

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1200775

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

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

_____ Feet from ☐ North / ☐ South Line of Section

_____ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
List All E. Logs Run:					

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

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				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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

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	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>		METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	Renick 2
Doc ID	1200775

All Electric Logs Run

Tucker Energy Services: Directional Survey
Tucker Energy Services: Compensated Neutron PEL Density MicroLog
Tucker Energy Services: Phased Induction Shallow Focus SP Log
Tucker Energy Services: Borehole Volume
LogTech of Kansas:Cement Bond Log

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Tops

Name	Top	Datum
Heebner	4110	-1288
Toronto	4128	-1306
Lansing-Kansas City	4194	-1372
LKC 'B'	4226	-1404
LKC 'D'	4268	-1446
LKC 'F'	4295	-1473
LKC 'G'	4327	-1505
Muncie Creek	4371	-1549
LKC 'H'	4379	-1557
LKC 'I'	4402	-1580
LKC 'J'	4434	-1612
Stark	4494	-1672
LKC 'K'	4500	-1678
Hushpuckney	4536	-1714
LKC 'L'	4544	-1722
Base Kansas City	4626	-1804
Marmaton	4648	-1826
Pawnee	4721	-1899
Ft. Scott	4744	-1922
Cherokee	4760	-1938
Cherokee Lime	4845	-2023
Ste. Genevieve	4898	-2076
St. Louis	4954	-2132

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	St. Louis Perforations	24 holes	4954'-4960'
0	St. Louis Acid Treatment	500 gal 15% NE-FE Acid	4954'-4960'
0	St. Louis Acid Retreat	5000 gal 15% NE-FE Acid	4954'-4960'
4	Mississippian Perforations	24 holes	4904'-4910'
0	Mississippian Acid Treatment	500 gal 15% HCl MCA	4904'-4910'
4	Cherokee Perforations	16 holes	4860'-4864'
4	Cherokee Perforations	16 holes	4845'-4849'
4	Cherokee Perforations	56 holes	4826'-4840'
0	Cherokee Acid Treatment	2000 gal 15% HCl MCA & 132 biodegradeable perf balls	4840'-4864'
1	Cherokee Perforations	11 holes	4882'-4892'
1	Cherokee Perforations	7 holes	4870'-4876'
1	Cherokee Perforations	7 holes	4852'-4858'
0	Set 5.5" CIBP	5.5" Weatherford CIBP	4935'

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	1785	A Common	605	282# CaCl, 38# celloflake
Production	7.875	5.5	15.5	5157	AA2	270	1500# gilsonite



Scale 1:240 Imperial

Well Name: Renick #2
Surface Location: 710' FNL and 2000' FEL
Bottom Location:
API: 15-069-20460-0000
License Number: 34320
Spud Date: 2/24/2014 Time: 10:00 PM
Region: Sec. 19 - T25S - R29W, Gray County
Drilling Completed: 3/3/2014 Time: 1:10 PM
Surface Coordinates:
Bottom Hole Coordinates:
Ground Elevation: 2814.00ft
K.B. Elevation: 2822.00ft
Logged Interval: 4050.00ft To: 5206.00ft
Total Depth: 5206.00ft
Formation: Mississippian - St. Louis
Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Lasso Energy LLC
Address: P.O. Box 465
1125 S. Main St.
Chase, KS 67524
Contact Geologist: Bruce Kelso
Contact Phone Nbr: 918.633.9655
Well Name: Renick #2
Location: 710' FNL and 2000' FEL API: 15-069-20460-0000
Pool: Unnamed
State: Kansas Country: USA

LOGGED BY



Company: Valhalla Exploration, LLC
Address: 8100 E. 22nd St. North
Building 1800-2
Wichita, KS 67226
Phone Nbr: 316.655.3550
Logged By: Geologist Name: Derek W. Patterson

REMARKS

It was concluded that the Renick #2 wellbore intersected the existing Renick 'Q' #1 wellbore at/around 1879'; the point where circulation was lost. Slawson plugged & abandoned said wellbore in 1981 as a dry hole. From 1879' to RTD the Renick #2 was treated as a wash down of the original Renick 'Q' #1. Open hole logs were conducted following the completion of the wash down.

5 1/2' production casing was ran and cemented for further evaluation of the Renick #2.

All geologic descriptions and DST information have been imported/copied over from the original report for Slawson's Renick "Q" #1.

Respectfully Submitted,

Derek W. Patterson

GENERAL INFORMATION

Service Companies

Drilling Contractor: Fossil Drilling - Rig #2
Tool Pusher: Craig Eubank
Daylight Driller: Kerry Clark

Drilling Fluid: Mud-Co/Service Mud Inc.
Engineer: Justin Whiting

Evening Driller: Jesse Reynolds
Morning Driller: Edward Raney
Relief: Michael Moore

Logging Company: Tucker Energy Services
Engineer: R. King
Logs Ran: DI, CDNL, Micro
Deviation Log

Gas Detector: Bluestem Environmental
Engineer: Sidney Edelbrock
Unit: 0087
Operational By: 1833'

Testing Company: None Performed
Tester: N/A

Deviation Survey	
Depth	Survey
373'	1/2°
860'	3/4°
1112'	1 3/4°
1794'	1°
1833'	2°
1928'	1 1/4°
2241'	1 3/4°
2743'	3/4°
3276'	1/2°
3935'	0°

Pipe Strap	
Depth	Pipe Strap
None Performed	

Bit Record								
Bit #	Size	Make	Type	Serial Number	Depth In	Depth Out	Feet	Hours
1	12 1/4"	Varel	MT	--	0'	1794'	1794'	28
2	7 7/8"	Varel	HE-29	1392766	1794'	5205'	3411'	52.75

Surface Casing	
2.27.2014	Ran 44 joints of new 24#/ft 8 5/8" casing, tallying 1774', set @ 1785' KB. Cemented with 455 sacks A Common, 150 sacks Premium Plus. Cement did circulate. Plug down @ 0950 hrs 2.27.14. By Basic Energy Services.

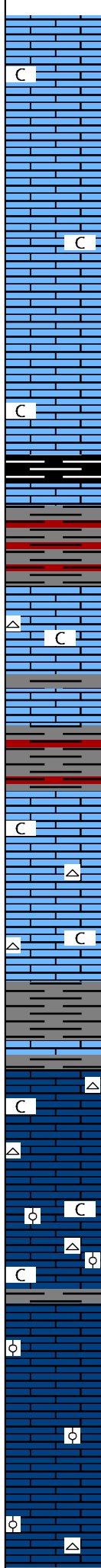
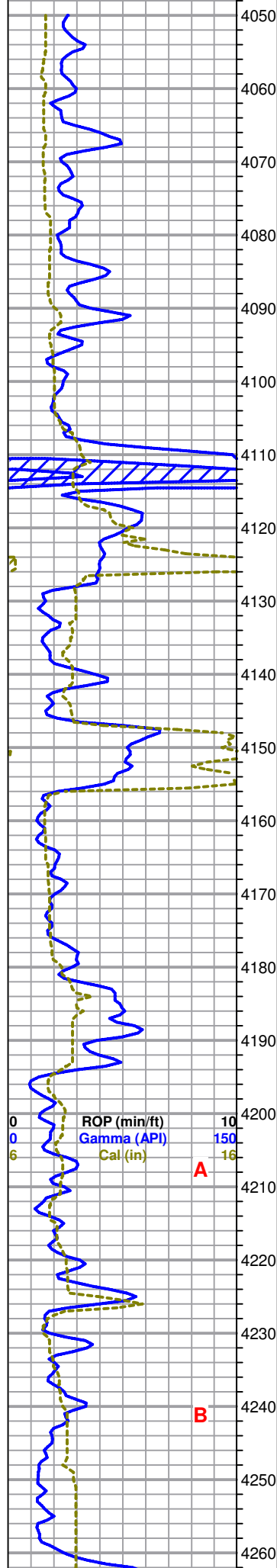
Production Casing	
3.4.2014	Ran 123 joints of new 17#/ft 5 1/2" production casing, tallying 5157.89', set @ 5157' KB. Cemented with 270 sacks AA2. Rathole plugged with 30 sacks AA2. Cement did circulate. Plug down @ 2230 hrs 3.4.14. By Basic Energy Services.

DAILY DRILLING REPORT

Date	0700 Hrs Depth	Previous 24 Hours of Operations
3.3.2014	4594'	Geologist Derek W. Patterson on location 1720 hrs 3.2.14. It was determined that the Renick #2 penetrated into the old wellbore (Renick 'Q' #1). The decision was made to wash down the existing wellbore to its old TD of 5200'. Rig currently washing down Renick 'Q' #1 wellbore. Made 1067' over past 24 hrs of operations. DMC: \$1,248.40 CMC: \$14,512.60
3.4.2014	RTD - 5205' LTD - 5206'	Continue wash down and ream old Renick 'Q' #1 wellbore. Old TD of 5205' reached 1310 hrs 3.3.14. CTCH, conduct short trip up into surface casing. CTCH back on bottom. TOH for open hole logging operations 1915 hrs 3.3.14. Rig up Tucker Energy Services. Conduct open hole logging operations. Orders received to run 5 1/2" production casing for further evaluation of the Renick #2. Geologist Derek W. Patterson off location 0615 hrs 3.4.14. Made 611' over past 24 hrs of operations. DMC: \$1,978.60 CMC: \$16,491.20

WELL COMPARISON SHEET

Drilling Well			Comparison Well			Comparison Well			Comparison Well		
Lasso Energy LLC - Renick #2 Sec. 19 - T2S - R29W 710' FNL & 2000' FEL 2822 KB			Slawson - Renick 'Q' #1 Sec. 19 - T2S - R29W 660' FNL & 2000' FEL Dry 2820 KB			Gear Petroleum - Strawn 'A' #1 Sec. 20 - T2S - R29W NW NW Dry 2732 KB			Becker Clyde - Strawn #1 Sec. 20 - T2S - R29W 100' W of SW SE NE Oil - St. Louis 2780 KB		
Formation	Log	Sub-Sea	Log	Sub-Sea	Log	Log	Sub-Sea	Log	Log	Sub-Sea	Log
Heebner	4110	-1288	4106	-1286	-2	4032	-1300	12	4073	-1293	5
Toronto	4128	-1306	4124	-1304	-2	4047	-1315	9	4086	-1306	0
Lansing-Kansas City	4194	-1372	4190	-1370	-2	4118	-1386	14	4158	-1378	6
LKC 'B'	4226	-1404	4223	-1403	-1	4156	-1424	20	4193	-1413	9
LKC 'D'	4268	-1446	4264	-1444	-2	4188	-1456	10	4226	-1446	0
LKC 'F'	4295	-1473	4291	-1471	-2	4216	-1484	11	4256	-1476	3
LKC 'G'	4327	-1505	4323	-1503	-2	4249	-1517	12	4282	-1502	-3
Muncie Creek	4371	-1549	4368	-1548	-1	4298	-1566	17	4328	-1548	-1
LKC 'H'	4379	-1557	4375	-1555	-2	4304	-1572	15	4334	-1554	-2



Limestone: increase in fossils and porosity, more chalky, pinhole & vug porosity, no show.

Limestone.

Limestone.

Limestone: scattered porosity.

HEEBNER 4110' (-1288')

Shale: black, carbonaceous.

TORONTO 4128' (-1306')

Limestone: cream tan, fn-xln, compact & white chalky, some gray Chert.

Limestone.

Shale: gray & red.

Limestone: off white to tan, fn-xln, compact & white chalky, slight scattered pinhole porosity, no show.

Limestone: same, vuggy porosity, no show, some white Chert.

Shale: dk gray.

LANSING-KANSAS CITY 4194' (-1372')

Limestone: tan & off white, fn-xln, compact, some white chalk, some white Chert.

Limestone: off white, fn-xln, oolitic, poor porosity, much white chalk, some Chert.

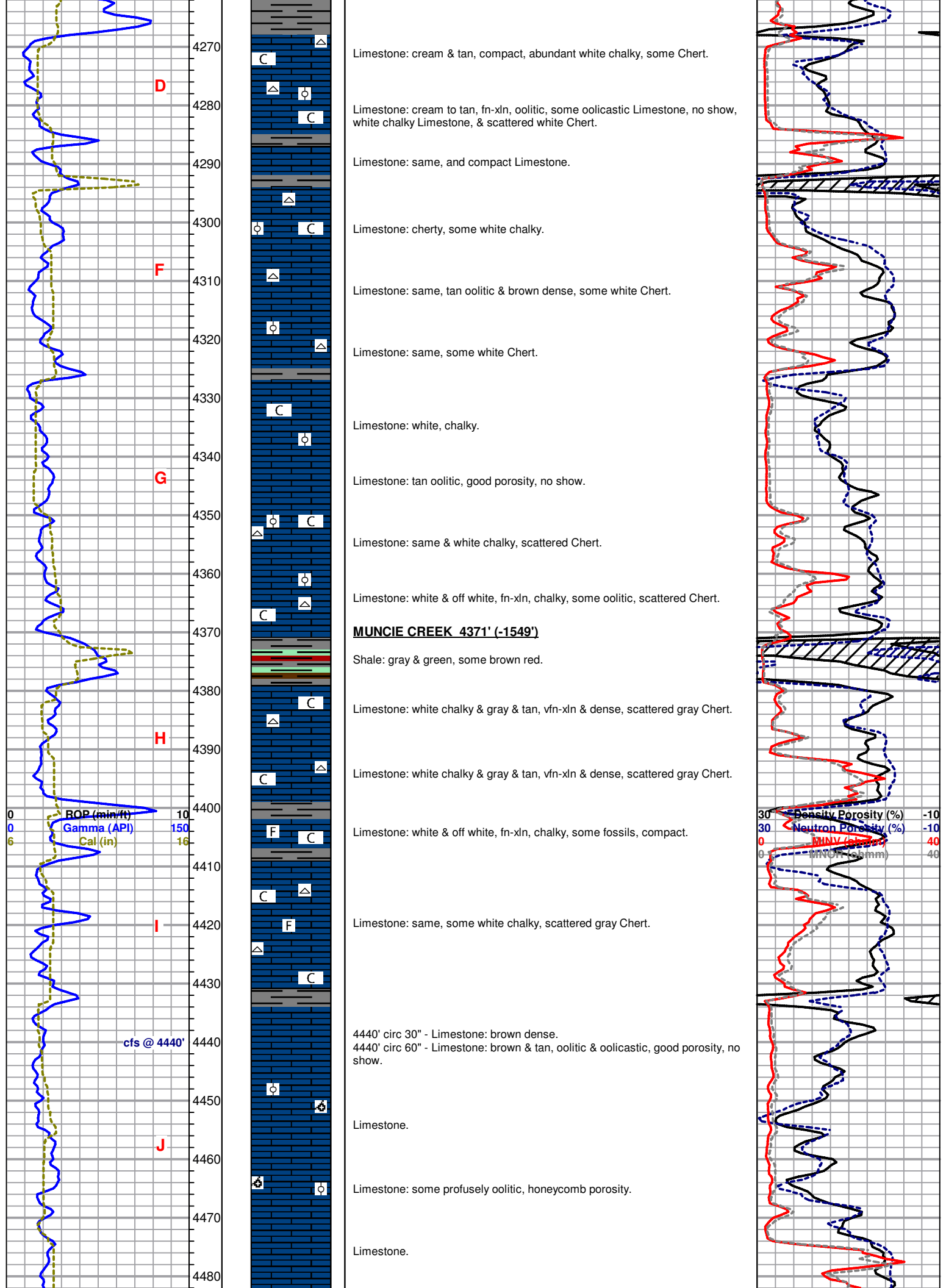
Limestone: same, some fair-good tiny vug porosity, no show.

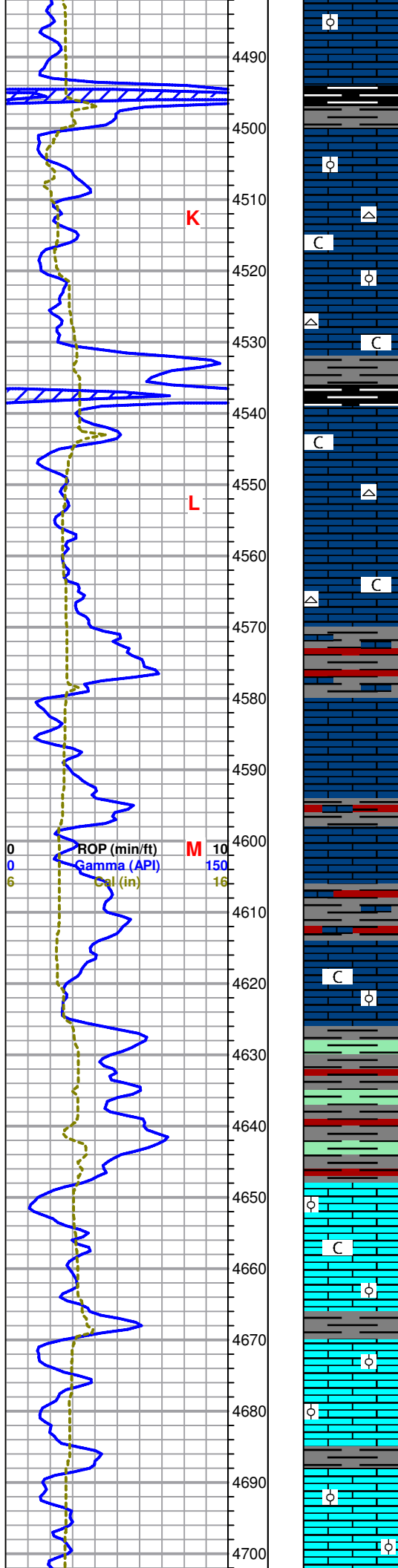
Limestone: tan oolitic, same.

Limestone: same, with sub-oolitic porosity, no show.

Limestone: same, and Limestone: cream to tan, fn-xln, compact, and lt gray Chert.







Limestone: brown, dense, compact.

STARK 4494' (-1672')

Shale: black, carbonaceous, some gray.

Limestone: buff & white, fn-xln, oolitic, compact.

Limestone: same, no visible porosity, abundant white chalky Limestone, scattered gray Chert.

HUSHPUCKNEY 4536' (-1714')

Shale: gray some black, carbonaceous.

Limestone: lt gray to off white, fn-xln, scattered oolitic compact, some white chalky Limestone, scattered Chert.

Limestone: same, & tan dense Limestone, moderate Chert.

Shale: gray & red, some Limestone.

Limestone: same, more tan dense Limestone.

Limestone: same, with Shale: gray & red.

Shale: gray & red.

Limestone: brown dense & white, fn-xln, oolitic and chalky.

BASE KANSAS CITY 4626' (-1804')

Shale: gray dk gray green & red.

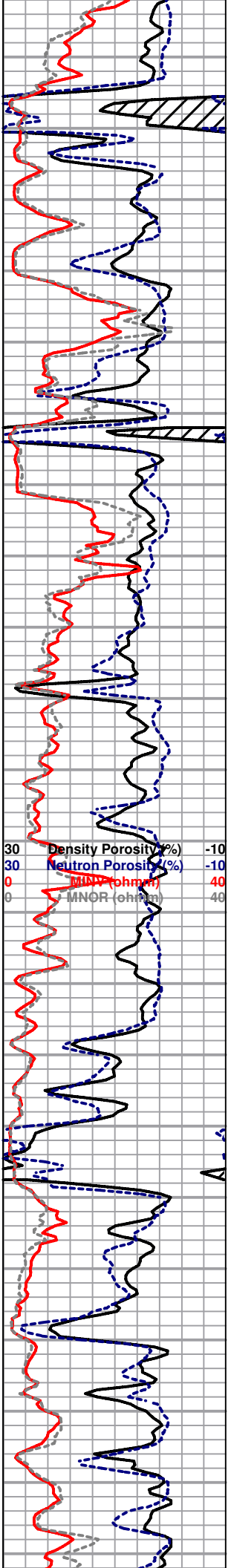
MARMATON 4648' (-1826')

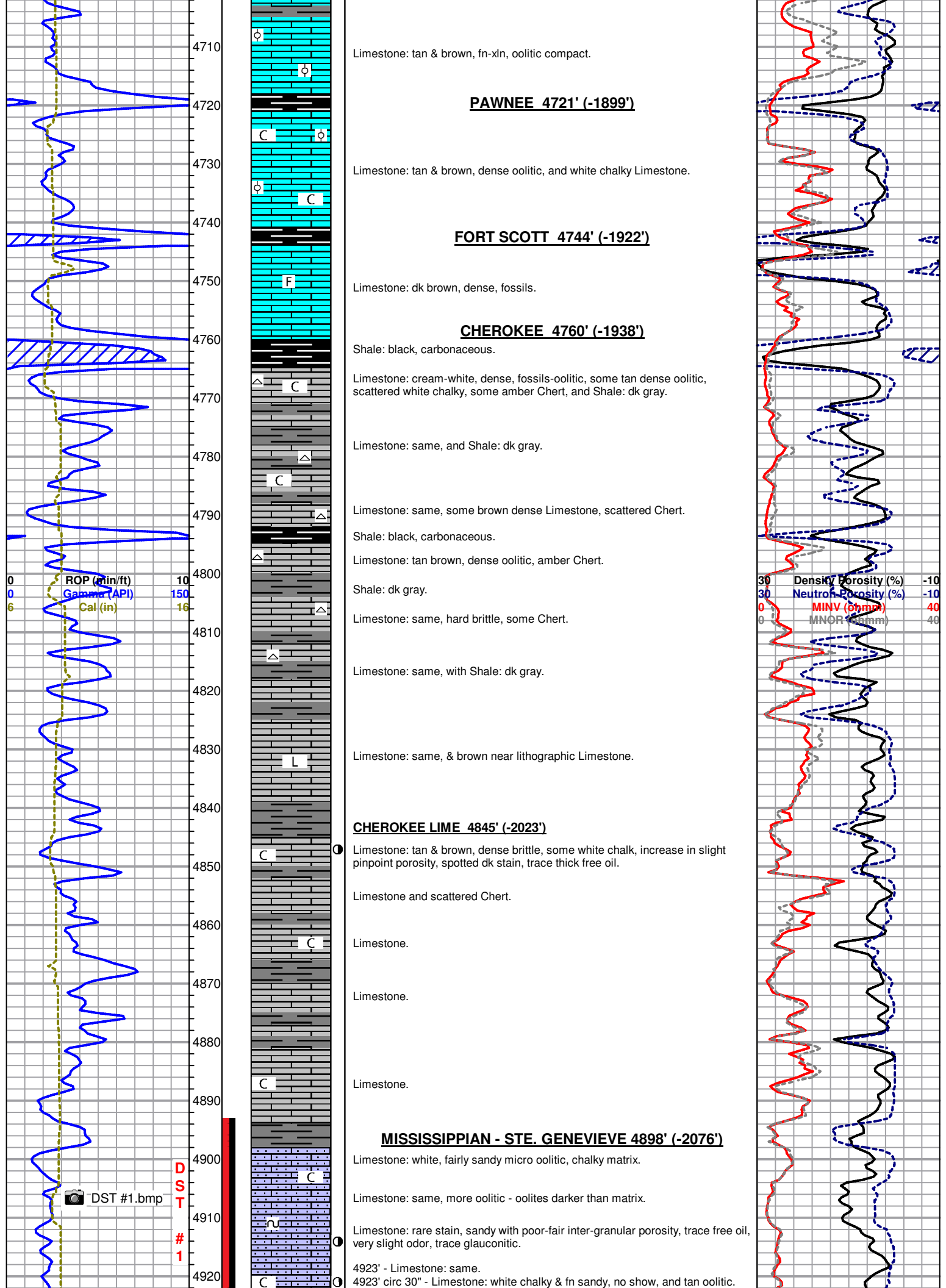
Limestone: tan & brown, dense, and white chalky Limestone.

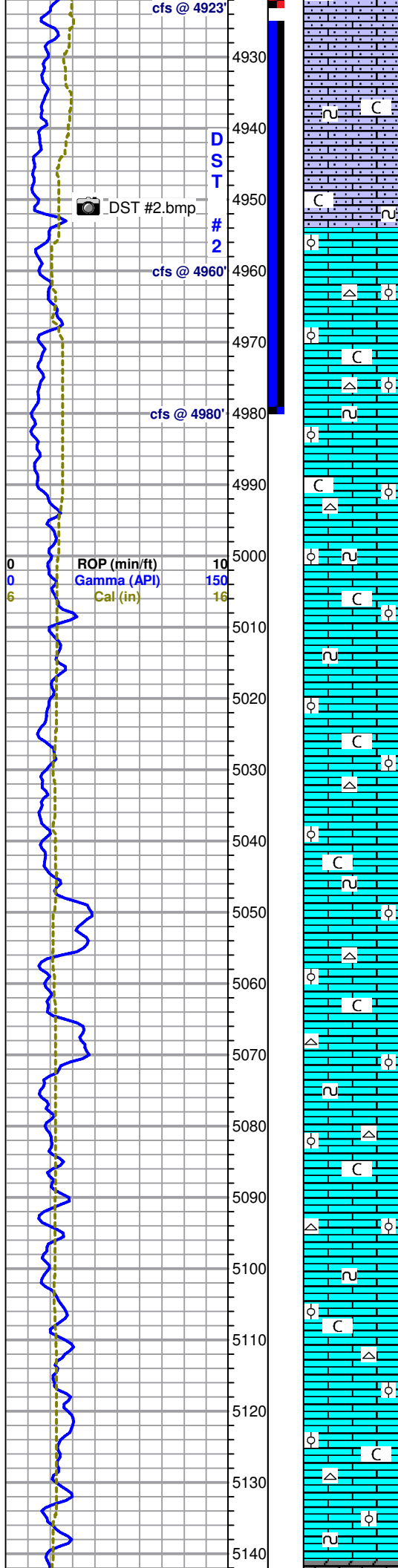
Limestone: increase brown dense & buff, oolitic compact.

Limestone: same, and tan oolitic dense Limestone.

Limestone: same, and tan oolitic dense.







4923' circ 60" - Limestone: same, trace more with stain.

Limestone: buff & tan, med size oolitic to sandy, med sand studded, some white fn sandy, chalky, some glauconitic.

Limestone: same, lots of white chalk.

Limestone: tan, med & slightly coarse oolitic, very slightly glauconitic, compact, with Chert: off white gray and pink, no visible porosity, no show.

ST. LOUIS 4954' (-2132')

4960' circ 30" - Limestone: tan, fn-med oolitic, fair interoolitic porosity, good dark stain, show free oil.

4960' circ 60" - Limestone: increase same, increase to good show free oil, spotted brown stain.

Limestone: oolitic, compact, with Chert: gray.

Limestone: off white, fn sandy to fine oolitic & tan med oolitic, coarse sand studded, dense, scattered Chert.

4980' circ 30" - Limestone: whit tan buff, fn-med oolitic, poor sand studded, very slightly glauconitic, slightly chalky matrix, scattered white Chert.
4980' circ 60"/90" - same.

Limestone: brown off white, fn-med oolitic, some sparsely med sand studded, very slightly glauconitic, oolites are darker than matrix, some white chalky,

Limestone: same, matrix chalky in part.

Limestone: same.

Limestone: same.

Limestone: same, trace Chert.

Limestone: same, and streaks fine sandy Limestone.

Limestone: same, matrix more chalky, slight increase in Chert.

Limestone: same, moderate chalky matrix, moderate Chert.

Limestone: same.

Limestone: same, rate dense tan Limestone, scattered Chert.

Limestone: lot of brown & tan, oolitic, med oolites, some dense, scattered Chert.

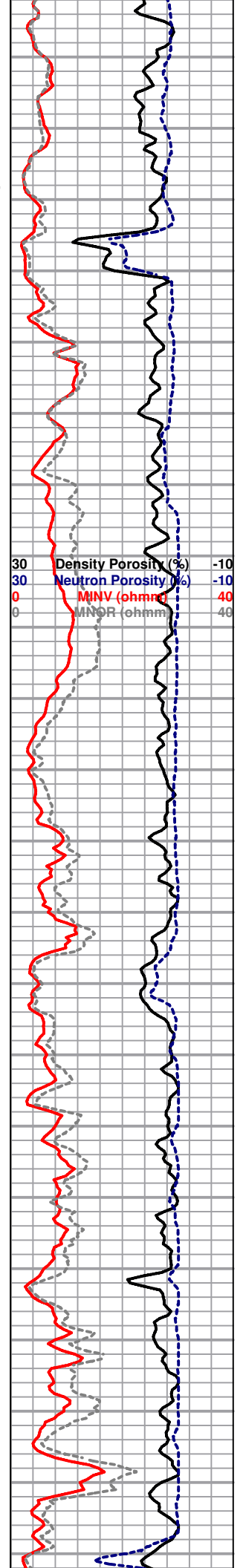
Limestone: same.

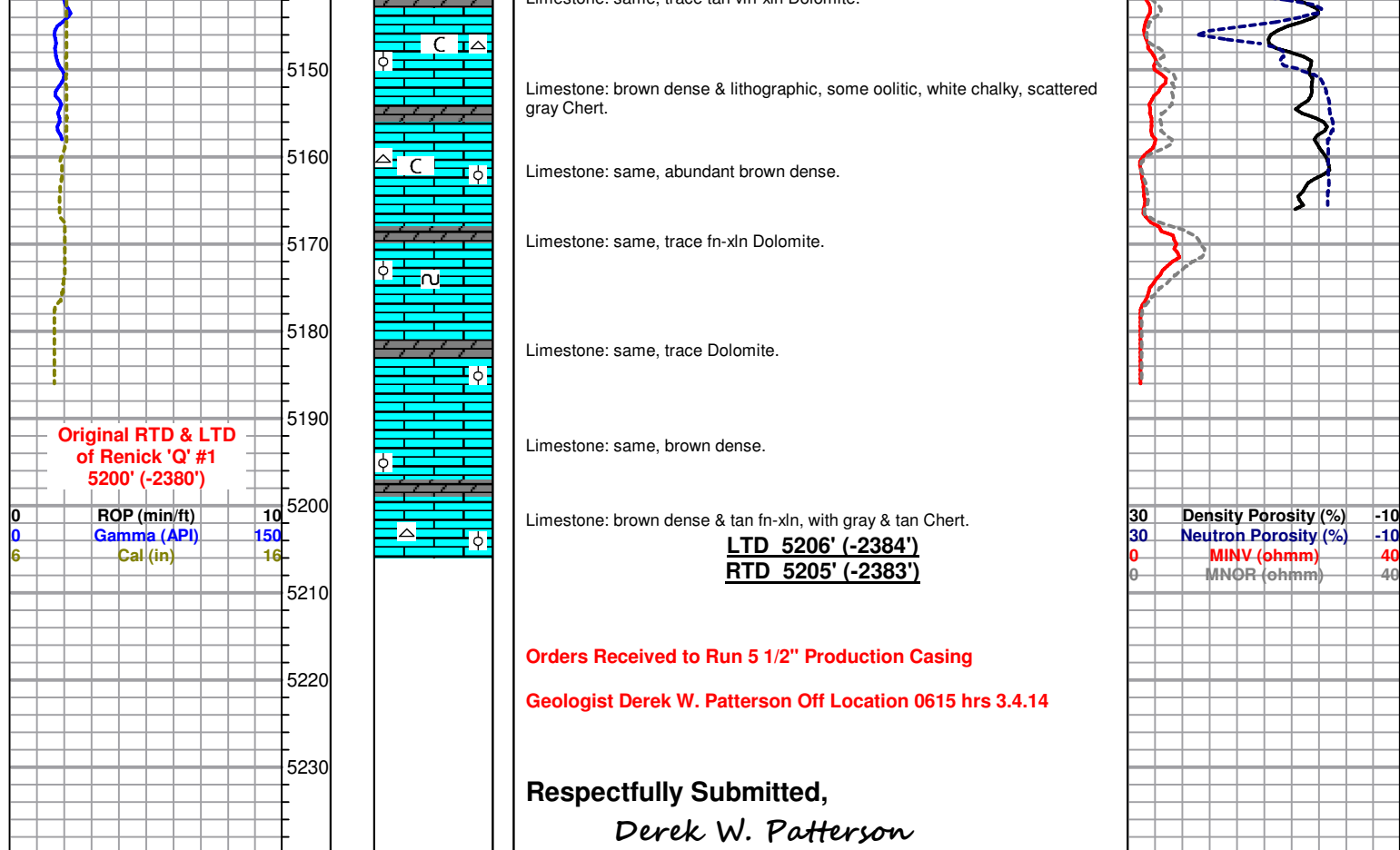
Limestone: same, with brown lithographic, scattered Chert.

Limestone: same.

Limestone: same, and white chalky Limestone, scattered Chert.

Limestone: same, trace tan vfn-xln Dolomite





FLUID SAMPLE DATA				Date 7-9-81		Ticket Number 197078	
Sampler Pressure 25 P.S.I.G. at Surface				Kind of D.S.T. OPEN HOLE		Halliburton Location LIBERAL	
Recovery: Cu. Ft. Gas .002				Tester SMITH		Witness MUELLER	
cc. Oil _____				Drilling Contractor SLAWSON DRILLING COMPANY NM			
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud 2220				Formation Tested _____			
Tot. Liquid cc 2220				Elevation _____ Ft.			
Gravity _____ ° API @ _____ °F.				Net Productive Interval 4893' - 4923' - (30') Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY				Total Depth 4923' Ft.			
CHLORIDE CONTENT				Main Hole/Casing Size 7 7/8"			
Recovery Water .47 @ 78 °F. 8173.8 ppm				Drill Collar Length 433' I.D. 2.25"			
Recovery Mud _____ @ _____ °F. _____ ppm				Drill Pipe Length 4520' I.D. 3.826"			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Packer Depth(s) 4893' Ft.			
Mud Pit Sample _____ @ _____ °F. _____ ppm				Depth Tester Valve 4872' Ft.			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm							
Mud Weight 9.2 vis 37 sec.							
TYPE CUSHION		AMOUNT NONE		Depth Back Pres. Valve NONE		Surface Choke 1/4"	
						Bottom Choke 3/4"	
Recovered 30'		Feet of drilling mud					
Recovered _____		Feet of _____					
Recovered _____		Feet of _____					
Recovered _____		Feet of _____					
Recovered _____		Feet of _____					
Remarks SEE PRODUCTION TEST DATA SHEET...							
TEMPERATURE		Gauge No. 6773		Gauge No. 6772		Gauge No. _____	
Depth: 4878' Ft.		Depth: 4920' Ft.		Depth: _____ Ft.		TIME (00:00-24:00 hrs.)	
12 Hour Clock		12 Hour Clock		Hour Clock		Tool	
Est. C-110 °F.		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic -		2295.3		2263.7		2306.9	
First Period Flow Initial -		18.5		29.5		33.8	
Final -		18.5		29.5		35.2	
Closed in -		480.0		529.2		521.8	
Second Period Flow Initial -		45.7		29.5		48.5	
Final -		27.1		29.5		39.7	
Closed in -		152.8		176.5		177.9	
Third Period Flow Initial -							
Final -							
Closed in -							
Final Hydrostatic -		2268.3		2263.7		2282.4	

Legal Location
Sec. - Twp. - Rng.

19 - 25 - 29

Field Area
S.E. GARDEN

County

GRAY

State

KANSAS

RENNICK
Lease NameQ-1
Well No.1
Test No.4893' - 4923'
Tested IntervalDONALD C. SLAWSON
Lease Owner/Company Name

FLUID SAMPLE DATA				Date 7-9-81		Ticket Number 197079	
Sampler Pressure <u>80</u> P.S.I.G. at Surface Recovery: Cu. Ft. Gas <u>2.5</u> cc. Oil <u>1500</u> cc. Water _____ cc. Mud <u>50</u> Tot. Liquid cc. <u>1550</u> Gravity <u>28.7</u> ° API @ <u>60</u> °F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of D.S.T. <u>OPEN HOLE</u>		Halliburton Location <u>LIBERAL</u>	
				Tester <u>E. SMITH</u>		Witness _____	
				Drilling Contractor <u>SLAWSON DRILLING</u>		PW	
EQUIPMENT & HOLE DATA							
				Formation Tested <u>Mississippi</u>			
				Elevation <u>2820'</u>		Ft.	
				Net Productive Interval _____		Ft.	
				All Depths Measured From <u>Kelly Bushing</u>			
				Total Depth <u>4980'</u>		Ft.	
				Main Hole/Casing Size <u>7 7/8"</u>			
				Drill Collar Length <u>433'</u>		I.D. <u>2.25"</u>	
				Drill Pipe Length <u>4460'</u>		I.D. <u>3.826"</u>	
				Packer Depth(s) <u>4925'</u>		Ft.	
				Depth Tester Valve <u>4905'</u>		Ft.	
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion				Ft.		1/4" Bottom Choke 3/4"	
Recovered		414 Feet of gas					
Recovered		144 Feet of oil and gas cut mud.					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks - SEE PRODUCTION TEST DATA SHEET -							
TEMPERATURE		Gauge No. 6773		Gauge No. 6772		Gauge No.	
		Depth: 4910 Ft.		Depth: 4977 Ft.		Depth: Ft.	
		12 Hour Clock		12 Hour Clock		Hour Clock	
Est. °F.		Blanked Off No		Blanked Off Yes		Blanked Off	
Actual °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		2283.8		2263.7		2318.3	
First Period Flow Initial		9.6		29.5		42.8	
Final		31.7		58.9		69.3	
Closed in		1005.8		1024.6		1055.5	
Second Period Flow Initial		80.6		73.6		96.0	
Final		59.7		88.3		99.3	
Closed in		806.8		820.7		856.4	
Third Period Flow Initial							
Final		* = See attached incremental reading sheet.....					
Closed in							
Final Hydrostatic		2283.8		2292.6		2318.3	

Legal Location
Sec. - Twp. - Rng.

19 - 25 - 29

Field Area

Med. From Tester Valve

County

GRAY

State KANSAS

RENICK

Lease Name

0-1

Well No.

2

Test No.

4925' - 4980'

Tested Interval

DONALD C. SLAWSON

Lease Owner/Company Name



1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 04806 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>2/27/14</u> DISTRICT <u>1717</u>		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:								
CUSTOMER <u>Lasso Energy</u>		LEASE <u>Ranick</u> <u>2</u>		WELL NO.						
ADDRESS		COUNTY <u>Gray</u>		STATE <u>KS</u>						
CITY		STATE		SERVICE CREW <u>Tommy, Edgar, Mario, Fjev</u>						
AUTHORIZED BY <u>TJCP</u>		JOB TYPE: <u>242</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>75939</u>	<u>17</u>									<u>3:00</u>
<u>3928 37726</u>	<u>17</u>					ARRIVED AT JOB				<u>5:30</u>
<u>30463 19566</u>	<u>9</u>					START OPERATION				<u>7:52</u>
<u>30464 37547</u>	<u>17</u>					FINISH OPERATION				<u>9:52</u>
<u>38111 37724</u>	<u>2</u>					RELEASED				<u>10:30</u>
						MILES FROM STATION TO WELL				<u>45</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	A-Con Blend	SK	455		
CL110	Premium Plus	SK	150		
CC109	Calcium Chloride	Lb	282		
CC102	Celloflake	Lb	38		
CF1453	Flapper Float Valve	EA	1		
CF4556	Cement Basket				
CF4556	Cement Basket	EA	1		
CF4405	Centralizer	EA	3		
CF105	Top Plug	EA	1		
E101	Heavy Equip Mileage	Mi	170		
CE240	Blending & Mixing Charge	SK	605		
E113	Bulk Delivery	TM	2418		
CE202	Depth Charge 1001' to 2000'	4hr	1		
CE504	Plug Container	Job	1		
E100	Pickup Mileage	Mi	85		
5003	Service Supervisor	EA	1		
T105	Cement Data	EA	1		

CHEMICAL / ACID DATA:			

SUB TOTAL 14924.15

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE <u>Chad Hinz</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	



Cement Report

[illegible]

Math
Customer Representative

Tony Beth
Station Manager

ITZ Chavez
Cementer Tayl



1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 04753 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>3-4-14</u> DISTRICT <u>1717</u>		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:				
CUSTOMER <u>Lasso Energy</u>		LEASE <u>Renick</u> # <u>2</u> WELL NO.				
ADDRESS		COUNTY <u>Gray</u> STATE <u>KS</u>				
CITY STATE		SERVICE CREW <u>J. Chavez, Sam, Ever</u>				
AUTHORIZED BY <u>Ben Burt</u>		JOB TYPE: <u>242 5 1/2 Log String</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>3-4-14</u> DATE <u>3-4-14</u> AM <u>PM</u> TIME <u>1200</u>
<u>78938</u>		<u>70897</u>				ARRIVED AT JOB <u>3-4-14</u> AM <u>PM</u> <u>300</u>
		<u>19570</u>				START OPERATION <u>3-4-14</u> AM <u>PM</u> <u>930</u>
						FINISH OPERATION <u>3-4-14</u> AM <u>PM</u> <u>1030</u>
						RELEASED <u>3-4-14</u> AM <u>PM</u> <u>1115</u>
						MILES FROM STATION TO WELL <u>85</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X Matt Burt
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL105	AA2 Cont	SK	300		
CL113	Gypsum	16	1410		
CL111	Salt	16	1600		
CC103	C-15	16	170		
CC105	C-41P	16	71		
CC201	Gilsonite	16	1500		
CF1451	Insert float Valve	CA	1		
CF251	Guide Shoe	CA	1		
CF4152	Controller 5V2	CA	10		
CF103	Rubber Plug	CA	1		
CF4552	Cont Basket	CA	1		
CC155	Super Flush II	gal	500		
CE501	Casing Sealant	CA	1		
E101	Heavy Equipment Mileage	mi	170		
CE240	Blending & Mixing Charge	SK	300		
E113	Bulk Delivery Charge	tm	11990		
CE7000	Depth Charge	4hrs	1		
CF504	Plug Cement Charge	job	1		
E100	Pickup Mileage	mi	85		

CHEMICAL / ACID DATA:

SUB TOTAL 13238 46

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE JJ Chavez

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X Matt Burt

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

LESSO RENICK #2

SURFACE TEMP: 70 DEG F MAX

K.B.: 8'

G.L. ELEVATION 2814' (SHL)

SLAWSON RENICK Q #1
50' NORTH OF LESSO RENICK #2

SET TOP CLPG 12" AGL

5 1/2" X 2 3/8"
TUBING HEAD

12 1/4" HOLE SIZE

1785'

1896'

4705.29'

7 7/8" HOLE SIZE

4721.64'

NO TUBING SUBS

8 5/8" 23 LB/FT SURFACE CASING
44 JOINTS TALLY 1774'
SET AT 1785' (DRILL 12 1/4" DIA. BIT)

TOP OF ANHYDRITE AT
BOP ATTACHES TO 8 5/8" CASING
10 3/4" RING ON BRADEN HEAD
CEMENT TO SURFACE WITH 705 SACKS EST. - CIRCULATED
PLUG DOWN AT 0950 HRS 02/27/2014 - BASIC ENERGY SERVICES
455 SACKS COMMON A AND 150 SACKS PRE PLUS EST.

2 3/8" PRODUCTION TUBING
4.6 LB/FT API J55 UPSET NEW
149 JOINTS TOTAL = 4705.29
31.5791' PER JT. AVG.

5.5" PRODUCTION CASING
123 JOINTS = 5157.89' SET AT 5157' KB
17.00 LB/FT
(DRILL 7 7/8" DIA. BIT - HOLE)

3720' TOP OF CEMENT (TOC)

270 SACKS (AA-2)
SEE CEMENT TICKETS/PROPOSAL
2230 HRS 03/04/2014

2 7/8" STANDARD TUBING COUPLING
2 7/8" STANDARD SEATING NIPPLE
2 7/8" STANDARD TUBING COUPLING
2 7/8" X 15' PERFORATED MUD ANCHOR

CHEROKEE PERFORATIONS

4826'-4840' (14') 4 SPF (56 HOLES)
4845'-4849' (4') 4 SPF (16 HOLES)
4852'-4858' (6') 1 SPF (7 HOLES)
4860'-4864' (4') 4 SPF (16 HOLES)
4870'-4876' (6') 1 SPF (7 HOLES)
4882'-4892' (10') 1 SPF (11 HOLES)

MISSISSIPPIAN PERFORATIONS

4904'-4910' (6') 4 SPF (24 HOLES)

5 1/2" CIBP SET AT 4935'

ST. LOUIS PERFORATIONS

4954'-4960' (6') 4 SPF (24 HOLES)

9.25 DEG DEV.
NOT TO SCALE

NOTES:

PUMPING UNIT: C - 160 - 240 - 74 (74" SURFACE STROKE)
CONVENTIONAL NATIONAL UNIT
50 HP ELECTRIC MOTOR WITH 50 HP SPOCC VFD
VFD INSTALLED
RUN TIME: 24 HRS PER DAY
1.25" X 22' POLISHED ROD WITH LINER ASSEMBLY
1.50" HARD FACED POLISHED ROD LINER X 10'
4' PONY RODS ON TOP (7/8" GRADE N97)
1.50" X 16' HARD LINED POLISHED ROD LINER WITH SEAL
(73) 1825' OF 7/8" GRADE N97 SUCKER RODS (TOP TAPER)
(111) 2775' OF 3/4" GRADE N97 SUCKER RODS
(2) 50' OF 1.5000" SINKER BARS ON BOTTOM
ONE 2' X 7/8" GRADE N97 PONY ROD ON BOTTOM (TOP OF PUMP)
SPEED RANGE: 4 TO 12 SPM (CURRENT SPEED 10 SPM)

TUBULARS

PURPOSE	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION	PROD. TUBING
SIZE	13 3/8"	8 5/8"		5 1/2"	2 3/8"
WEIGHT	NONE	2.946 PSIG	NONE	17.0 LB/FT	4.60 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	5.320 PSIG	7.700 PSIG
COLLAPSE	NONE	381.395 LBF	NONE	4.911 PSIG	8.096 PSIG
YIELD	NONE	1.434 PSIG	NONE	272.933 LBF	71.733 LBF
CAPACITY	NONE	0.064 BBL/FT	NONE	0.023 BBL/FT	0.004 BBL/FT
THICKNESS	NONE	0.2640"	NONE	0.3040"	0.1900"
ID	NONE	8.0970"	NONE	4.8920"	1.995"
DRIFT ID	NONE	7.9720"	NONE	4.7670"	1.901"
AREA	NONE	51.49 IN2	NONE	18.80 IN2	1.304 IN2
SETTING DEPTH	NONE	1774'	NONE	5.158'	4990' TO PUMP
LENGTH	NONE	1774'	NONE	5.158'	NEED 5129'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS

DATE	03/04/2014
APPROVED BY	B. KELSO
API No.	15069204600000
GL ELEVATION	2814'
KB	8'
KB ELEVATION	2822'
RIG	FOSSIL

GUN OWEN 4000-317
0.450" DIA.
36.0" PEN.

DOWN HOLE SUCKER ROD PUMP:

2.0000" RWT INSERT PUMP (2.5 X 2 X 16) (130" MAX STROKE)
PUMP LENGTH: 16' (NICARD AND SS)
BOTTOM HOLD DOWN TYPE
TRAVELING BARREL
2' X 7/8" (N97) PONY ROD ON TOP OF PUMP
8" GAS SEPARATOR ON THE BOTTOM
PUMP INTAKE DEPTH: 4715'
PUMP IS SETTING 112.36' ABOVE PERFORATIONS AFTER FRAC

PBTD: 5129' MD
RTD: 5206' MD
LTD: 5206' MD

DOWNHOLE TEMP: 135 DEG F (EST.)

RENICK #2

GRAY COUNTY, KANSAS

30-T25S-R29W

SHL: 710 FNL, 2000 FEL

BHL: 731 FNL, 1976 FEL

UNNAMED FIELD



Well Name: Lasso Renick 2
 County: Gray County, Kansas
 Formation Name: Cherokee and Mississippian

Report Date: 3/21/2014
 Design Date: March 21, 2014
 Location: 19-T25S-R29W

Fracture Simulation Options

Fracture Options:

1. Conventional 3D Model
2. Allow Fracture Growth at Shut-In
3. Proppant Settling
4. STIMPRO Acidizing Model
5. Use FIELDPRO low-viscosity fluid turbulent effects

Wellbore and Lithology Options:

1. Model Wellbore and Perforations
2. FIELDPRO FRACPRO Fluid Path Tubular Configuration (F7)
3. Run Fracture & Wellbore Models
4. Ignore Backstress Effects
5. STIMPRO Temperature Model
6. Lithology Based Reservoir
7. General Iteration
8. Vertical Fracture

Run from Job Schedule Data

Total Summary

Model has run until (min)	219.22 min	Max Surface Pressure (psi)	3234.51 psi
Min Surface Pressure (psi)	1983.66 psi	Average Hydraulic Power (hp)	4616.38 hp
Max Hydraulic Power (hp)	7126.28 hp	Total proppant (klbs)	340.27 klbs
Total fluid (bbls)	17567.68 bbls		

Run from Design Data Only

Summary for Fracture at 4826 (ft)

Fracture length (ft)	1029.56 ft	Propped length (ft)	1029.09 ft
Fracture upper height (ft)	155.63 ft	Propped upper height (ft)	154.59 ft
Fracture lower height (ft)	52.79 ft	Propped lower height (ft)	50.70 ft
Max width at well (in)	1.21 in	Proppant conc. in fracture (lb/ft2)	1.01 lb/ft2
Dimensionless Cond. Ratio	3.41	Fracture efficiency	0.13
Total fluid (bbls)	17456.28 bbls	Total proppant (klbs)	340.27 klbs

Dist. from Wellbore (ft)	0	128.69	257.39	386.08	514.78	643.47	772.17	900.86	1029.56
Width at Center (in)	1.21	1.20	1.17	1.12	1.04	0.94	0.80	0.58	0

Well Name: Lasso Renick 2
 County: Gray County, Kansas
 Formation Name: Cherokee and Mississippian

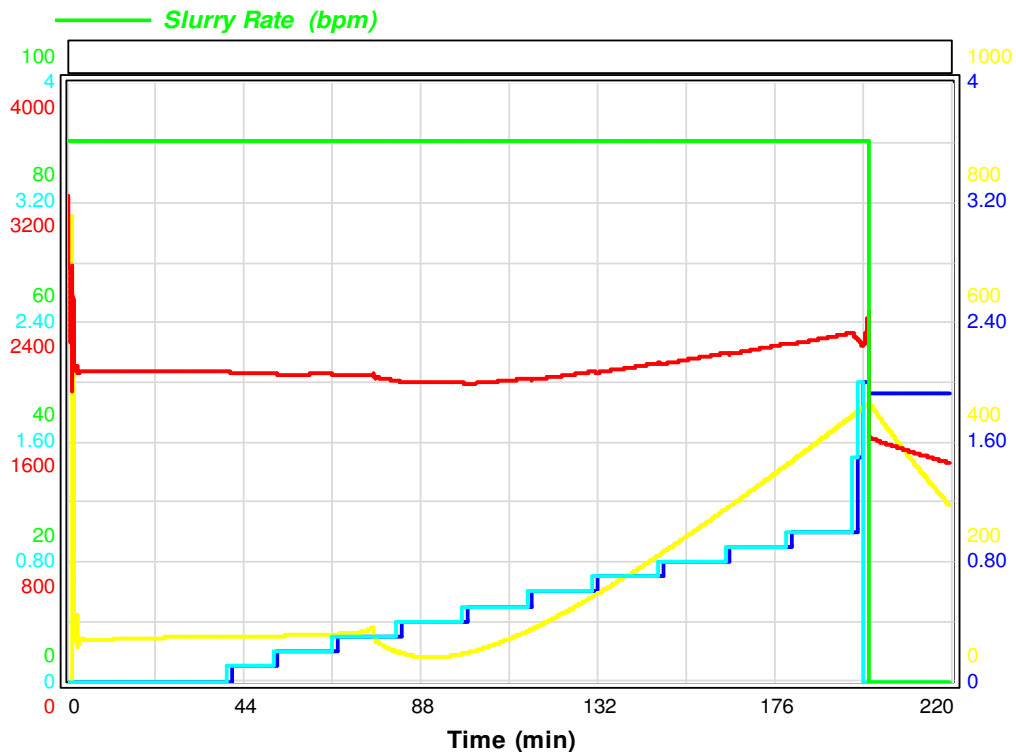
Report Date: 3/21/2014
 Design Date: March 21, 2014
 Location: 19-T25S-R29W

Proppant Concentration (lb/ft2)

Fracture at 4826 (ft)

Stage#	Length (ft)	Upper Ht (ft)	Lower Ht (ft)	Upper Conc (lb/ft2)	Lower Conc (lb/ft2)
1	Has Leaked Off				
2	Has Leaked Off				
3	Has Leaked Off				
4	Has Leaked Off				
5	1029.6	104.2	104.2	2.11	0.37
6	1011.1	103.3	101.4	3.18	1.18
7	988.1	102.6	97.4	2.09	1.63
8	950.3	102.5	89.8	1.31	2.17
9	883.9	102.1	76.8	1.03	3.11
10	787.7	101.5	58.0	0.94	4.64
11	669.8	101.5	34.1	0.91	1.80
12	515.2	101.5	2.8	0.93	0.99
13	195.9	36.8	2.8	1.56	0.93
14	144.4	26.4	2.8	1.63	1.34

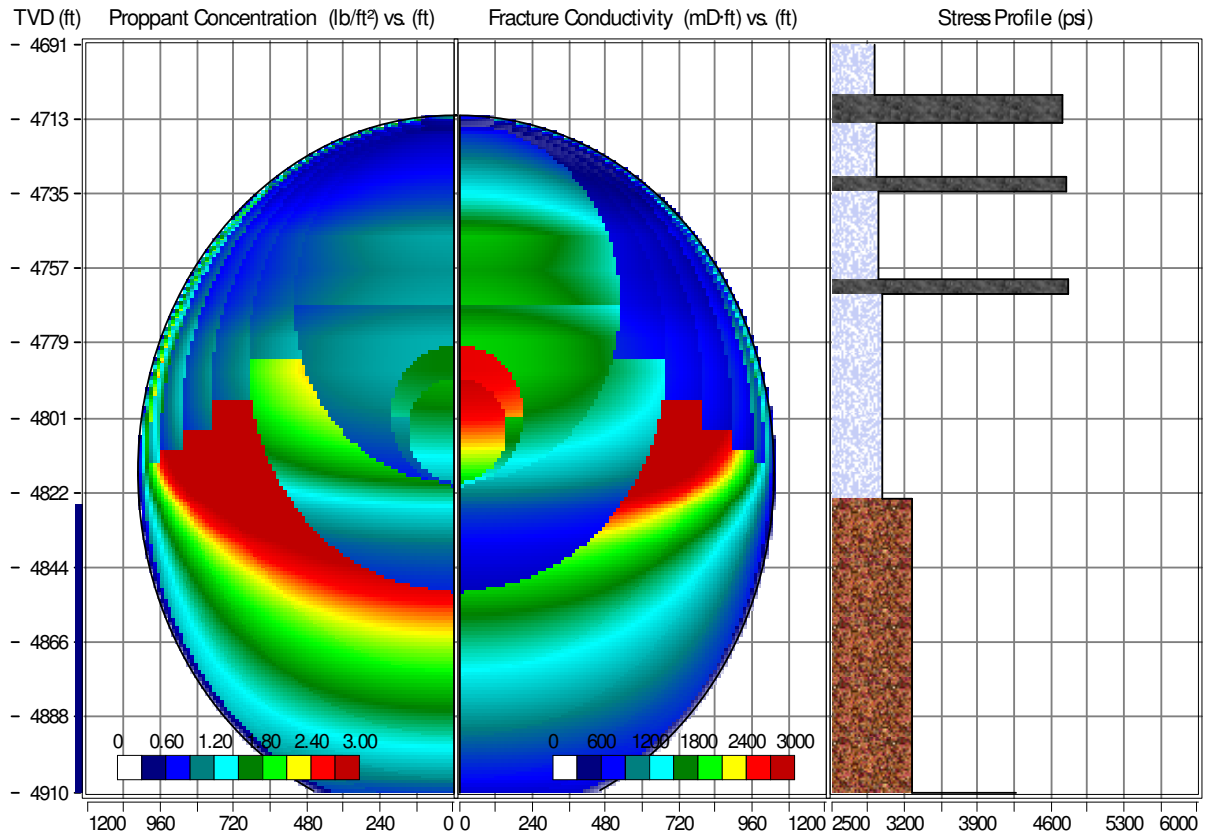
Renick #2
 Projected Pressures at Designed Rates



Well Name: Lasso Renick 2
County: Gray County, Kansas
Formation Name: Cherokee and Mississippian

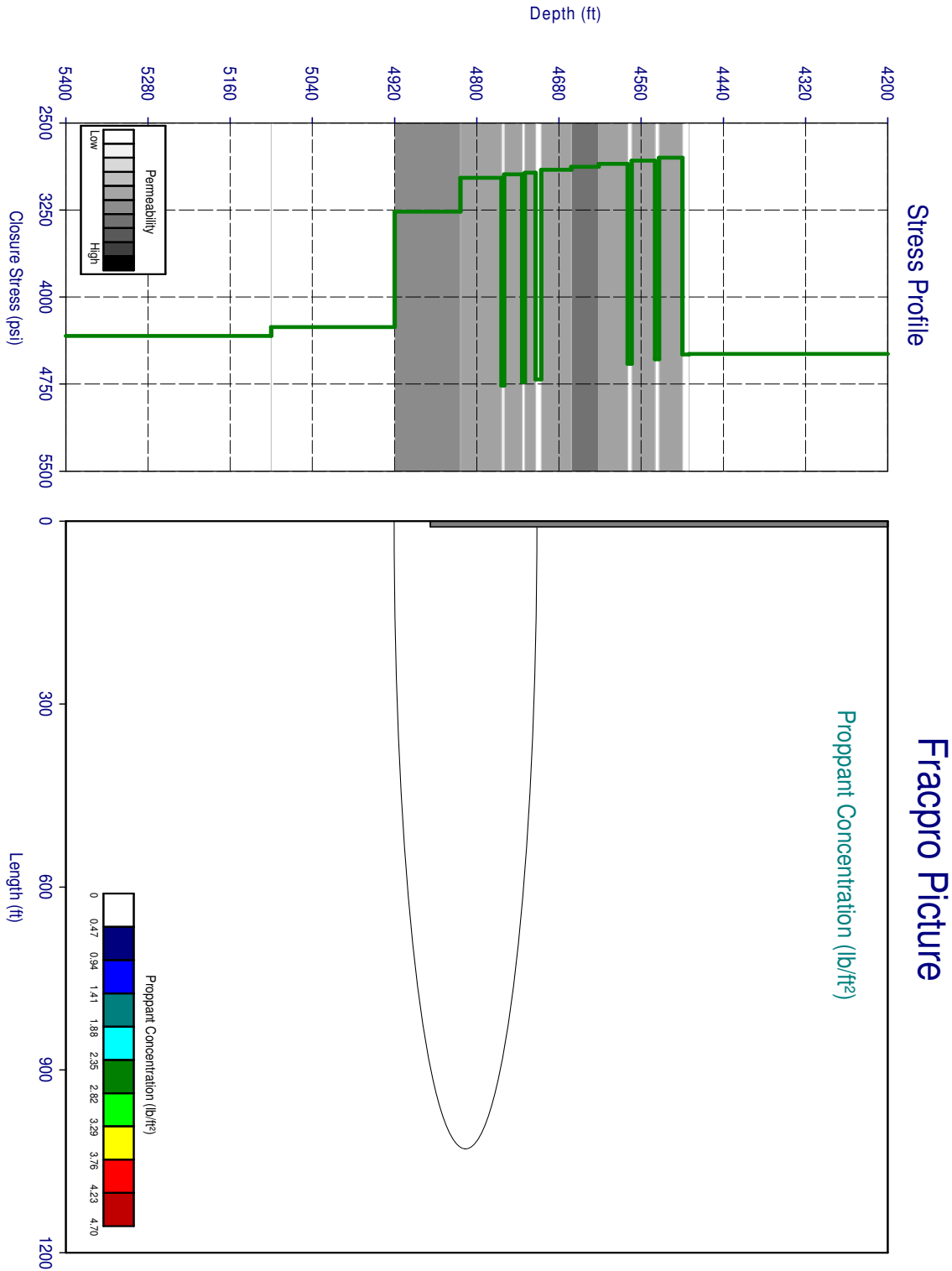
Report Date: 3/21/2014
Design Date: March 21, 2014
Location: 19-T25S-R29W

LASSO RENICK #2



Well Name: Lasso Renick 2
County: Gray County, Kansas
Formation Name: Cherokee and Mississippian

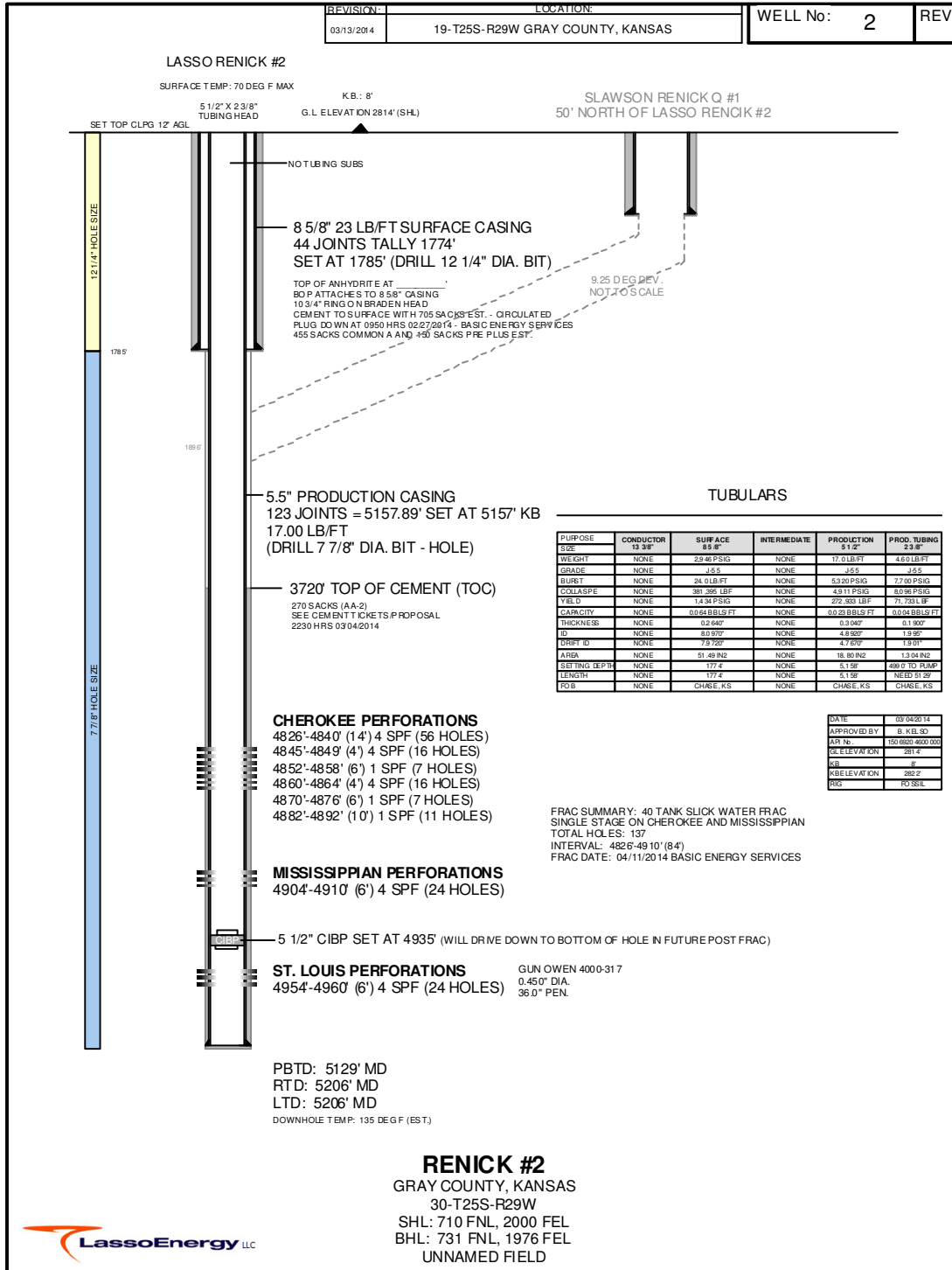
Report Date: 3/21/2014
Design Date: March 21, 2014
Location: 19-T25S-R29W



Well Name: Lasso Renick 2
County: Gray County, Kansas
Formation Name: Cherokee and Mississippian

Report Date: 3/21/2014
Design Date: March 21, 2014
Location: 19-T25S-R29W

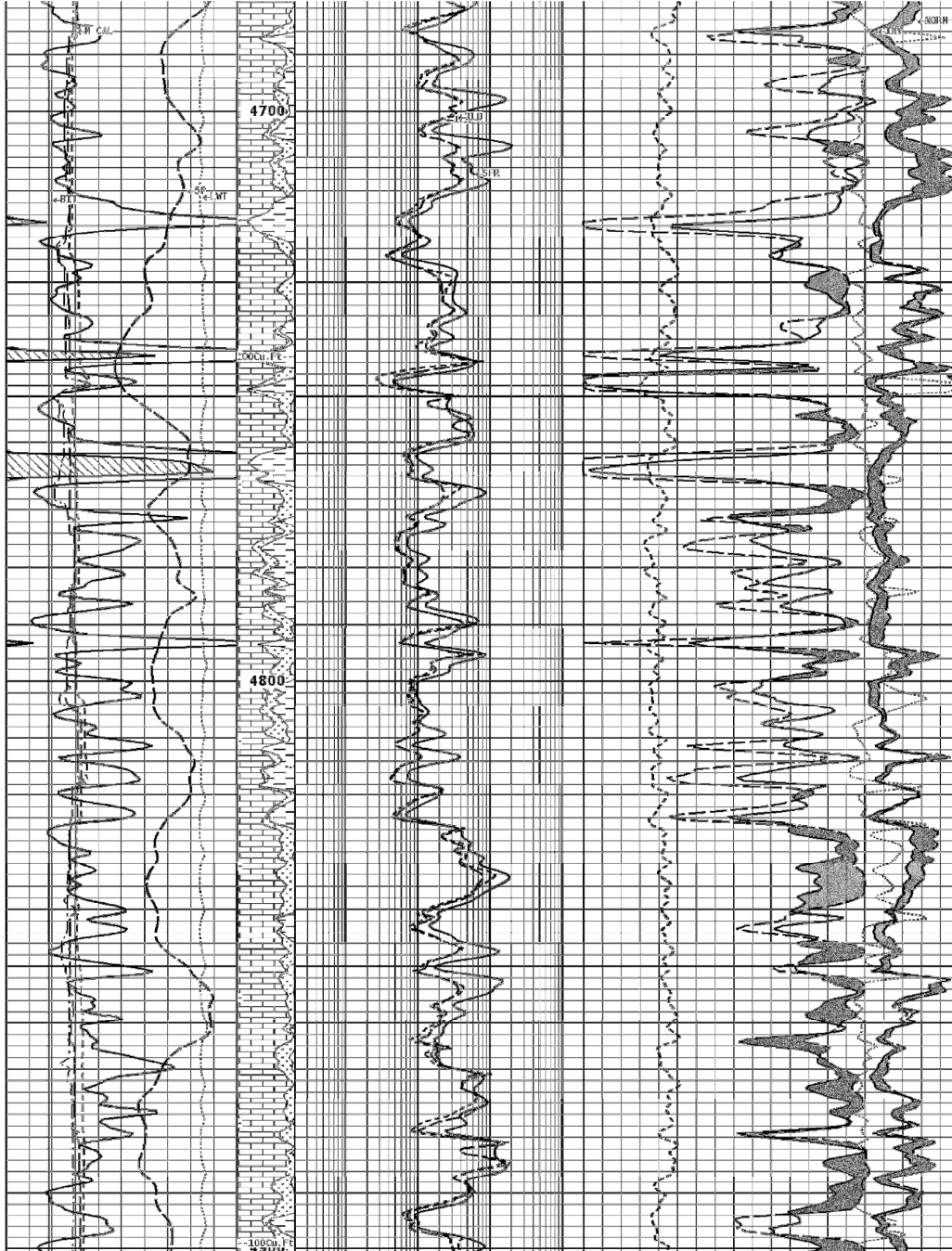
Current Renick #2 Wellbore



Well Name: Lasso Renick 2
County: Gray County, Kansas
Formation Name: Cherokee and Mississippian

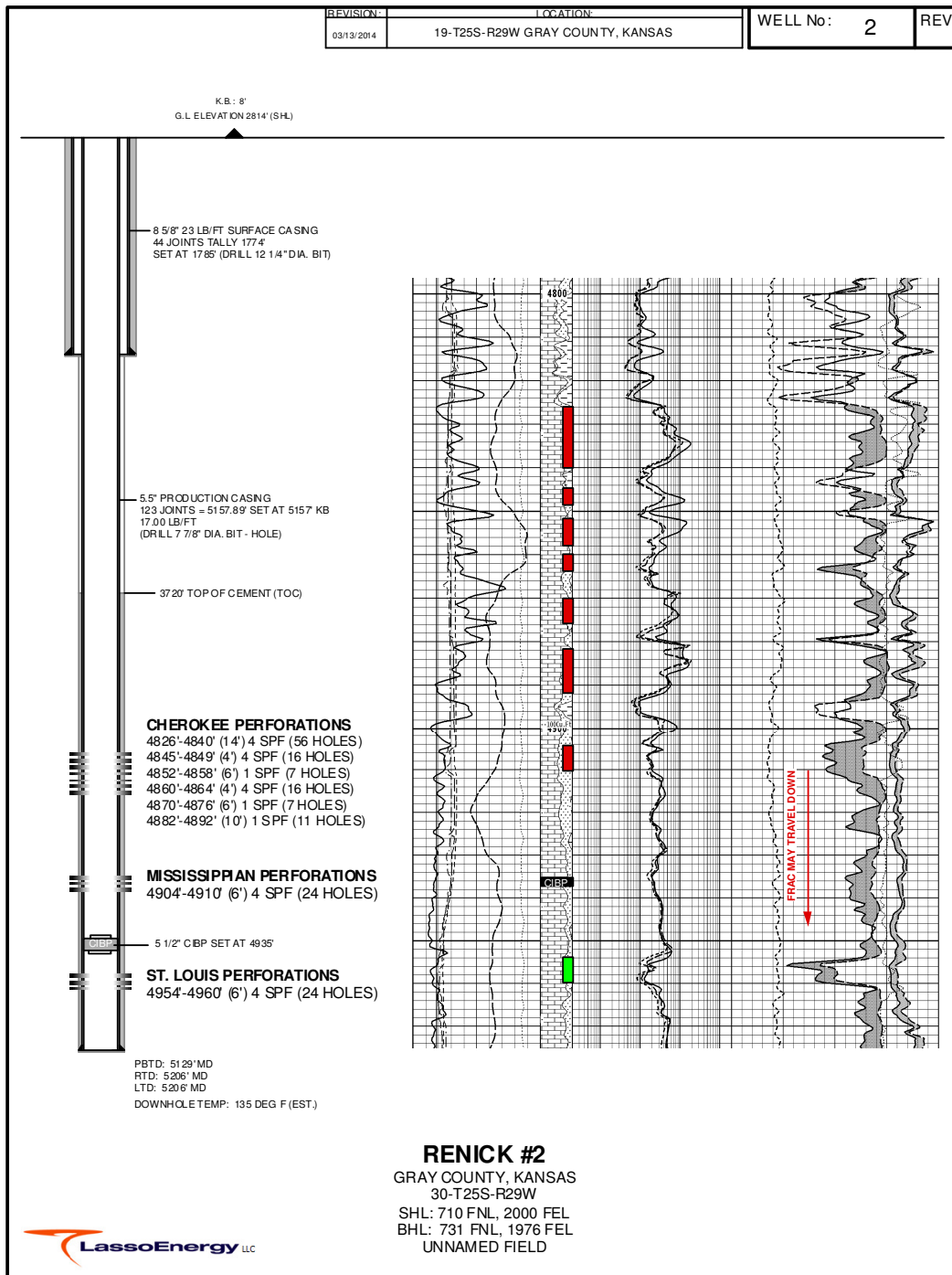
Report Date: 3/21/2014
Design Date: March 21, 2014
Location: 19-T25S-R29W

FRAC INTERVAL: 4826'-4910'



Well Name: Lasso Renick 2
County: Gray County, Kansas
Formation Name: Cherokee and Mississippian

Report Date: 3/21/2014
Design Date: March 21, 2014
Location: 19-T25S-R29W



HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Fracture Date:	4/11/2014
County:	Gray
Operator Name:	Lasso Energy LLC
Well Name and Number:	Renick #2 - Gray County, Kansas
Total Base Fluid Volume (gal)*:	739500

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0175118%
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025017%
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0125085%
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.0000000%
AMA-398	Chemplex	Biocide	Dazomet	533-74-4	98%	0.0005868%
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0014039%
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.5000000%
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60.00%	0.6000000%
Frac Sand	Uniman	Propanant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	19.3%



Date: 11-Apr-14

Well Name:	Location:	Customer Rep:	Field Order #		
RENICK #2	SEC 19-25S-29W	ANDREW SHIREMAN	10266A		
Stage:	Formation:	Treat Via:	Allowable Pressure Tbg Csg	Well Type:	
	MISS/CHER	CASING	2,500	OIL	
County:	State:	Well Age:	PackerType:	PackerDepth:	Csg Size:
GRAY	KS	NEW			5.5
Type Of Service:	40 TANK SLICKWATER FRAC	Csg Depth	Tbg Size:	Tbg Depth:	Liner Size:
Customer Name:	LASSO ENERGY	Liner Depth:	Liner Top:	Liner Bot:	Total Depth:
Address:		Open Hole:	Csg Vol:	BHT:	
			116.98		
Remarks:		Perf Depths:	Perfs:	TotalPerfs:	
		4826	4840	100	
		4845	4849		
		4852	4858		
		4860	4864		
		4870	4876		
		4882	4892		
		4904	4910		

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
10:24	0.0		3582		PSI TEST			
10:27	43.2		-5		ST PAD		15,000	3,571.0
10:28	32.8		563		HOLE LOADED			
10:34	32.8		967		INCREASE RATE			
10:36	60.5		949		INCREASE RATE			
10:38	89.8		1425		INCREASE RATE			
10:41	98.5		1614		INCREASE RATE			
11:11	98.5		1508		ST .1#	4,300	43,000	1,029.0
11:12	98.9		1500		ON BOTTOM			
11:21	98.9		1478		ST .2#	11,000	55,000	1,322.0
11:22	99.3		1475		ON BOTTOM			
11:34	99.0		1461		ST .3#	18,000	60,000	1,448.0
11:36	99.2		1452		ON BOTTOM			
11:49	98.7		1914		ST .4#	24,000	60,000	1,455.0
11:50	98.8		1867		ON BOTTOM			
12:04	98.8		1744		ST .5#	30,000	60,000	1,461.0
12:05	99.1		1719		ON BOTTOM			
12:19	98.8		1490		ST .6#	36,000	60,000	1,468.0
12:20	99.1		1479		ON BOTTOM			
12:33	99.3		1418		ST .7#	42,000	60,000	1,474.0
12:34	99.3		1416		ON BOTTOM			
12:48	99.1		1422		ST .8#	48,000	60,000	1,481.0
12:49	99.3		1422		ON BOTTOM			
13:03	99.1		1411		ST .9#	49,500	55,000	1,363.0

Customer Acknowledgement:	Service Rating:	Treater:	PRODUCTS USED
	☐ Satisfactory ☐ Unsatisfactory	JUSTIN BAILEY	

Customer <u>L1520 Energy</u>		Lease No.		Date <u>4/11/14</u>	
Lease <u>RENECK</u>		Well # <u>2</u>			
Field Order # <u>102667</u>	Station <u>PRATT, KS</u>	Casing <u>5 1/2</u>	Depth	County <u>GRAY</u>	State <u>KS</u>
Type Job <u>40 THICK SLICKWATER FRAC 1 STAGE</u>		Formation <u>17155/CHENEE</u>		Legal Description <u>19-255-29W</u>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <u>5 1/2 15.5</u>	Tubing Size	Shots/Ft	<u>137/16 LBS</u>	Acid	RATE	PRESS	ISIP <u>583</u>
Depth	Depth	From <u>4826</u>	To <u>4840</u>	Pre Pad	Max <u>99.4</u>	<u>1928</u>	5 Min. <u>519</u>
Volume <u>116.9</u>	Volume	From <u>4845</u>	To <u>4849</u>	Pad <u>150,000 GALLON SLICKWATER</u>	Min <u>98.3</u>	<u>1338</u>	10 Min. <u>498</u>
Max Press <u>2320</u>	Max Press	From <u>4852</u>	To <u>4858</u>	Frac <u>583,000 GALLON</u>	Avg <u>99</u>	<u>1450</u>	15 Min. <u>484</u>
Well Connection <u>5 1/2</u>	Annulus Vol.	From <u>4860</u>	To <u>4864</u>	SLICKWATER	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From <u>4870</u>	To <u>4876</u>	Flush <u>6,000 GALLON SLICKWATER</u>	Gas Volume		Total Load <u>17991</u>

Customer Representative <u>Bruce Kelso</u>		Station Manager <u>Kevin Gorman</u>		Treater <u>DAVE / BRADLEY / ANTHONY / JASON</u>	
Service Units <u>83334</u>	<u>38730</u>	<u>51183</u>	<u>15115</u>	<u>36242</u>	<u>32549</u>
Driver Names <u>J.W.</u>	<u>MARK</u>	<u>KALER</u>	<u>MELVIN</u>	<u>JOHN</u>	<u>CHUCK</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30am					ON LOCATION SAFETY MEETING AND SETUP
10:25	3586				PRIME UP AND PRESSURE TEST
10:28	0			42	START 150000 GALLON PAD
10:29	639		51	17.2	HOLE LOADED
10:34	964		150	32.8	ESTABLISH RATE
10:36	949		256	60.6	INCREASE RATE
10:38	1455		409	91	INCREASE RATE
10:41	11610		660	98.5	INCREASE RATE
11:11	1508		3541	98.7	START 43000 GALLON .1" 3/80
11:12	1499		3688	98.8	.1" 3/80 ON BOTTOM
11:21	1415		4600	98.9	START 55000 GALLON .2" 3/80
11:21	1473		4717	99.2	.2" 3/80 ON BOTTOM
11:35	1464		5921	98.9	START 60000 GALLON .3" 3/80
11:36	1453		6038	99	.3" 3/80 ON BOTTOM
11:49	1722		7369	98.9	START 60000 GALLON .4" 3/80
11:50	1319		7486	98.9	.4" 3/80 ON BOTTOM
12:04	1742		8821	99	START 60000 GALLON .5" 3/80
12:05	1715		8911	99	.5" 3/80 ON BOTTOM
12:19	1487		10285	98.8	START 60000 GALLON .6" 3/80
12:20	1478		10407	99	.6" 3/80 ON BOTTOM
12:34	1470		11753	99.3	START 60000 GALLON .7" 3/80
12:34	1416		11870	99.2	.7" 3/80 ON BOTTOM



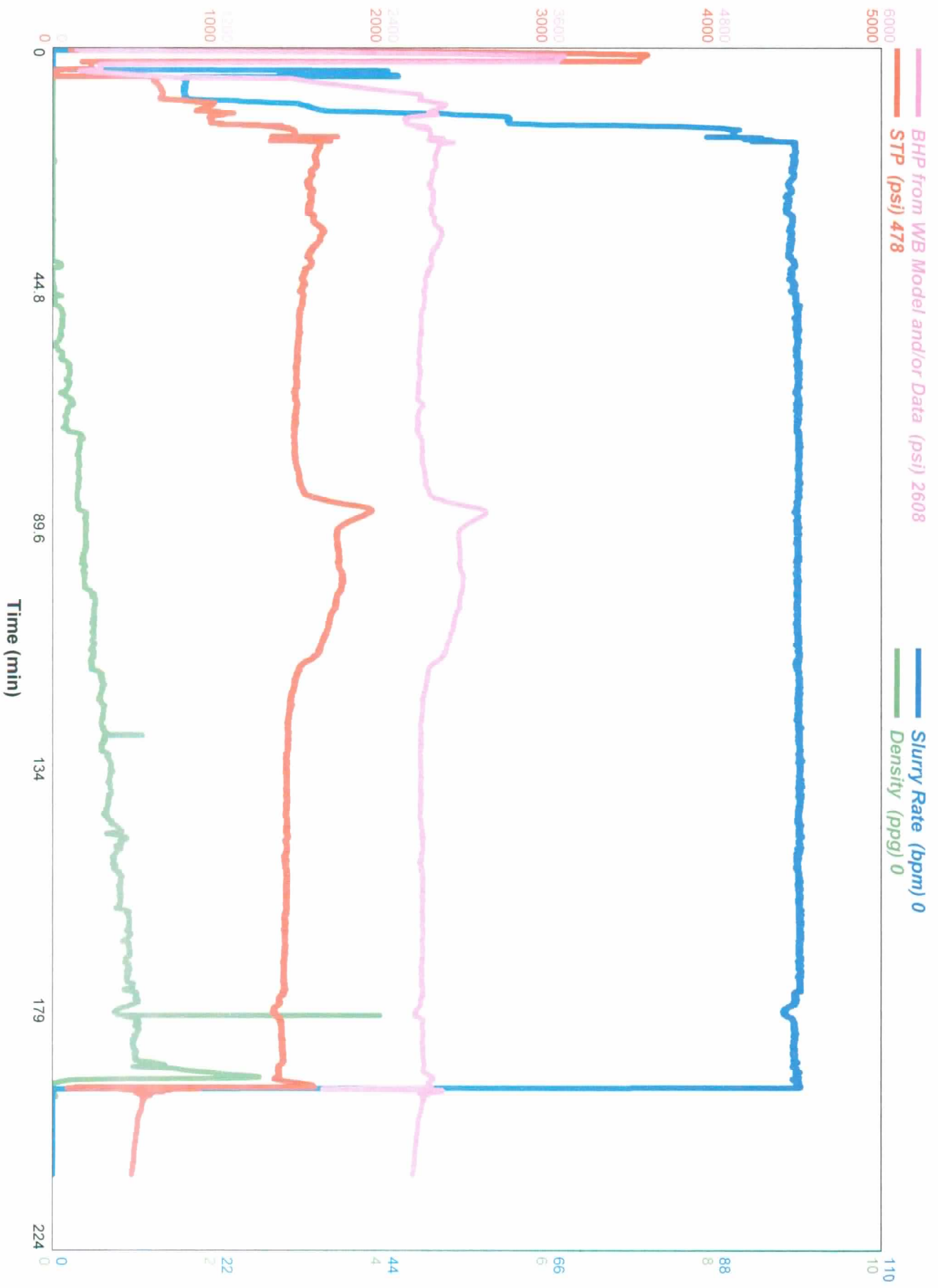
Customer <i>LASSO ENERGY</i>		Lease No. <i>1</i>		Date <i>4/11/14</i>	
Lease <i>RENNICK</i>		Well # <i>2</i>			
Field Order # <i>10266A</i>	Station <i>1001E, KS</i>	Casing <i>5 1/8</i>	Depth	County <i>GRAY</i>	State <i>KS</i>
Type Job <i>40 TANK SURFACED FURC</i>			Formation <i>11122222222222</i>	Legal Description <i>19-223-294</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2 15.5	Tubing Size	Shots/Ft	13 1/2 Hours	Acid	RATE	PRESS	ISIP 583
Depth	Depth	From 11822	To 4892	Pre Pad	Max 99.4	1928	5 Min. 519
Volume 1116.9	Volume	From 119014	To 4910	Pad 150000 GALLON SLICKWATER	Min 98.3	1338	10 Min. 498
Max Press 2500	Max Press	From	To	Frac 583000 GALLON	Avg 99	1450	15 Min. 484
Well Connection 5 1/2	Annulus Vol.	From	To	SLICKWATER	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 6500 GALLON SLICKWATER	Gas Volume		Total Load 17991

Customer Representative			Station Manager			Treater		
Service Units	5094 5096	1991 1992	1990 10128	1991 19948	19331	x-HAND		
Driver Names	SAKE	GALEY	EVIE	DAVE	TUP	MARIO	n1016 Rex	

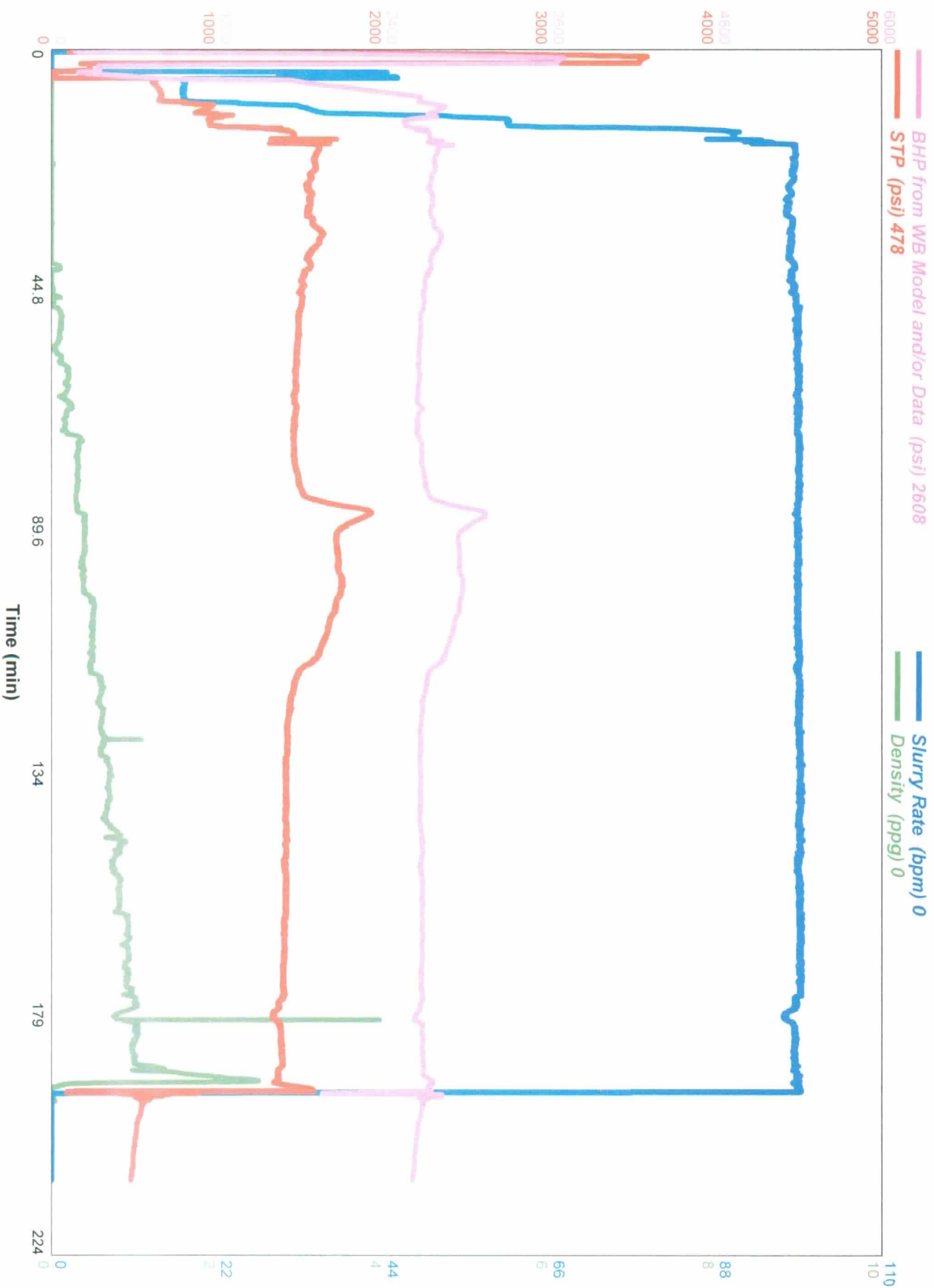
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Lasso Energy-Renick#2



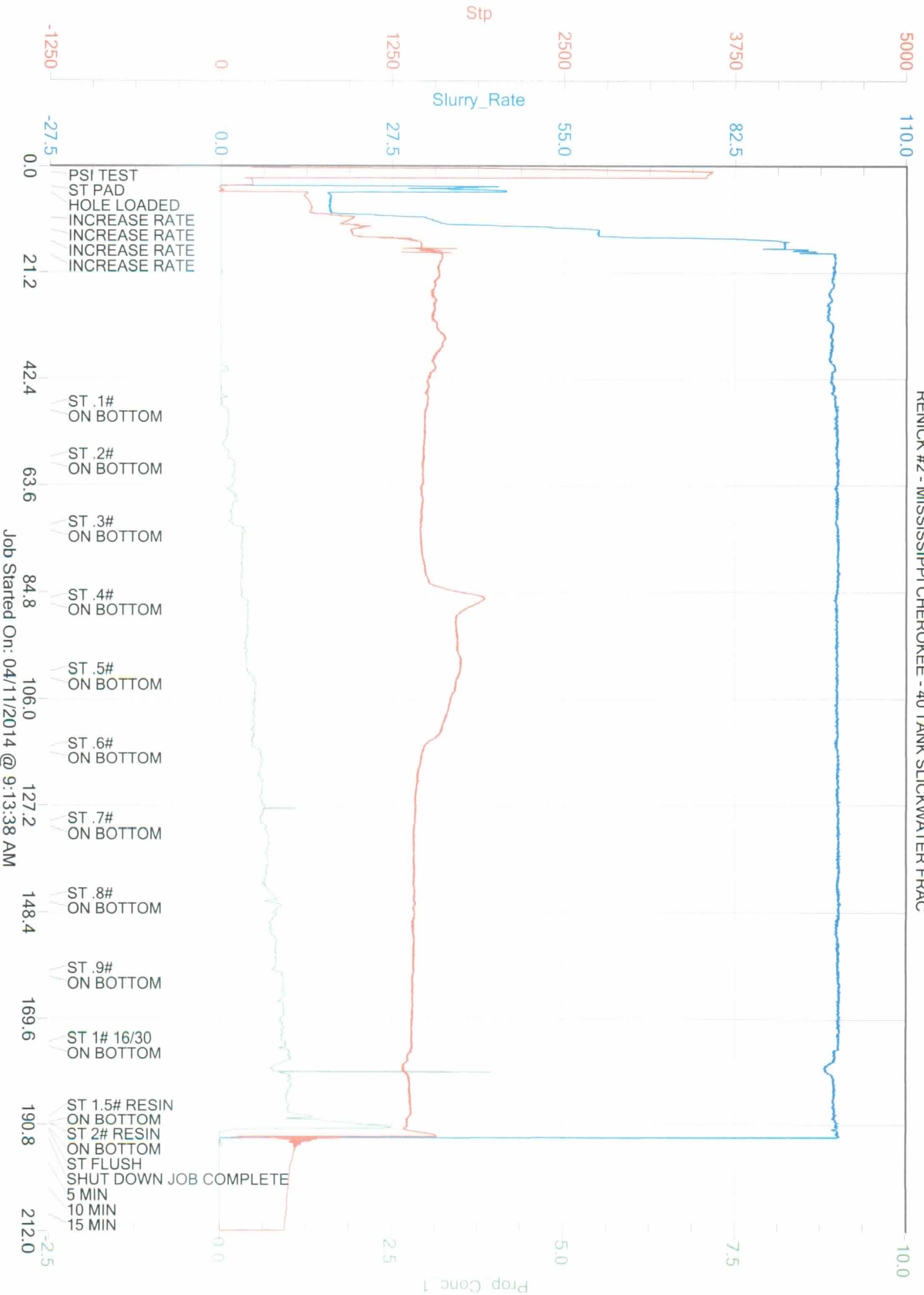
April 11, 2014

Lasso Energy-Renick#2



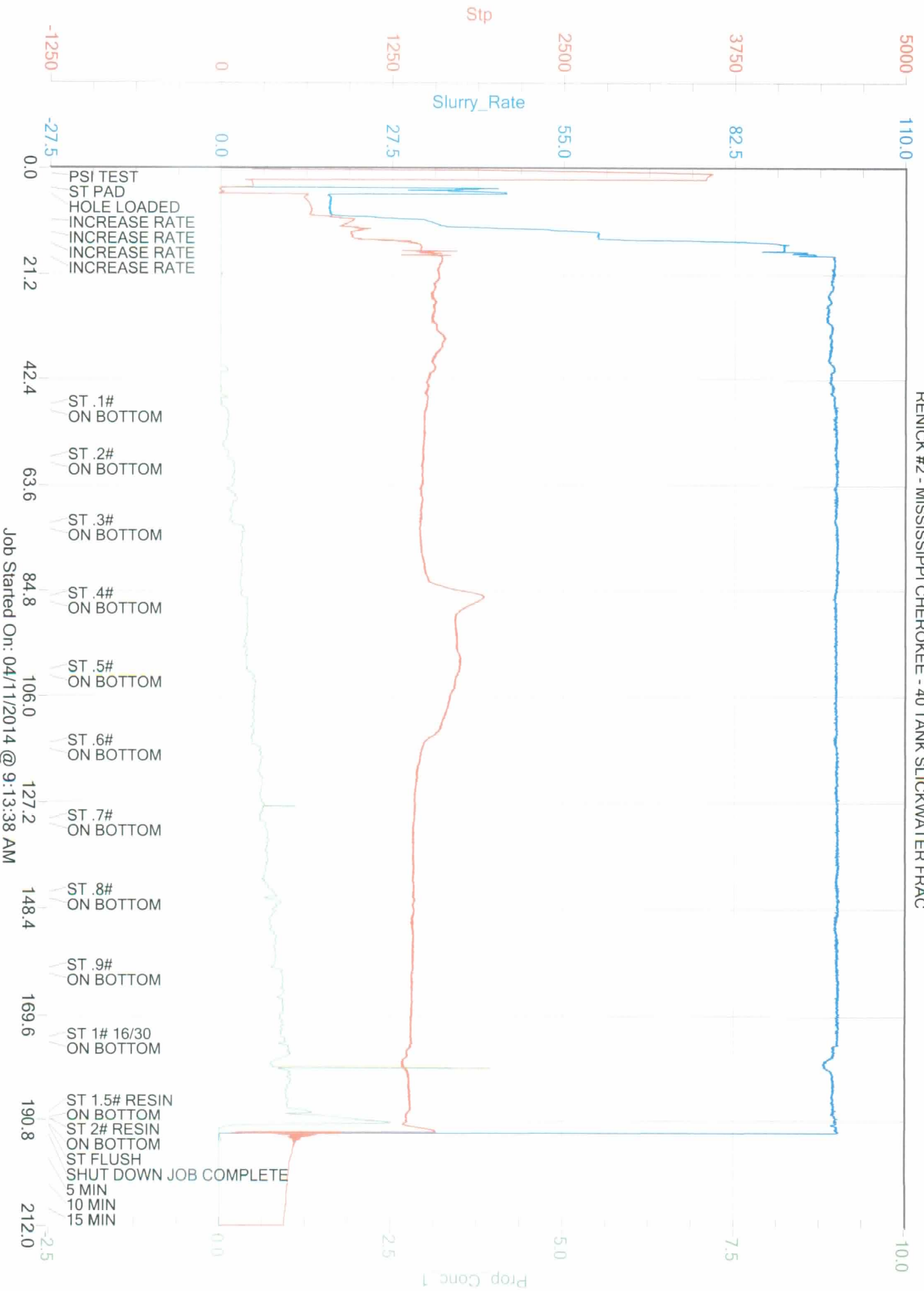
April 11, 2014

LASO ENERGY
 RENICK #2 - MISSISSIPPI CHEROKEE - 40 TANK SLICKWATER FRAC



LASO ENERGY

RENICK #2 - MISSISSIPPI CHEROKEE - 40 TANK SLICKWATER FRAC





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 10266 A

19-255-290 4-11-14 DATE TICKET NO.

DATE OF JOB 4/11/14	DISTRICT PRATT KANSAS	NEW WELL ☒	OLD WELL ☐	PROD ☐	INJ ☐	WDW ☐	CUSTOMER ORDER NO.:
CUSTOMER LILSON FARM		LEASE RENECK		WELL NO. 2			
ADDRESS		COUNTY GRAY		STATE KANSAS			
CITY		STATE		SERVICE CREW PRATT FRAC			
AUTHORIZED BY		JOB TYPE: 40 TANK SUCCHWARR FILL 15000					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM PM TIME
83354	3.5	19887-2108	3.5	79967-70762	3.5	ARRIVED AT JOB	4-11-14 AM 8:30
28950	3.5	78114-13422	3.5	16586-09682	3.5	START OPERATION	4-11-14 AM 10:25
71183	3.5	25807-31955	3.5	19896-70338	3.5	FINISH OPERATION	4-11-14 AM 1:22
75275	3.5	19823-27715	3.5	19824-19748	3.5	RELEASED	4-11-14 AM 3:20
36242-38749	3.5	14874-37581	3.5	78631	3.5	MILES FROM STATION TO WELL	110
21959	3.5	79964-70761	3.5				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Andrew J. Harrison
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
C1311	FR 7	EAL	518		
C2215	580 AIE	EAL	185		
C704	CLAYMAY	EAL	370		
C604	Pto 3	lb	40		
C505	600 PEGASUS SUCCHWARR	EAL	145		
P504	ACTEWATER 730	EAL	120		
PK209	30% MESH ACETALIN WHITE SAND KANSAS	CWT	2623		
PK300	14/30 ARIZONA SAND	CWT	6000		
P402	RESIN COATED CLEARLE SAND 14/30 MESH	CWT	1715		
E101	HEAVY EQUIPMENT MILEAGE	MILE	1430		
E100	VAN-PICKUP MILEAGE	MILE	220		
E113	PROPAGANT AND PUMP DELIVERY CHARGES	TOL	13.717		
E435	1800 HPI TITEX FRAC PUMP CHARGE	EA	1		
E437	2250 HPI RUD TITEX FRAC PUMP CHARGE	EA	5		
12309	PLENDER 91-100 PPAI	EA	1		
T101	TREATMENT VAN	SLB	1		
P800	20% MESH LE SANGRE TITEX PUMP CHARGE	CWT	2623		
P801	14/30 MESH LE SANGRE TITEX PUMP CHARGE	CWT	775		
P900	1 TO 4 TITEX PROPAGANT CONCENTRATION CHARGE	EAL	583000		

CHEMICAL / ACID DATA:

SUB TOTAL

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE: BAILEY - PARKER
WESTERN - JANE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Andrew J. Harrison

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~10267~~ A

CONTINUATION

19-255-292

4-11-14

DATE _____

TICKET NO. 10266A

DATE OF JOB 4-11-14		DISTRICT PRATT KANSAS		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:					
CUSTOMER LASSO ENERGY		LEASE RENICK		WELL NO. 2					
ADDRESS		COUNTY GRAY		STATE KANSAS					
CITY		STATE		SERVICE CREW PRATT FRAC					
AUTHORIZED BY REUCE KOLSON		JOB TYPE: 40 TANK SUTCHWARTZ FRAC STAGE 1A							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
						ARRIVED AT JOB	4-11-14	AM PM	8:30
						START OPERATION	4-11-14	AM PM	10:25
						FINISH OPERATION	4-11-14	AM PM	1:52
						RELEASED	4-11-14	AM PM	3:00
						MILES FROM STATION TO WELL	110		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

[illegible]

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL		137927.65	

SERVICE REPRESENTATIVE BARBER - PAUL WISNIEWSKI - JIM	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: A. J. J. J. J.
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)