03 @ 09:46:00

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:30
Time Test Ended: 16:13:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-GB-206

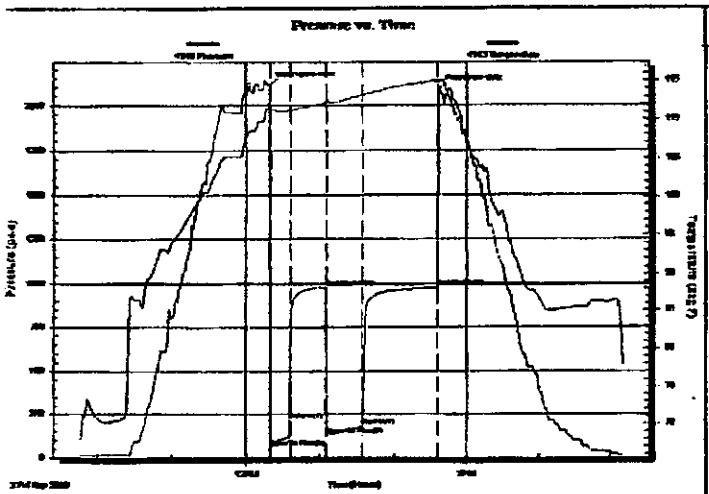
Interval: 4184.00 ft (KB) To 4215.00 ft (KB) (TVD)
Total Depth: 4215.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 4143 **Inside**
Press@RunDepth: 978.78 psia @ 4211.00 ft (KB)
Start Date: 2010.09.03 End Date: 2010.09.03
Start Time: 09:46:00 End Time: 16:13:30

Capacity: 5000.00 psia
Last Calib.: 2010.09.03
Time On Btm: 2010.09.03 @ 12:19:16
Time Off Btm: 2010.09.03 @ 14:36:46

TEST COMMENT:
1ST Opening 15 Minutes fair steady blow / bottom of a 5 gallon bucket of water in 13 minutes.
1ST Shut-In 30 Minutes yes steady through out 1 inch into 5 gallon bucket of water
2ND Opening 30 Minutes fair steady blow / bottom of a 5 gallon bucket of water in 13 minutes.
2ND Shut-In 60 Minutes yes but it died out half way through shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2110.68	111.41	Initial Hydro-static
1	56.95	111.36	Open To Flow (1)
17	213.62	111.19	Shut-In(1)
46	979.04	112.14	End Shut-In(1)
47	132.02	112.16	Open To Flow (2)
75	182.36	113.12	Shut-In(2)
136	978.78	115.08	End Shut-In(2)
138	2088.61	114.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightly Gassy Oil cut Muddy Water	0.30
0.00	Gas 5% Oil 5% Mud 15% Water 75%	0.00
60.00	Gassy Mud cut Oil	0.30
0.00	Gas 10% Oil 46% Mud 44%	0.00
60.00	Slightly Watery Gassy Mud cut Oil	0.30
0.00	Gas 15% Oil 55% Mud 26% Water 4%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16113 DST#: 3

Test Start: 2010.09.03 @ 09:46:00

Tool Information

Drill Pipe:	Length:	4002.00 ft	Diameter:	3.80 inches	Volume:	56.14 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	182.83 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	
					Total Volume:	57.04 bbl	

Drill Pipe Above KB:	29.83 ft
Depth to Top Packer:	4184.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	31.00 ft
Tool Length:	60.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	54000.00 lb
Final	55000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4156.00		
Shut-In Tool	5.00			4161.00		
Hydroic Tool	5.00			4166.00		
Jars	6.00			4172.00		
Safety Joint	2.00			4174.00		
Packer	5.00			4179.00	29.00	Bottom Of Top Packer
Packer	5.00			4184.00		
Perforations	26.00			4210.00		
Recorder	1.00	4143	Inside	4211.00		
Recorder	1.00	8400	Outside	4212.00		
Bullnose	3.00			4215.00	31.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16113 **DST#: 3**

Test Start: 2010.09.03 @ 09:46:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	55000 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	1900.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Slightly Gassy Oil cut Muddy Water	0.295
0.00	Gas 5% Oil 5% Mud 15% Water 75%	0.000
60.00	Gassy Mud cut Oil	0.295
0.00	Gas 10% Oil 46% Mud 44%	0.000
60.00	Slightly Watery Gassy Mud cut Oil	0.295
0.00	Gas 15% Oil 55% Mud 26% Water 4%	0.000
50.00	Slightly Gassy Oil cut Mud	0.676
0.00	Gas 10% Oil 80% Mud 10%	0.000
140.00	Free Oil Oil 100%	1.964
0.00	Chlorides 55000.0	0.000
0.00	Resistivity is .28 @ 84 Degrees	0.000

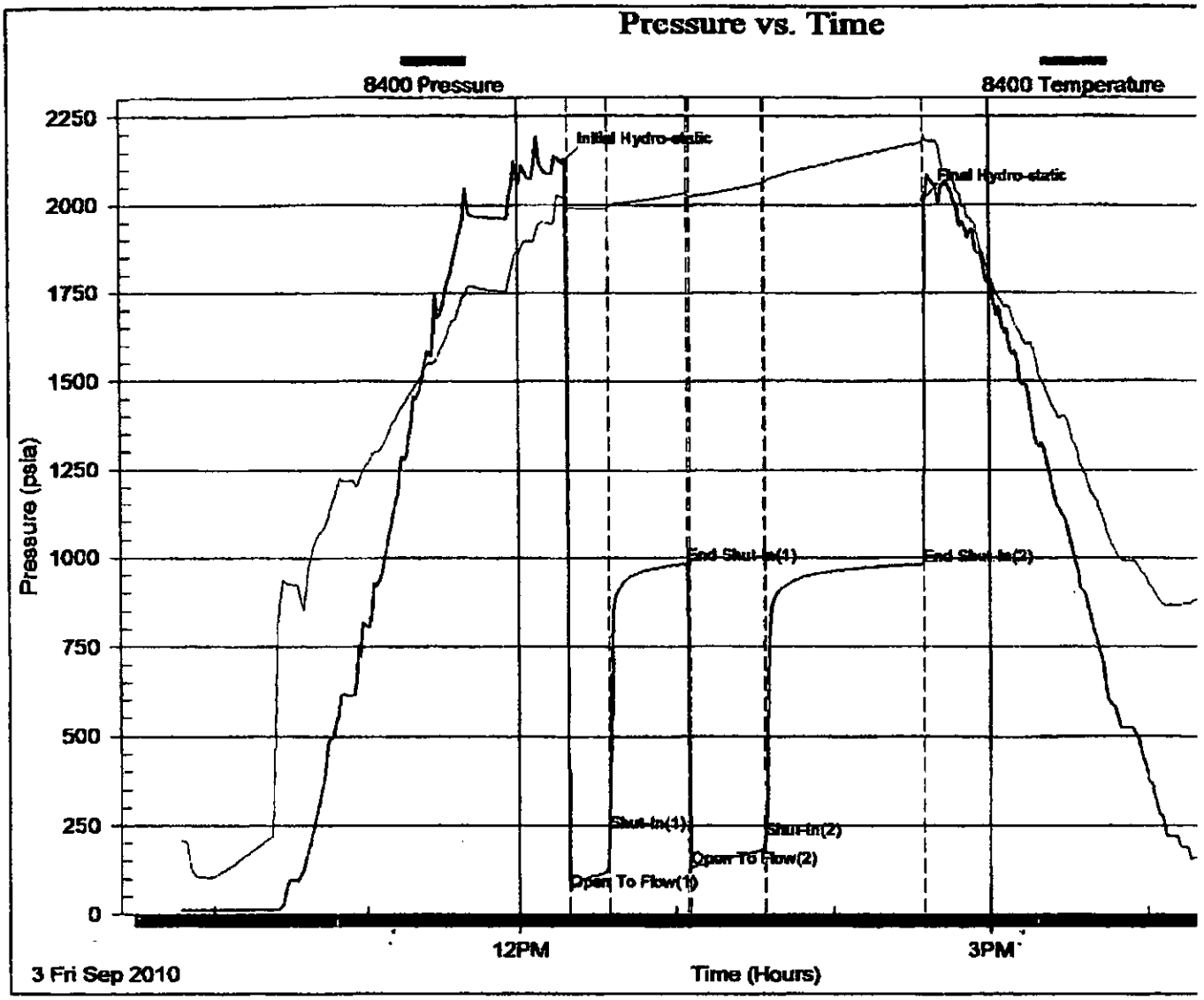
Total Length: 370.00 ft Total Volume: 3.525 bbl

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

Laboratory Name: Laboratory Location:

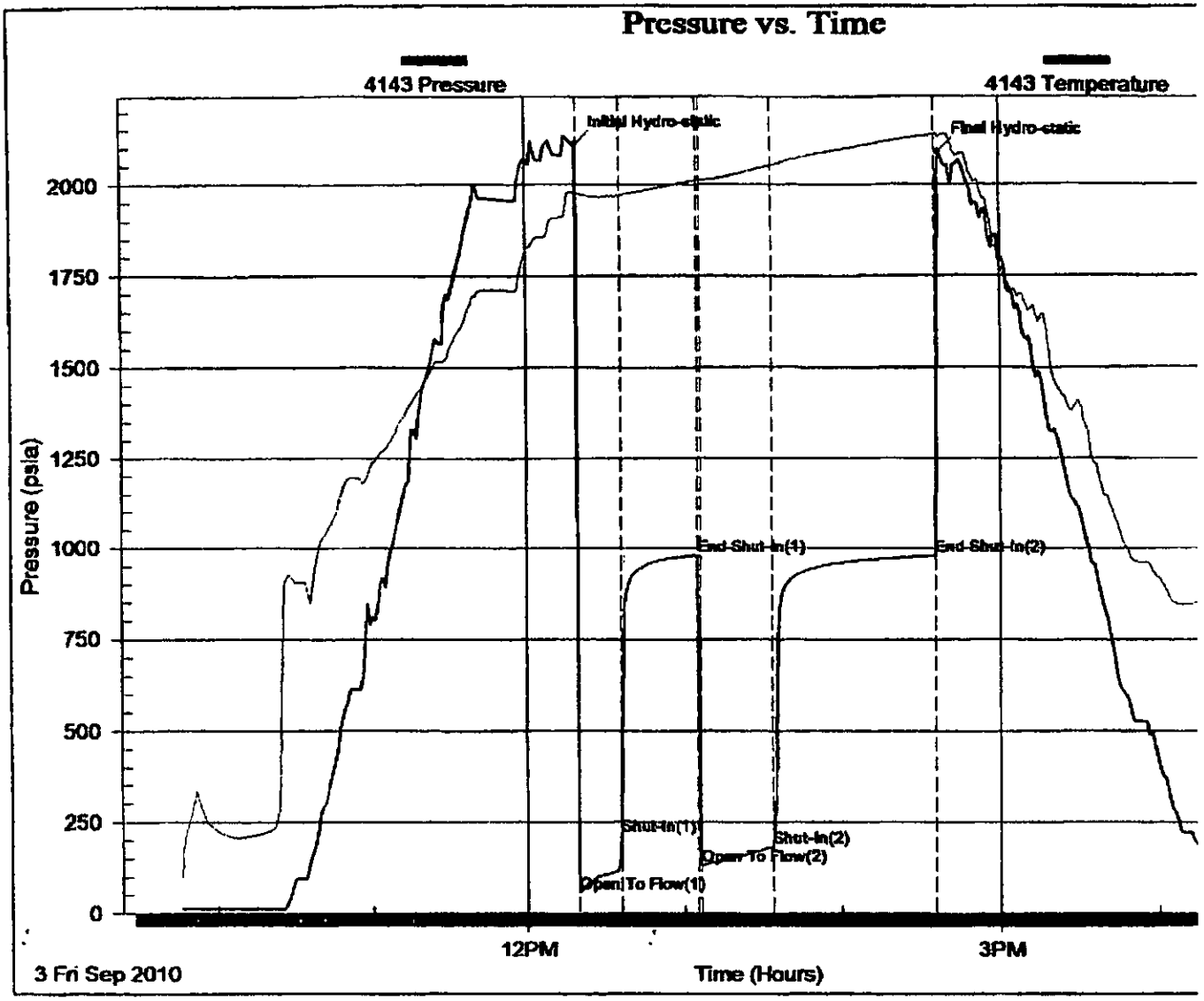
Recovery Comments:

Serial #: 8400 Outside Larson Engineering Inc. 24/16S/30W Lane



Superior Testers Enterprises LLC Ref. No: 16113

Serial #: 4143 Inside Larson Engineering Inc. 24/18S/30W Lane



Superior Testers Enterprises LLC Ref. No: 16113

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering Inc.**

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

24/18S/30W Lane

Marit #1-24

Start Date: 2010.09.04 @ 05:40:00

End Date: 2010.09.04 @ 12:44:15

Job Ticket #: 16114 DST #: 4

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2010.09.04 @ 13:30:54

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16114 **DST#: 4**

Test Start: 2010.09.04 @ 05:40:00

GENERAL INFORMATION:

Formation: **Lansing "K" Zone**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:03:30
Time Test Ended: 12:44:15

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-GB-206

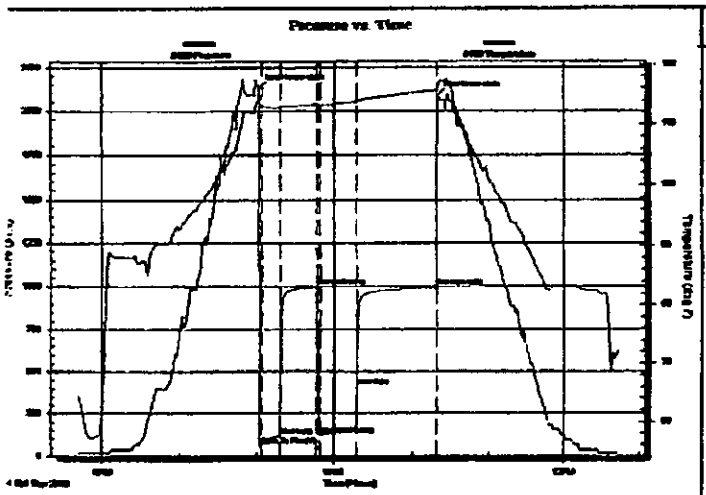
Interval: 4209.00 ft (KB) To 4240.00 ft (KB) (TVD)
Total Depth: 4240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 Outside
Press@RunDepth: 413.97 psia @ 4237.00 ft (KB)
Start Date: 2010.09.04 End Date: 2010.09.04
Start Time: 05:40:00 End Time: 12:44:15

Capacity: 5000.00 psia
Last Calib.: 2010.09.04
Time On Btm: 2010.09.04 @ 08:01:30
Time Off Btm: 2010.09.04 @ 10:19:30

TEST COMMENT:
1ST Opening 15 Minutes weak blow/blow built to 6 inches into a 5 gallon bucket of water
1ST Shut-In 30 Minutes no blow back
2ND Opening 30 Minutes weak blow/blow built to bottom of the 5 gallon bucket of water
2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2129.53	113.58	Initial Hydro-static
2	62.66	112.92	Open To Flow (1)
16	116.74	112.69	Shut-In(1)
45	1000.56	113.33	End Shut-In(1)
47	121.80	113.10	Open To Flow(2)
76	413.97	113.85	Shut-In(2)
137	997.74	115.69	End Shut-In(2)
138	2084.15	116.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slight Oil skim in Mud cut Water	0.30
0.00	1% Oil 20% Mud 79% Water	0.00
60.00	Slight Oil skim in Mud cut Water	0.30
0.00	0.50% Oil 10% Mud 89.50% Water	0.00
60.00	Mud cut Water with a trace of Oil	0.30
0.00	20% Mud 80% Water	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16114 **DST#: 4**

Test Start: 2010.09.04 @ 05:40:00

GENERAL INFORMATION:

Formation: **Lansing "K" Zone**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:03:30
Time Test Ended: 12:44:15

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-GB-206

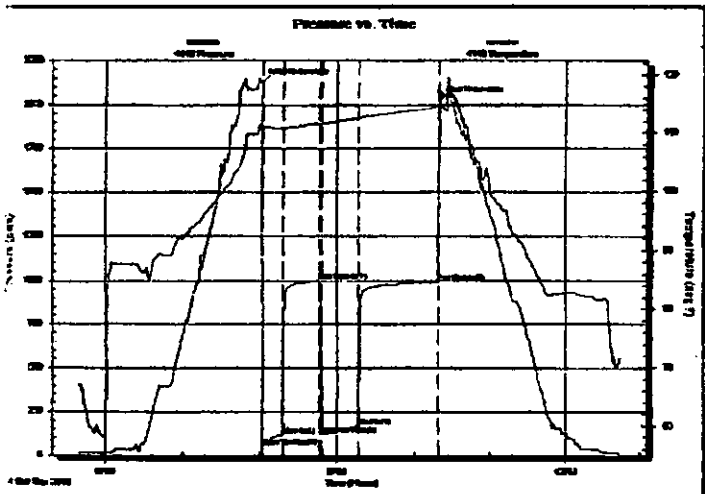
Interval: 4209.00 ft (KB) To 4240.00 ft (KB) (TVD)
Total Depth: 4240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 4143 **Inside**
Press@RunDepth: 995.19 psia @ 4236.00 ft (KB)
Start Date: 2010.09.04 End Date: 2010.09.04
Start Time: 05:40:00 End Time: 12:44:15

Capacity: 5000.00 psia
Last Calib.: 2010.09.04
Time On Btm: 2010.09.04 @ 08:01:15
Time Off Btm: 2010.09.04 @ 10:19:16

TEST COMMENT:
1ST Opening 15 Minutes weak blow /blow built to 6 inches into a 5 gallon bucket of water
1ST Shut-In 30 Minutes no blow back
2ND Opening 30 Minutes weak blow /blow built to bottom of the 5 gallon bucket of water
2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2126.92	111.32	Initial Hydro-static
2	53.19	111.22	Open To Flow (1)
17	118.41	110.80	Shut-In(1)
46	998.77	111.58	End Shut-In(1)
48	121.56	111.64	Open To Flow (2)
76	170.20	112.59	Shut-In(2)
138	995.19	114.45	End Shut-In(2)
139	2025.14	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slight Oil skim in Mud cut Water	0.30
0.00	1% Oil 20% Mud 79% Water	0.00
60.00	Slight Oil skim in Mud cut Water	0.30
0.00	0.50% Oil 10% Mud 89.50% Water	0.00
60.00	Mud cut Water with a trace of Oil	0.30
0.00	20% Mud 80% Water	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16114 **DST#: 4**

Test Start: 2010.09.04 @ 05:40:00

Tool Information

Drill Pipe:	Length:	4019.00 ft	Diameter:	3.80 inches	Volume:	56.38 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	182.83 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	Weight to Pull Loose:	58000.00 lb
					Total Volume:	57.28 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		21.83 ft					String Weight: Initial	53000.00 lb
Depth to Top Packer:		4209.00 ft					Final	54000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		31.00 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	
Change Over Sub	1.00			4181.00		
Shut-In Tool	5.00			4186.00		
Hydroic Tool	5.00			4191.00		
Jars	6.00			4197.00		
Safety Joint	2.00			4199.00		
Packer	5.00			4204.00	29.00	Bottom Of Top Packer
Packer	5.00			4209.00		
Perforations	26.00			4235.00		
Recorder	1.00	4143	Inside	4236.00		
Recorder	1.00	8400	Outside	4237.00		
Bullnose	3.00			4240.00	31.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16114 **DST#: 4**

Test Start: 2010.09.04 @ 05:40:00

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:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	ohmm	Gas Cushion Pressure:	psia		
Salinity:	2000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

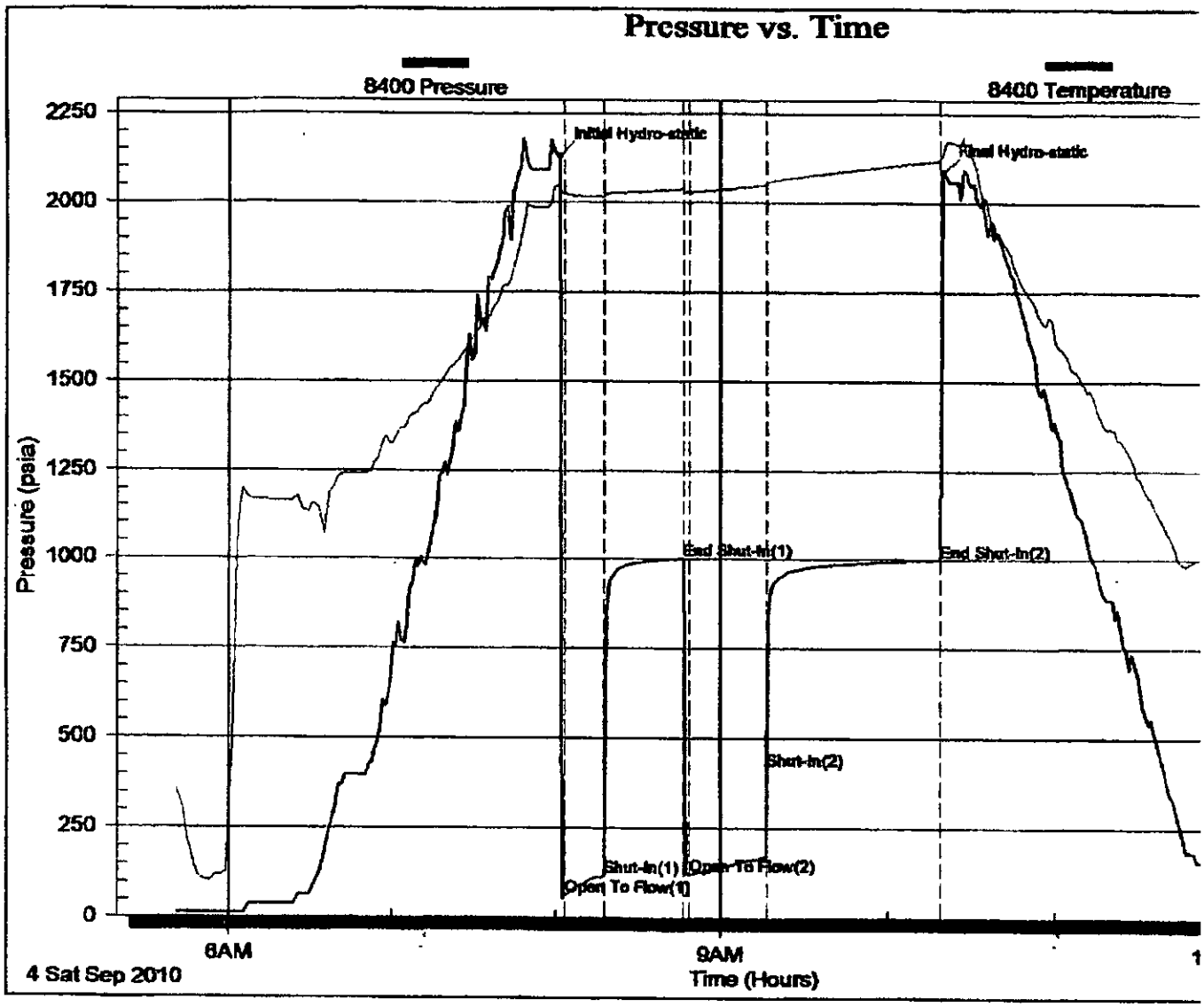
Length ft	Description	Volume bbl
60.00	Slight Oil skim in Mud cut Water	0.295
0.00	1% Oil 20% Mud 79% Water	0.000
60.00	Slight Oil skim in Mud cut Water	0.295
0.00	0.50% Oil 10% Mud 89.50% Water	0.000
60.00	Mud cut Water with a trace of Oil	0.295
0.00	20% Mud 80% Water	0.000
60.00	Slight Watery Oil cut Mud	0.816
0.00	10% Oil 80% Mud 10% Water	0.000
60.00	Oil cut Mud 50% Oil/50%Mud	0.842
0.00	Chlorides 31000	0.000
0.00	Resistivity is .33@84 Degrees	0.000

Total Length: 300.00 ft Total Volume: 2.543 bbl

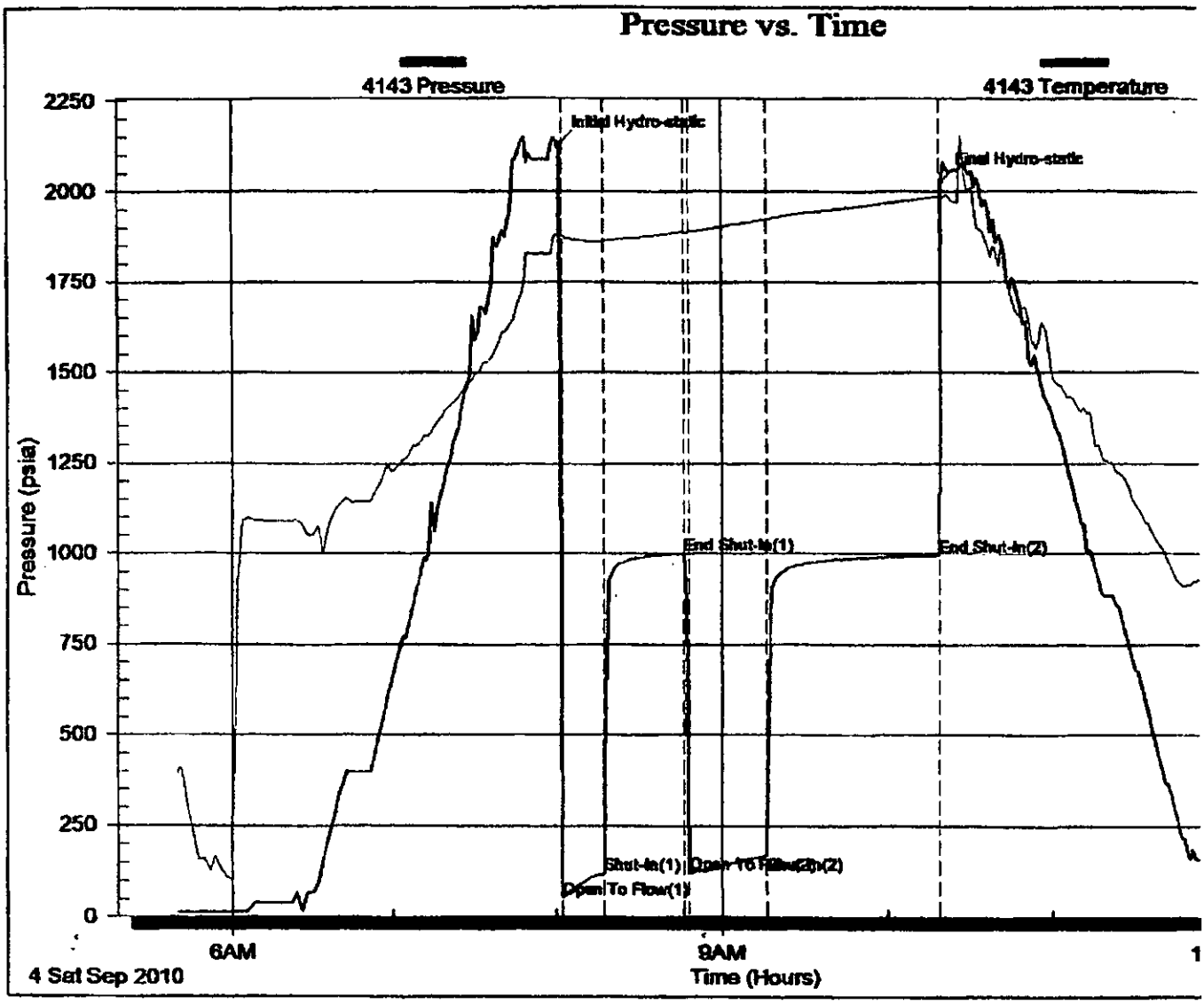
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8400 Pressure
8400 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure (psia)
2250
2000
1750
1500
1250
1000
750
500
250
0
6AM
9AM
4 Sat Sep 2010
Time (Hours)

Serial #: 4143 Inside Larson Engineering Inc. 24/16S/30W Lane



Superior Testers Enterprises LLC Ref. No: 16114

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering Inc.**

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

24/18S/30W Lane

Marit #1-24

Start Date: 2010.09.04 @ 22:49:00

End Date: 2010.09.05 @ 10:18:00

Job Ticket #: 16115 DST #: 5

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2010.09.05 @ 11:18:39

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16115 **DST#: 5**

Test Start: 2010.09.04 @ 22:49:00

GENERAL INFORMATION:

Formation: **Lansing " L " Zone**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:34:00
Time Test Ended: 10:18:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-Dighton-30

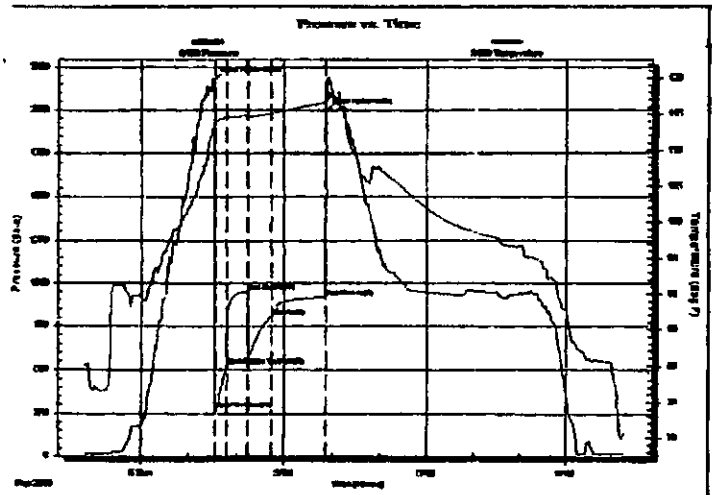
Interval: 4246.00 ft (KB) To 4270.00 ft (KB) (TVD)
Total Depth: 4270.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**
Press@RunDepth: 807.00 psia @ 4267.00 ft (KB)
Start Date: 2010.09.04 End Date: 2010.09.05
Start Time: 22:49:00 End Time: 10:18:00

Capacity: 5000.00 psia
Last Calib.: 2010.09.05
Time On Btm: 2010.09.05 @ 01:32:30
Time Off Btm: 2010.09.05 @ 03:53:30

TEST COMMENT: 1ST Opening 15 Minutes strong blow/Blow blew to bottom of a 5 gallon bucket of water
1ST Shut-In 30 Minutes yes had blow back
2ND Opening 30 Minutes not as strong as a blow but still blew to the bottom of a 5 gallon bucket of water in 1 minute



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2175.23	113.63	Initial Hydro-static
2	272.07	113.68	Open To Flow (1)
16	524.78	114.54	Shut-In(1)
41	951.98	114.77	End Shut-In(1)
42	570.26	114.67	Open To Flow (2)
72	807.00	115.14	Shut-In(2)
140	919.75	116.68	End Shut-In(2)
141	1992.44	119.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightly Oil and Water cut Mud	0.30
0.00	14% Oil 60% 26% Water	0.00
60.00	Lightly Watery Mud cut Oil	0.30
0.00	10% Gas 45% Oil 20% Mud 15% Wate	0.00
60.00	Oil cut Mud Oil 50% Mud 50%	0.30
504.00	Slightly Mud cut Gassy Oil	7.04

Gas Rates

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

DRILL STEM TEST REPORT

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16115 **DST#: 5**

Test Start: 2010.09.04 @ 22:49:00

GENERAL INFORMATION:

Formation: **Lansing " L " Zone**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:34:00
Time Test Ended: 10:18:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dylan E. Ellis
Unit No: 3345-Dighton-30

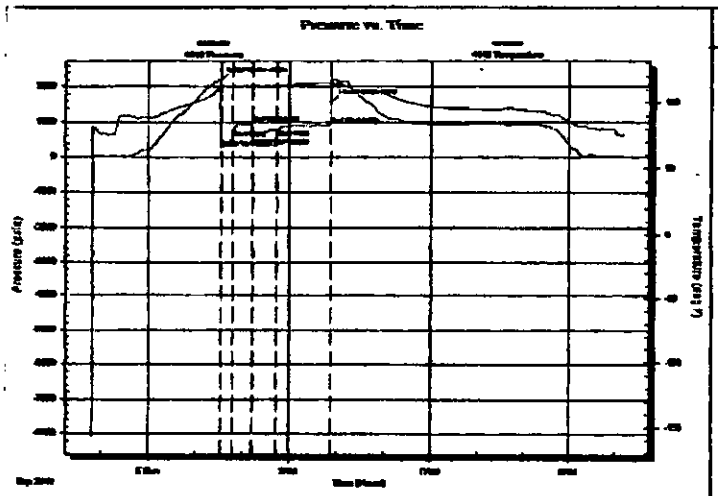
Interval: 4246.00 ft (KB) To 4270.00 ft (KB) (TVD)
Total Depth: 4270.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2854.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 4143 **Inside**
Press@RunDepth: 919.62 psia @ 4266.00 ft (KB)
Start Date: 2010.09.04 End Date: 2010.09.05
Start Time: 22:49:00 End Time: 10:18:00

Capacity: 5000.00 psia
Last Calib.: 2010.09.05
Time On Btm: 2010.09.05 @ 01:32:15
Time Off Btm: 2010.09.05 @ 03:52:46

TEST COMMENT: 1ST Opening 15 Minutes strong blow/Blow blew to bottom of a 5 gallon bucket of water
1ST Shut-In 30 Minutes yes had blow back
2ND Opening 30 Minutes not as strong as a blow but still blew to the bottom of a 5 gallon bucket of water in 1 minute



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2173.64	111.17	Initial Hydro-static
2	274.91	111.91	Open To Flow (1)
17	529.73	112.44	Shut-In(1)
42	950.46	112.48	End Shut-In(1)
43	569.17	112.50	Open To Flow (2)
72	805.33	113.45	Shut-In(2)
140	919.62	115.40	End Shut-In(2)
141	1543.14	117.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightly Oil and Water cut Mud	0.30
0.00	14% Oil 60% 26% Water	0.00
60.00	Lightly Watery Mud cut Oil	0.30
0.00	10% Gas 45% Oil 20% Mud 15% Wate	0.00
60.00	Oil cut Mud Oil 50% Mud 50%	0.30
504.00	Slightly Mud cut Gassy Oil	7.04

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16115 **DST#: 5**

Test Start: 2010.09.04 @ 22:49:00

Tool Information

Drill Pipe:	Length:	4052.00 ft	Diameter:	3.80 inches	Volume:	56.84 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	182.83 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	57.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		12.83 ft					String Weight: Initial	54000.00 lb
Depth to Top Packer:		4246.00 ft					Final	61000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		24.00 ft						
Tool Length:		48.00 ft						
Number of Packers:		1	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4223.00		
Shut-In Tool	5.00			4228.00		
Hydroic Tool	5.00			4233.00		
Jars	6.00			4239.00		
Safety Joint	2.00			4241.00		
Packer	5.00			4246.00	24.00	Bottom Of Top Packer
Perforations	19.00			4265.00		
Recorder	1.00	4143	Inside	4266.00		
Recorder	1.00	8400	Outside	4267.00		
Bullnose	3.00			4270.00	24.00	Anchor Tool
Total Tool Length:	**48.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

562 West State Road #4 Olmitz 67564+8561

ATTN: Bob Lewellyn

Marit #1-24

24/18S/30W Lane

Job Ticket: 16115 **DST#: 5**

Test Start: 2010.09.04 @ 22:49:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	40 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psia		
Salinity:	2400.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Slightly Oil and Water cut Mud	0.295
0.00	14% Oil 60% 26% Water	0.000
60.00	Lightly Watery Mud cut Oil	0.295
0.00	10% Gas 45% Oil 20% Mud 15% Water	0.000
60.00	Oil cut Mud Oil 50% Mud 50%	0.295
504.00	Slightly Mud cut Gassy Oil	7.044
0.00	8% Gas 80% Oil 12% Mud	0.000
504.00	Slightly Mud cut Gassy Oil	7.070
0.00	20% Gas 70% Oil 10%Mud	0.000
504.00	Oil and Gassy Mud	7.070
0.00	35% Gas 60% Oil 5% Mud	0.000
504.00	Slightly Mud cut Gassy Oil	7.070
0.00	10% Gas 80% Oil 10% Mud	0.000
0.00	Gravity Of Oil Corrected is 40	0.000

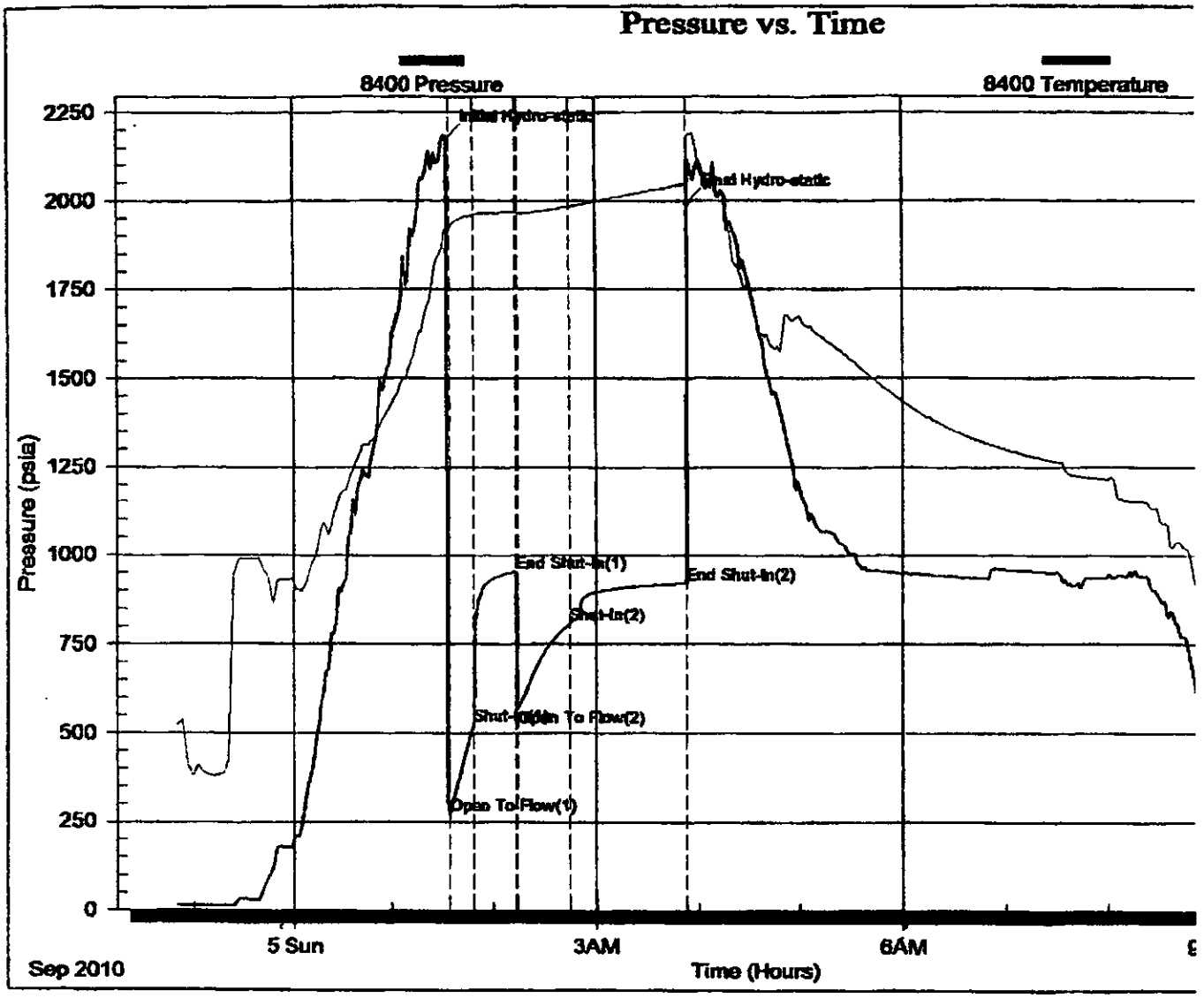
Total Length: 2196.00 ft Total Volume: 29.139 bbl

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

Laboratory Name: Laboratory Location:

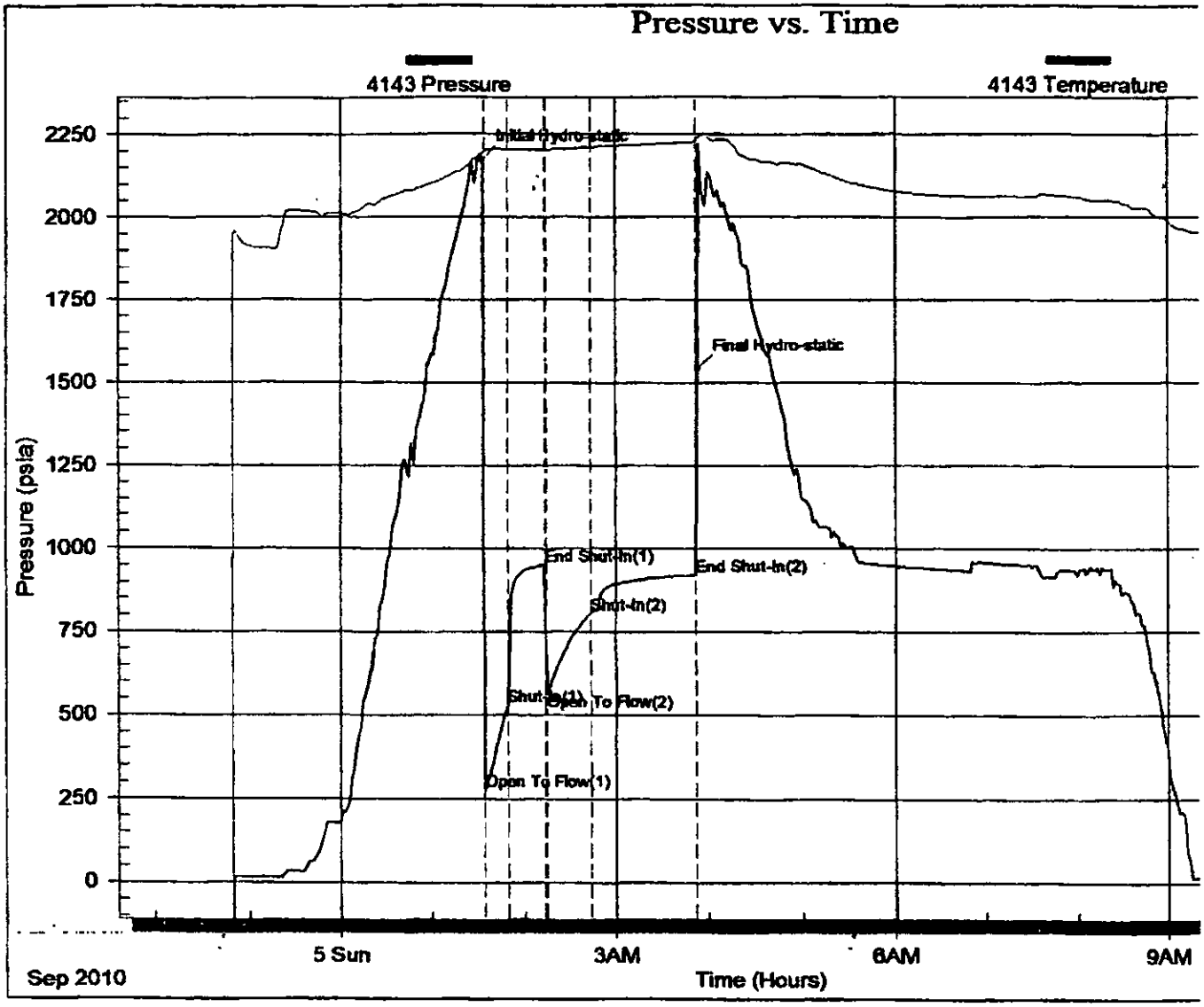
Recovery Comments: Pulled 5 stands of drill pipe dumped oil and dropped the bar down hole and circulated for 35 - 40 minutes and came out of the hole

Serial #: 8400 Outside Larson Engineering Inc. 24/18S/30W Lane



Superior Testers Enterprises LLC Ref. No: 16115

Serial #: 4143 Inside Larson Engineering Inc. 24/18S/30W Lane



Superior Testers Enterprises LLC Ref. No: 16115

Robert C. Lewellyn

Consulting Petroleum Geologist

P. O. Box 375
Kechi, KS 67067-0375
Office 316-744-2567
Cell 316-518-0495
boblewellyn@yahoo.com

GEOLOGICAL REPORT

Larson Engineering, Inc.
Marit No. 1-24
880' FNL & 330' FWL Sec. 24-18S-30W
Lane County, Kansas

CONTRACTOR:	H D Drilling, LLC
SPUDDED:	August 26, 2010
DRILLING COMPLETED:	September 07, 2010
SURFACE CASING:	8 5/8" @ 260 KBM/175 sx,
ELECTRIC LOGS:	Log-Tech DIL CNL/CDL MEL
ELEVATIONS:	2854 KB 2847 GL

FORMATION TOPS (Electric Log):

Anhydrite	2152 (+ 702)
Base Anhydrite	2209 (+ 645)
Heebner Shale	3898 (-1044)
Lansing-Kansas City Group	3939 (-1085)
Muncie Creek Shale	4110 (-1256)
Stark Shale	4210 (-1356)
Hushpuckney shale	4247 (-1393)
Base Kansas City	4298 (-1444)
Altamont	4352 (-1498)
Pawnee	4407 (-1553)
Myrick Station	4436 (-1582)
Fort Scott	4460 (-1606)
Cherokee	4485 (-1631)
Mississippian	4548 (-1694)
Electric Log Total Depth	4622 (-1768)

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:

3939-3946 (A Zone)

Limestone, buff, some cream, dense with scattered finely crystalline, some chalky, slightly fossiliferous, rare trace of dead stain, zone is mostly tight with no show of live oil.

3973-3975 (B Zone)

Limestone, cream to buff, dense to finely crystalline with much chalk, poor scattered intercrystalline porosity, trace of dead stain, no show of live oil.

3993-4022 (C/D Zone)

Limestone, cream to buff, dense and chalky, some finely crystalline, zone is mostly tight with no shows of oil. Some scattered light gray chert.

4024-4038 (E Zone)

Limestone, buff to tan, dense to finely crystalline, some sub-lithographic, some cream chalky limestone, zone is mostly tight with trace of dead stain, no shows of live oil.

4041-4054 (F Zone)

Limestone, cream to buff, some grey, finely crystalline and slightly oolitic, trace of very poor intercrystalline and interoolitic porosity with scattered traces of dead stain, no shows of live oil.

4056-4063 (G Zone)

Limestone, cream to buff, finely crystalline and partly oolitic, much chalky, poor scattered ooliticastic porosity, no show of oil, some scattered white chert.

4122-4130 (H Zone)

Limestone, cream to buff to tan, some brown, dense to finely crystalline, partly fossiliferous, scattered poor to fair intercrystalline and interfossil porosity with poor to fair spotted stain, show of free oil, fair to good odor, poor fluorescence, poor to fair cut.

Drill Stem Test No. 1 4110-4145
15-30-15-30; surface blow receded and died on first flow; blow did not return on second flow; recovered 20 feet of oil spotted mud. ISIP 933# FSIP 905# IFP 16-19# FFP 21-25# IHP 2070# FHP 2052# BHT 116 degrees.

4165-4168 & 4172-4175 (I Zone)

Limestone, buff, finely crystalline and fossiliferous, fair intercrystalline and interfossil porosity, poor to fair spotted stain, fair to good show of free oil, fair to good odor, poor fluorescence, poor to fair cut.

Drill Stem Test No. 2 4154-4187
15-30-30-60; blow off bottom of bucket in 12 minutes of first flow, 2 inch blowback receded to ½"; blow off bottom of bucket in 10 minutes of second flow, 2 ½ inch blowback receded to ½ inch; recovered 425 feet of gas in drill pipe, 196 feet of gassy oil (20% gas, 80% oil), 173 feet of gassy mud cut oil (15% gas, 65% oil, 20% mud). ISIP 1061# FSIP 1095# IFP 25-90# FFP 98-162# IHP 2110# FHP 2080# BHT 119 degrees.

4187-4198 (J Zone)

Limestone, buff to tan, finely crystalline and coarsely oolitic, good ooliticastic porosity with fair to good spotted stain, trace of saturated stain, good show of free oil, good odor, fair to good fluorescence, good cut, porosity is 50% barren.

Drill Stem Test No. 3 4184-4215
15-30-30-60; blow off bottom of bucket in 13 minutes on first flow period, blowback on shut in; blow off bottom of bucket in 13 minutes of second flow, blowback on shut in, died; recovered 140 feet of gassy free oil (100% oil), 50 feet of slightly gassy muddy oil (10% gas, 80% oil, 10% mud), 60 feet of gassy mud cut oil with a trace of water (10% gas, 55% oil, 26% mud, 4% water), 60 feet of gassy mud cut oil (10% gas, 46% oil, 44% mud), 60 feet of gassy oil cut muddy water (5% gas, 5% oil, 15% mud, 75% water), chlorides 55,000 ppm, system chlorides 1900 ppm. ISIP 982# FSIP 980# IFP 66-231# FFP 132-212# IHP 2120# FHP 2015# BHT 117 degrees.

4221-4225 (K Zone)

Limestone, buff to tan, some scattered brown, dense to finely crystalline, fossiliferous in part, trace of oolitic, fair intercrystalline porosity, some fair interfossil porosity, fair spotted stain, fair to good show of free oil, good odor, poor fluorescence, fair cut.

Drill Stem Test No. 4 4209-4240
15-30-30-60; weak blow built to six inches on first flow period, no blowback; weak blow, built to bottom of bucket on second flow period, no blowback; recovered 60 feet of mud cut oil (50% oil, 50% mud), 60 feet of slightly watery oil cut mud (10% oil, 80% mud, 10% water), 60 feet of mud cut water with a trace of oil (20% mud, 80% water), 60 feet

of mud cut water with oil skim (.5% oil, 10% mud, 89.5% water), 60 feet of mud cut water with oil skim (1% oil, 20% mud, 79% water). ISIP 1000# FSIP 997# IFP 62-116# FFP 121-413# IHP 2129# FHP 2084# BHT 115 degrees. Chlorides 31,000 ppm, system chlorides 2,000 ppm.

4279-4284 (Middle Creek & L Zone)

Limestone, buff to tan, some brown, dense to finely crystalline, some poor to fair scattered intercrystalline and small vug porosity, fair spotted stain, fair show of free oil, good odor, poor fluorescence, fair cut.

Drill Stem Test No 5 4246-4270
15-30-30-60; blow off bottom of bucket in one minute of first flow period, blowback on shut-in; blow off bottom of bucket in one minute of second flow period, blowback on shut-in; recovered 504 feet of slightly mud cut gassy oil (10% gas, 80% oil, 10% mud), 504 feet of gassy slightly muddy oil (35% gas, 60% oil, 5% mud), 504 feet of gassy slightly muddy oil (20% gas, 70% oil, 10% mud), 504 feet of gassy slightly muddy oil (8% gas, 80% oil, 12% mud), 60 feet of heavily mud cut oil (50% oil, 50% mud), 60 feet of gassy water and mud cut oil (10% gas, 45% oil, 20% mud, 25% water), 60 feet of slightly oil and water cut mud (14% oil, 60% mud, 26% water). ISIP 951# FSIP 919# IFP 272-524# FFP 570-807# IHP 2175# FHP 1992# BHT 116 degrees. Gravity of oil is 40 degrees (corrected). Pulled five stands and drained, then reversed fluid out with sample every 60 seconds.

4306-4310 (Pleasanton Zone)

Limestone, cream to buff, dense to finely crystalline and chalky, some scattered fair intercrystalline porosity, trace of poor spotted stain, trace of scattered dead stain on fracture faces, very slight show of free oil, fair to good odor, poor fluorescence, poor cut.

4368-4371 (Altamont Zone)

Limestone, cream to buff, some tan, finely crystalline, trace of oolitic, scattered poor intercrystalline porosity, trace of poor spotted stain, faint odor, poor fluorescence, poor to fair cut.

4413-4416 (Pawnee Zone)

Limestone, buff to tan, some brown, dense to finely crystalline, trace of very poor intercrystalline porosity, scattered traces of very poor spotted stain, very slight show of free oil, faint odor, no fluorescence, very poor cut.

4442-4445 (Myrick Station Zone)

Limestone, buff to tan, some brown, dense to finely crystalline, poor to fair intercrystalline porosity, scattered poor spotted stain, very slight show of free oil, faint to fair odor, poor fluorescence, poor cut.

4460-4485 (Fort Scott Zone)

The upper section of the Fort Scott consisted of limestone, buff, some tan, dense to finely crystalline, trace of oolitic, some cream chalky, mostly tight, no show of oil. The lower section consisted of limestone, cream to buff, some tan, dense to finely crystalline, scattered very poor intercrystalline porosity, poor to fair spotted stain in a few pieces, slight show of free oil, faint to fair fleeting odor, poor fluorescence, poor cut.

4521-4535 (Johnson Zone)

Limestone, buff to tan, some grey, dense to finely crystalline, slightly fossiliferous, trace of very poor intercrystalline porosity, some poor vugular porosity, scattered poor to fair spotted stain, slight show of free oil, faint fleeting odor, no fluorescence, poor cut, some black flaky inclusions in dense limestone.

4535-4548 (Detrital Zone)

Scattered varicolored fresh chert with very fine grand white, tight sand and varicolored shale, no reservoir quality, no show of oil.

4548-4599 (Mississippian Zone)

Limestone, cream to buff, dense to finely crystalline and mealy, brittle, flaky, some scattered chalky, section is mostly tight with no show of oil.

4599-4622

Dolomite, tan to brown, dense to finely crystalline, trace of sucrosic, some scattered partly oolitic, some scattered chert, interval is mostly tight with no shows of oil.

4620 Rotary Total Depth

Conclusions and Recommendations:

Production casing was cemented on the No. 1-24 Marit, and it is recommended that various zones in the well be perforated and production tested as per Tom Larson and Kyle Carter.

Respectfullt submitted,

Robert C. Lewellyn
Petroleum Geologist

KANSAS

COUNTY: LANE

BLOCK:

SEC: 24

T: 18S R: 30W

ALTITUDE: 2854 KB

PRODUCTION: Oil

COMPANY: ABERSON ENGINEERING

FARM: MARIT WELL NO: 1-24

SURVEY: 880' FNL & 330' FWL

TOTAL DEPTH: 4620

CONTRACTOR: HD Drlg LLC

COMMENCED: 08-26-2010

COMPLETED: 09-07-2010

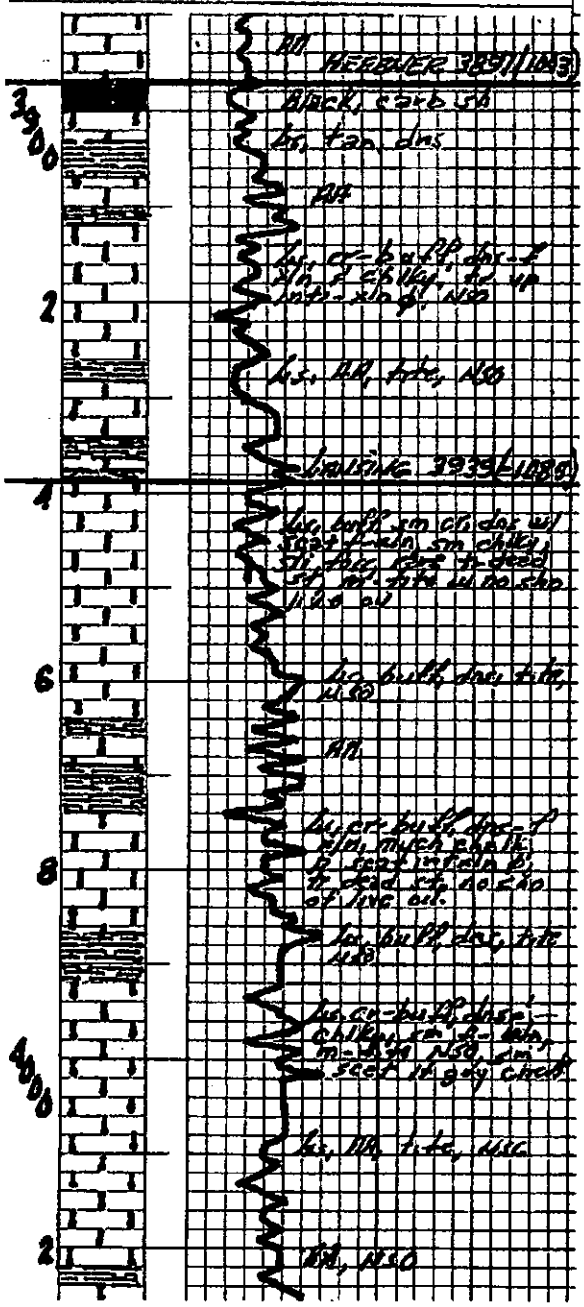
REMARKS:

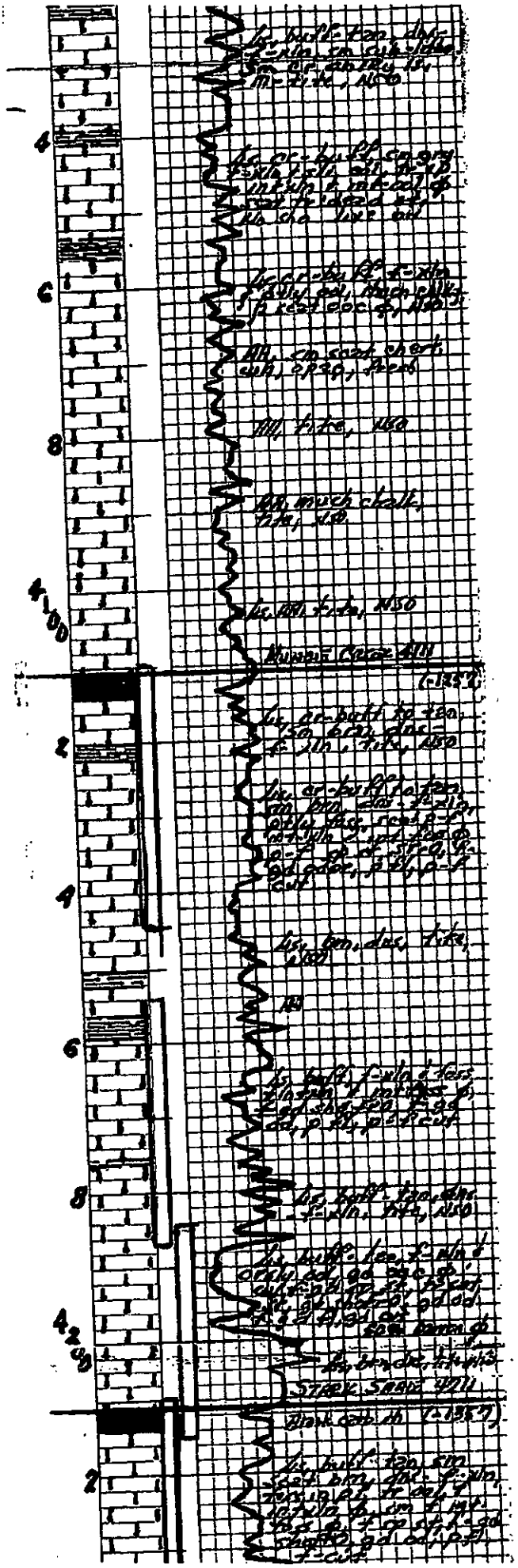
Robert C. Llewellyn - Geol

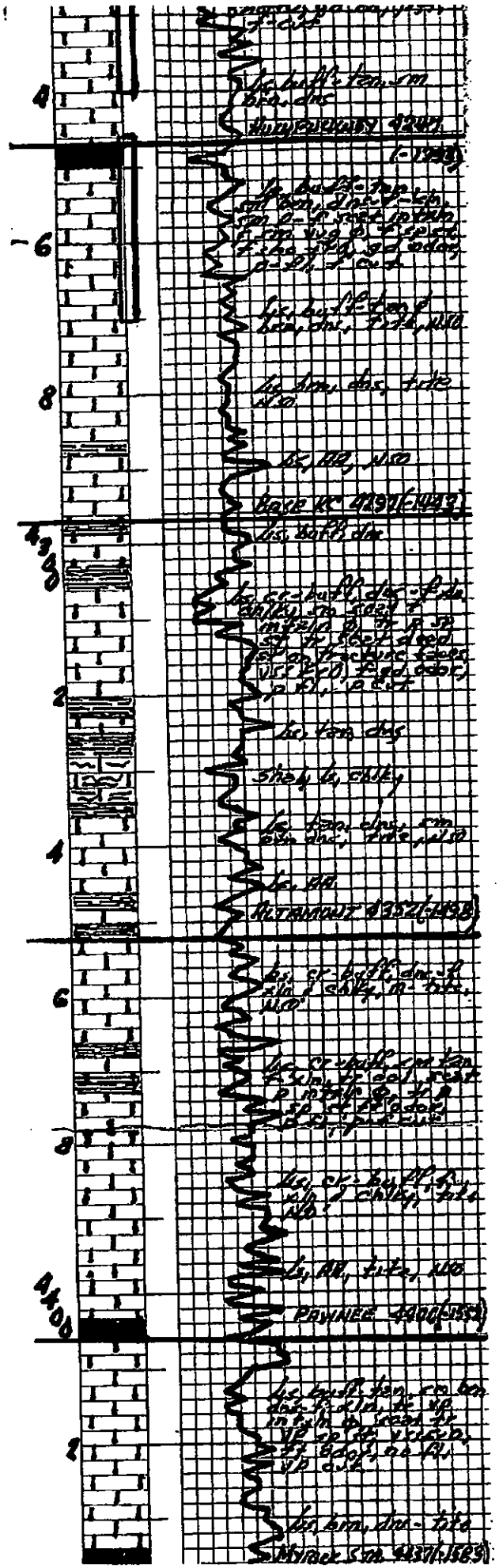
CASING RECORD

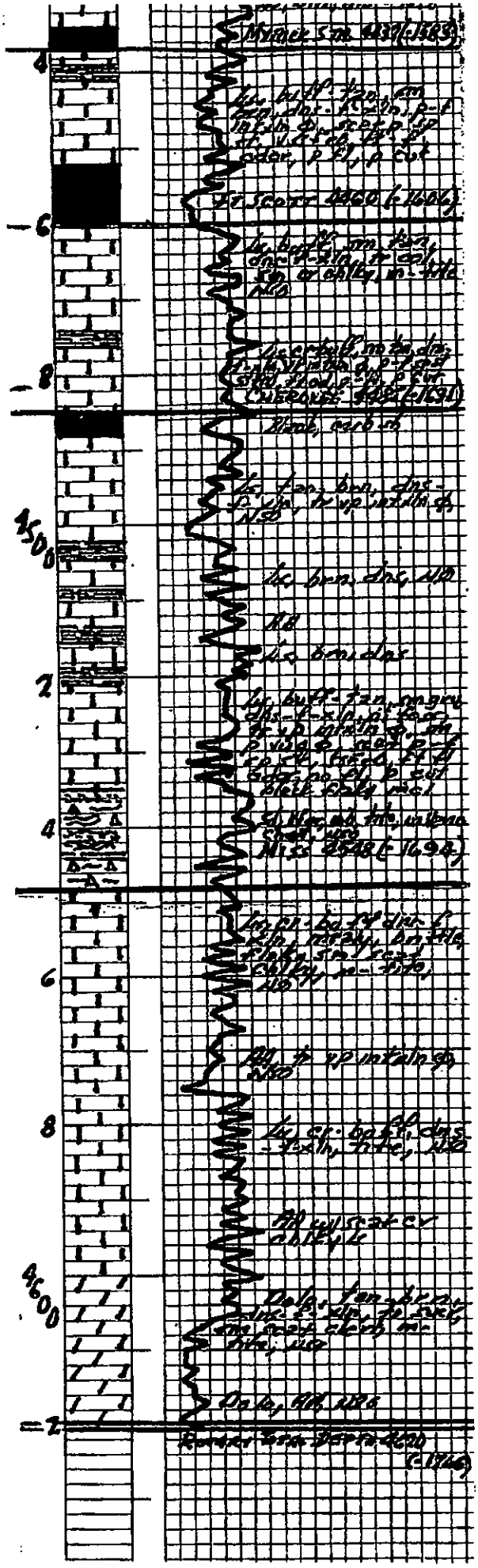
8 5/8" @ 260 KB M/175 sx

SHOT QUARTS BETWEEN









KANSAS
CORPORATION COMMISSION

December 21, 2010

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

Re: ACO1
API 15-101-22252-00-00
Marit 1-24
NW/4 Sec.24-18S-30W
Lane 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