



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1201974
OIL & GAS CONSERVATION DIVISION

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
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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: _____

1201974

Operator Name: _____ Lease Name: _____ Well #: _____

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

INSTRUCTIONS: Show important tops 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.

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
-------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	Agro 1
Doc ID	1201974

Tops

Name	Top	Datum
Heebner	3998	-1298
Toronto	4018	-1318
Lansing	4090	-1390
Base Kansas City	4514	-1814
Cherokee Shale	4652	-1952
Cherokee Limestone	4658	-1958
Mississippi	4789	-2089
St. Louis	4843	-2143

Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	Agro 1
Doc ID	1201974

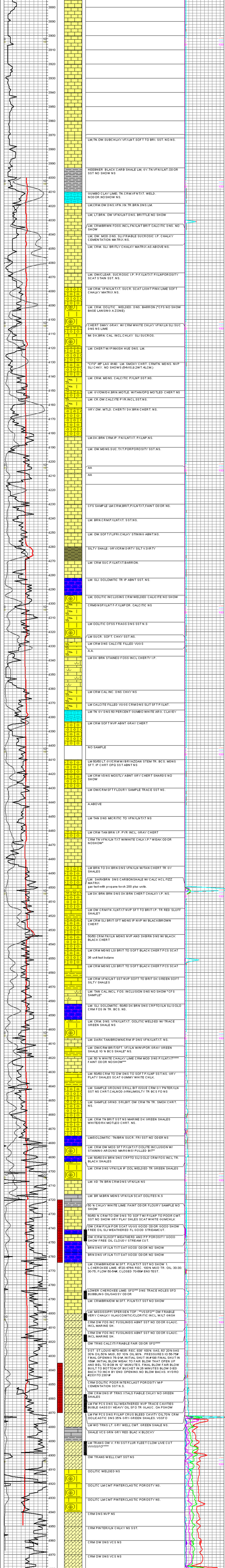
Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	St. Louis Perforations	9 holes	4882'-4890'
1	St. Louis Perforations	21 holes	4852'-4872'
4	St. Louis Perfoations	20 holes	4845'-4850'
1	Mississippi Perforations	11 holes	4792'-4802'
1	Cherokee Perforations	5 holes	4782'-4786'
1	Cherokee Perforations	9 holes	4770'-4778'
2	Cherokee Perforations	32 holes	4754'-4769.5'
1	Cherokee Perforations	7 holes	4740'-4746'
1	Cherokee Perforations	8 holes	4728'-4735'
1	Cherokee Perforations	5 holes	4720'-4724'
0	PPI Acid Job	4800 gal 10% HCl Acid w/MCA Acid Conversion	4720'-4890'
0	Acid Retreat	5000 gal 10% HCl w/NE-FE Acid Conversion	4720'-4890'

GEOLOGIST'S REPORT
Drilling Time and Sample Log

COMPANY	LASSO ENERGY			ELEVATIONS	
LEASE	AGRO 1			KB	2700'
FIELD	NA			DF	
LOCATION	Y=436034 Y=1409522 SW NW SE 1400' FSL/2265' FEL.			GL	2692
SEC	30	TWSP	25S	RGE	29S
COUNTY	GRAY		STATE		KS
CONTRACTOR	FOSSIL DRILLING RIG 2			CASING	
SPUD	03/06/2014	COMP	3/22/2014	SURFACE	8 5/8" 24# N, 1823'
RTD	4980	LTD	4980	PRODUCTION	5 1/2" TD
MUD UP	3100	TYPE MUD	CHEM		
SAMPLES SAVED FROM	3800	TO	4980	ELECTRICAL SURVEYS	
DRILLING TIME KEPT FROM	3800	TO	3600	MIRO/DIL/GAMM	
SAMPLES EXAMINED FROM	3800	TO	3800	CNDL/CAL/SP	
GEOLOGICAL SUPERVISION FROM	3650	TO	4980		
GEOLOGIST ON WELL	CHRIS A. BEAN				

FORMATION TOPS	LOG	SAMPLES
HEEBNER	3998 (1298) -2	4004 -1304 5
TORONTO	4018 (-1318)	4020 (-1320)
LANSING	4090(-1390) 0	4088 (-1388)
BKC	4514 (1814) +2	4512 -1812 +1
CHRK SHALE	4652 (-1952) -2	4640 -1940 4
CHRK LIME	4658 (-1958) 4	4644 -1944 4
MISSISSIPPI	4789 (-2089) -1	4792 -2092 4
ST. LOUIS	4843 (-2143) +9	4857 -2157 4





DRILL STEM TEST REPORT

Prepared For: **Lasso Energy LLC**

PO Box 465
1125 South Main
Chase Ks, 67524-0465

ATTN: Chris Bean

Agro #1

30/25s/29w/Gray

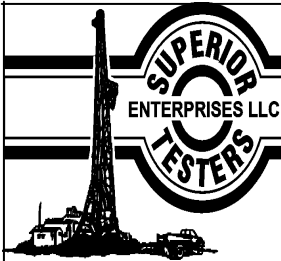
Start Date: 2014.03.18 @ 14:15:00

End Date: 2014.03.18 @ 22:18:00

Job Ticket #: 19213 DST #: 1

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

Printed: 2014.03.18 @ 23:43:53



DRILL STEM TEST REPORT

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19213

DST#: 1

Test Start: 2014.03.18 @ 14:15:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:51:30

Time Test Ended: 22:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330/

Interval: **4720.00 ft (KB) To 4764.00 ft (KB) (TVD)**

Reference Elevations: 2700.00 ft (KB)

Total Depth: 4764.00 ft (KB) (TVD)

2692.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: **8524**

Inside

Press@RunDepth: 53.08 psig @ 4760.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.03.18

End Date: 2014.03.18

Last Calib.: 2014.03.18

Start Time: 14:15:00

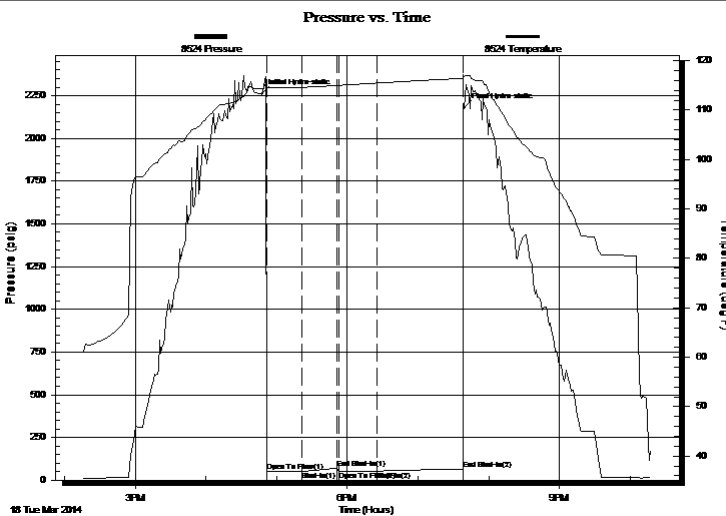
End Time: 22:18:00

Time On Btm: 2014.03.18 @ 16:47:30

Time Off Btm: 2014.03.18 @ 19:39:30

TEST COMMENT: 1st Open/ 30 Minutes. Weak surface blow that died at 15 minutes.
1st Shut In/ 30 Minutes. No blow back.
2nd Open/ 30 Minutes. No blow. Did not flush tool per Geo.
2nd Shut In/ 75 Minutes. No blow back.

PRESSURE SUMMARY



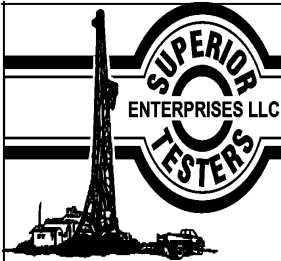
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.42	114.33	Initial Hydro-static
4	49.64	114.69	Open To Flow (1)
34	51.12	114.61	Shut-In(1)
64	69.50	115.00	End Shut-In(1)
65	52.40	115.01	Open To Flow (2)
98	53.08	115.47	Shut-In(2)
171	65.65	116.41	End Shut-In(2)
172	2179.46	116.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud, Trace Oil	0.05

Gas Rates

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



DRILL STEM TEST REPORT

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19213

DST#: 1

Test Start: 2014.03.18 @ 14:15:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:51:30

Time Test Ended: 22:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330/

Interval: **4720.00 ft (KB) To 4764.00 ft (KB) (TVD)**

Reference Elevations: 2700.00 ft (KB)

Total Depth: 4764.00 ft (KB) (TVD)

2692.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: **8159** Outside

Press@RunDepth: 66.30 psig @ 4761.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.03.18

End Date: 2014.03.18

Last Calib.: 2014.03.18

Start Time: 14:15:00

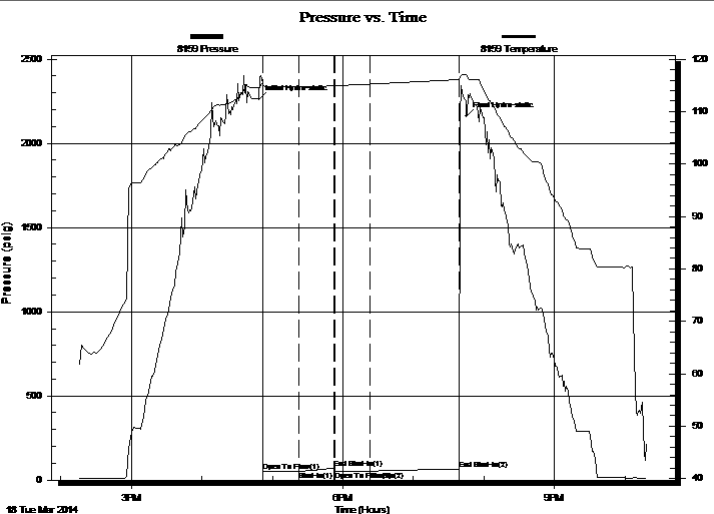
End Time: 22:19:00

Time On Btm: 2014.03.18 @ 16:48:30

Time Off Btm: 2014.03.18 @ 19:45:00

TEST COMMENT: 1st Open/ 30 Minutes. Weak surface blow that died at 15 minutes.
1st Shut In/ 30 Minutes. No blow back.
2nd Open/ 30 Minutes. No blow. Did not flush tool per Geo.
2nd Shut In/ 75 Minutes. No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.21	114.54	Initial Hydro-static
4	50.45	114.72	Open To Flow (1)
34	52.25	114.72	Shut-In(1)
64	70.31	114.94	End Shut-In(1)
65	53.61	114.94	Open To Flow (2)
95	54.27	115.25	Shut-In(2)
171	66.30	116.11	End Shut-In(2)
177	2160.50	117.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud, Trace Oil	0.05

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
 1125 South Main
 Chase Ks, 67524-0465
 ATTN: Chris Bean

Agro #1

Job Ticket: 19213

DST#: 1

Test Start: 2014.03.18 @ 14:15:00

Tool Information

Drill Pipe:	Length: 4550.00 ft	Diameter: 3.80 inches	Volume: 63.82 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: 165.36 ft	Diameter: 2.25 inches	Volume: 0.81 bbl	Weight to Pull Loose:	92000.00 lb
			<u>Total Volume: 64.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.36 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4720.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	72.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4697.00	
Hydraulic tool	5.00			4702.00	
Jars	6.00			4708.00	
Safety Joint	2.00			4710.00	
Top Packer	5.00			4715.00	
Packer	5.00			4720.00	28.00 Bottom Of Top Packer
Anchor	39.00			4759.00	
Recorder	1.00	8524	Inside	4760.00	
Recorder	1.00	8159	Outside	4761.00	
Bull Plug	3.00			4764.00	44.00 Anchor Tool
Total Tool Length:	72.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19213

DST#: 1

Test Start: 2014.03.18 @ 14:15:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 66.00 sec/qt
Water Loss: 6.00 in³
Resistivity: ohm.m
Salinity: 2700.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud, Trace Oil	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

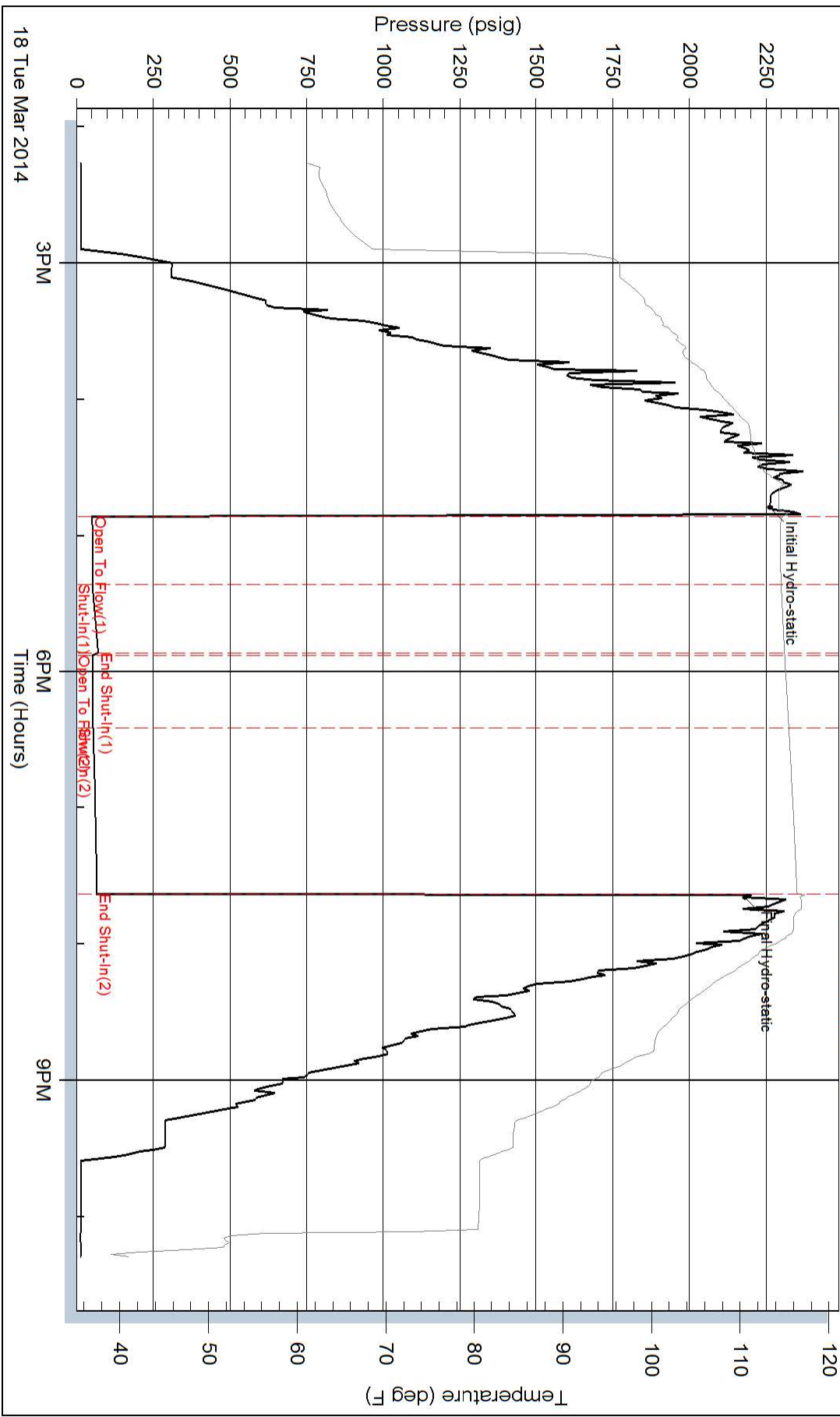
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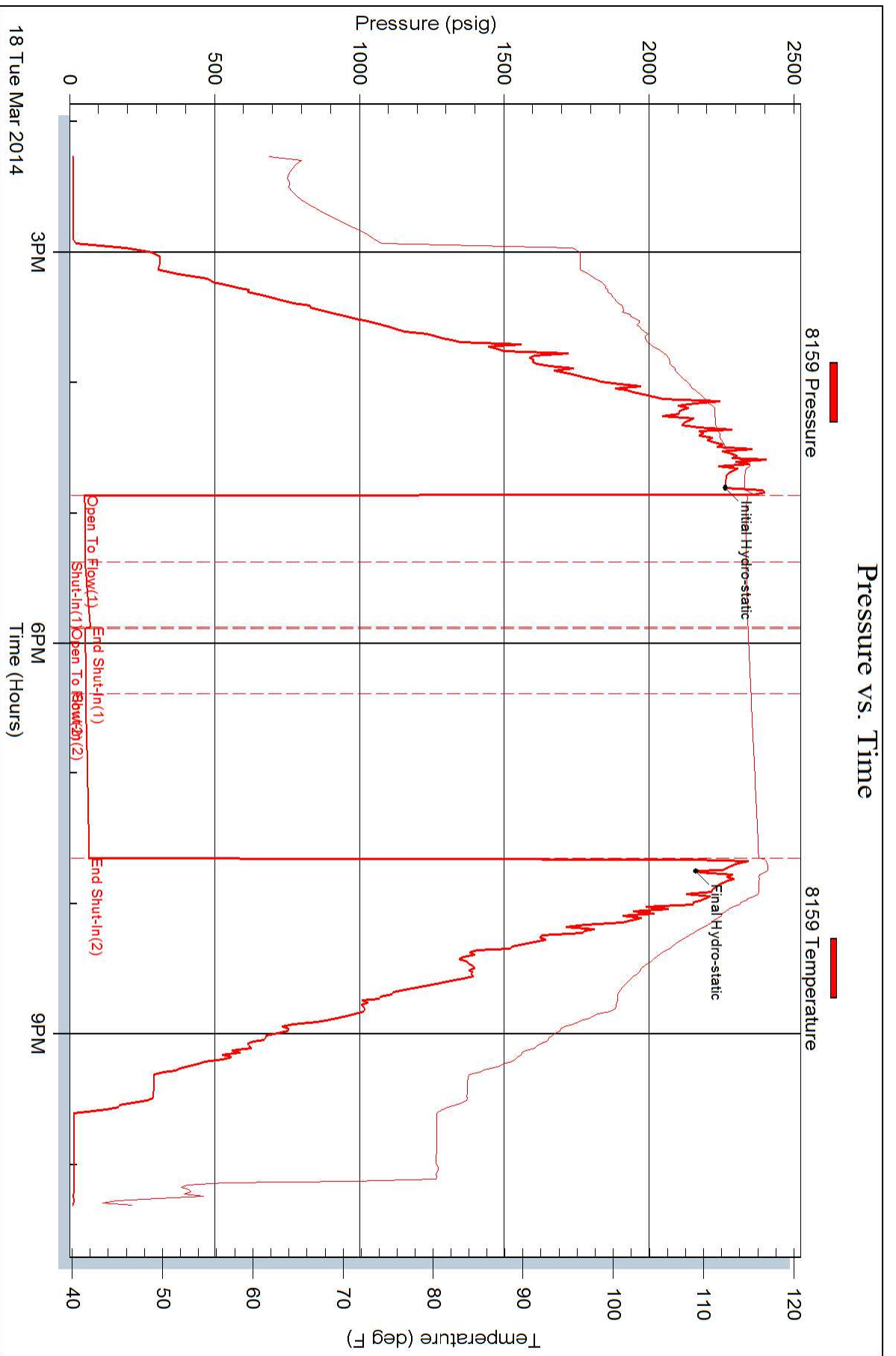
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Lasso Energy LLC**

PO Box 465
1125 South Main
Chase Ks, 67524-0465

ATTN: Chris Bean

Agro #1

30/25s/29w/Gray

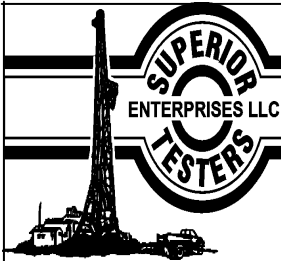
Start Date: 2014.03.19 @ 20:40:00

End Date: 2014.03.20 @ 09:24:00

Job Ticket #: 19214 DST #: 2

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

Printed: 2014.03.20 @ 11:05:36



DRILL STEM TEST REPORT

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19214

DST#: 2

Test Start: 2014.03.19 @ 20:40:00

GENERAL INFORMATION:

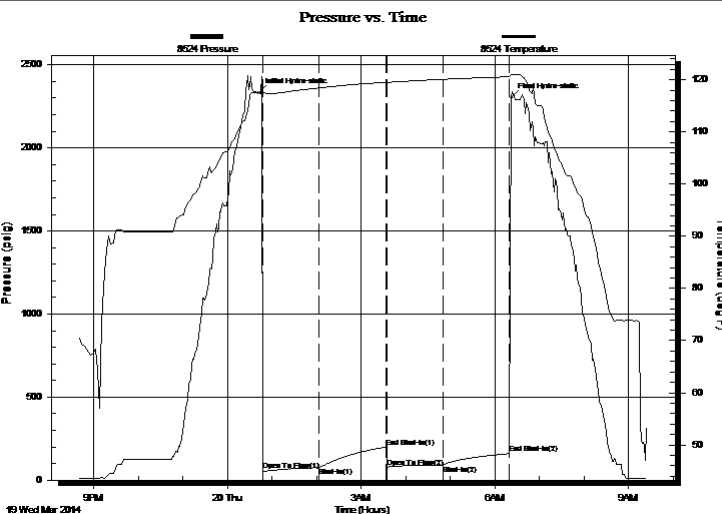
Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:48:00
 Time Test Ended: 09:24:00
 Interval: **4835.00 ft (KB) To 4870.00 ft (KB) (TVD)**
 Total Depth: 4870.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/236/Great Bend
 Reference Elevations: 2700.00 ft (KB)
 2692.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8524

Inside

Press@RunDepth: 91.68 psig @ 4866.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.19 End Date: 2014.03.20 Last Calib.: 2014.03.20
 Start Time: 20:41:00 End Time: 09:24:00 Time On Btm: 2014.03.20 @ 00:42:00
 Time Off Btm: 2014.03.20 @ 06:22:00

TEST COMMENT: 1st Open/ 75 Minutes. Weak surface blow that blew for 11 minutes then opened up and blew to bottom of bucket at 12 minutes.
 1st Shut In/ 90 Minutes. No blow back.
 2nd Open/ 75 Minutes. Fair blow built to bottom of 5 gallon bucket in 26 minutes. Blow died back to 1 inch by



PRESSURE SUMMARY

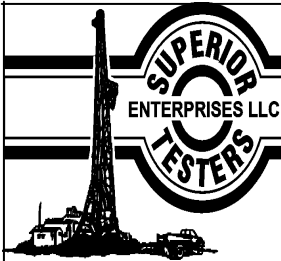
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2331.75	117.47	Initial Hydro-static
6	56.13	117.58	Open To Flow (1)
82	75.53	118.48	Shut-In(1)
172	198.42	119.56	End Shut-In(1)
173	76.89	119.54	Open To Flow (2)
248	91.68	120.10	Shut-In(2)
338	159.19	120.60	End Shut-In(2)
340	2301.36	120.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	838 feet 100% gas	0.00
63.00	20% gas, 30% Oil, 50% Mud	0.31
63.00	10% Oil, 90% Mud	0.31

Gas Rates

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



DRILL STEM TEST REPORT

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19214

DST#: 2

Test Start: 2014.03.19 @ 20:40:00

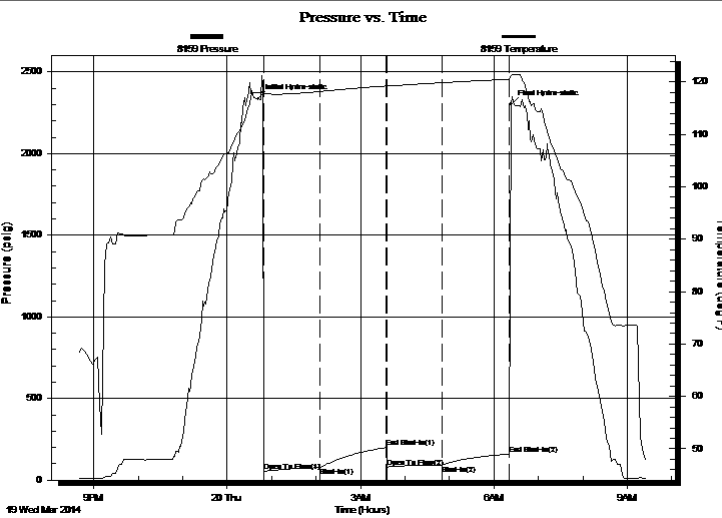
GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:48:00
 Time Test Ended: 09:24:00
 Interval: **4835.00 ft (KB) To 4870.00 ft (KB) (TVD)**
 Total Depth: 4870.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/236/Great Bend
 Reference Elevations: 2700.00 ft (KB)
 2692.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **8159** Outside

Press@RunDepth: 159.81 psig @ 4867.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.19 End Date: 2014.03.20 Last Calib.: 2014.03.20
 Start Time: 20:41:00 End Time: 09:26:00 Time On Btm: 2014.03.20 @ 00:42:00
 Time Off Btm: 2014.03.20 @ 06:23:00

TEST COMMENT: 1st Open/ 75 Minutes. Weak surface blow that blew for 11 minutes then opened up and blew to bottom of bucket at 12 minutes.
 1st Shut In/ 90 Minutes. No blow back.
 2nd Open/ 75 Minutes. Fair blow built to bottom of 5 gallon bucket in 26 minutes. Blow died back to 1 inch by



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2334.04	117.93	Initial Hydro-static
7	56.46	118.02	Open To Flow (1)
83	76.74	118.19	Shut-In(1)
173	199.26	119.26	End Shut-In(1)
174	78.14	119.23	Open To Flow (2)
249	92.81	119.88	Shut-In(2)
339	159.81	120.52	End Shut-In(2)
341	2302.60	121.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	838 feet 100% gas	0.00
63.00	20% gas, 30% Oil, 50% Mud	0.31
63.00	10% Oil, 90% Mud	0.31

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
 1125 South Main
 Chase Ks, 67524-0465
 ATTN: Chris Bean

Agro #1

Job Ticket: 19214

DST#: 2

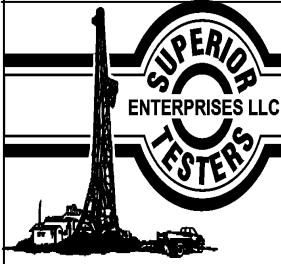
Test Start: 2014.03.19 @ 20:40:00

Tool Information

Drill Pipe:	Length: 4645.00 ft	Diameter: 3.80 inches	Volume: 65.16 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: 165.36 ft	Diameter: 2.25 inches	Volume: 0.81 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: 65.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.36 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4835.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer used.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4812.00	
Hydraulic tool	5.00			4817.00	
Jars	6.00			4823.00	
Safety Joint	2.00			4825.00	
Top Packer	5.00			4830.00	
Packer	5.00			4835.00	28.00 Bottom Of Top Packer
Anchor	30.00			4865.00	
Recorder	1.00	8524	Inside	4866.00	
Recorder	1.00	8159	Outside	4867.00	
Bull Plug	3.00			4870.00	35.00 Anchor Tool
Total Tool Length:	63.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Lasso Energy LLC

30/25s/29w/Gray

PO Box 465
1125 South Main
Chase Ks, 67524-0465
ATTN: Chris Bean

Agro #1

Job Ticket: 19214

DST#: 2

Test Start: 2014.03.19 @ 20:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 61.00 sec/qt
Water Loss: 5.99 in³
Resistivity: ohm.m
Salinity: 2100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	838 feet 100% gas	0.000
63.00	20% gas, 30% Oil, 50% Mud	0.310
63.00	10% Oil, 90% Mud	0.310

Total Length: 126.00 ft Total Volume: 0.620 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8524

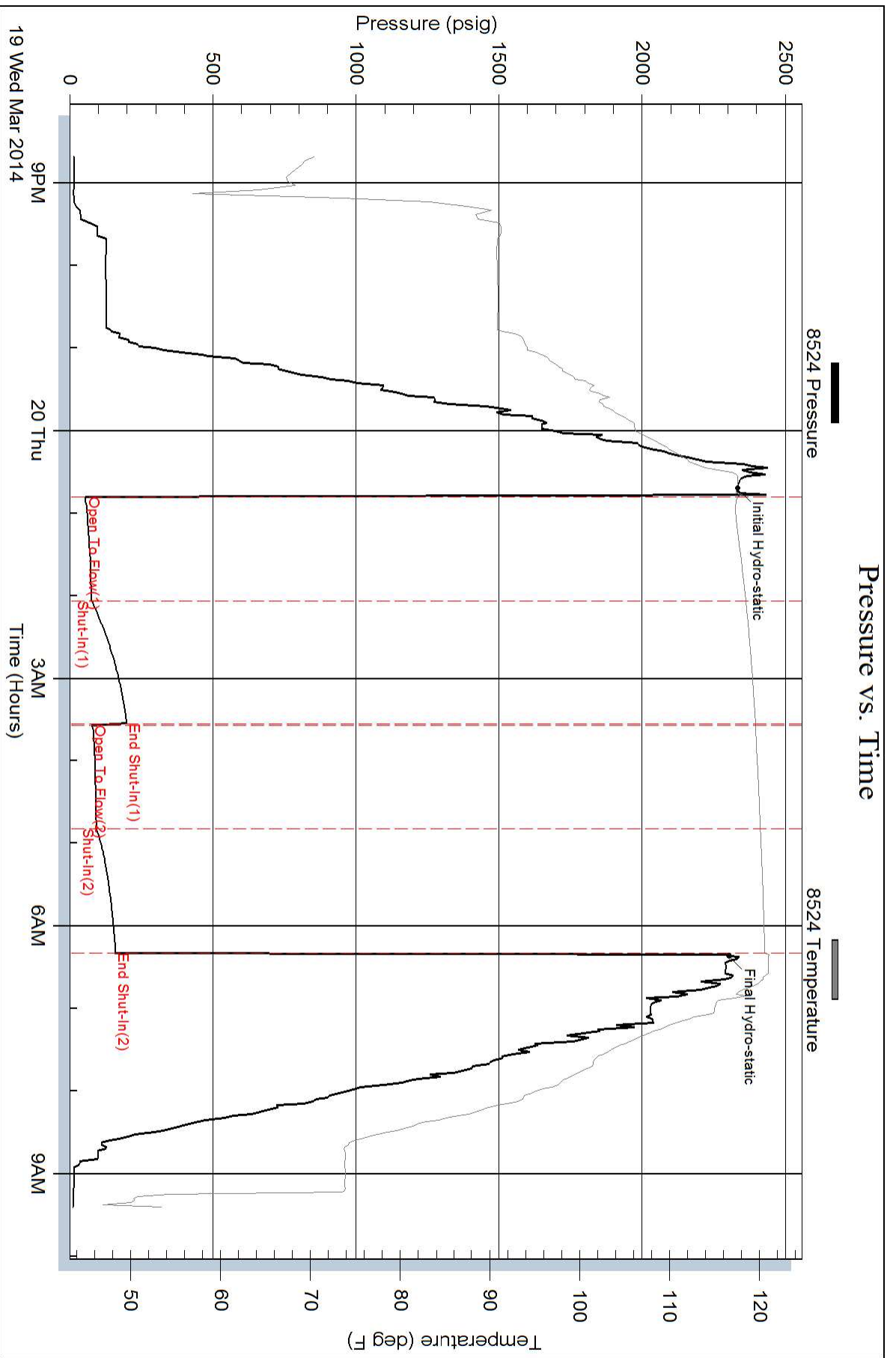
Inside

Lasso Energy LLC

Agro #1

DST Test Number: 2

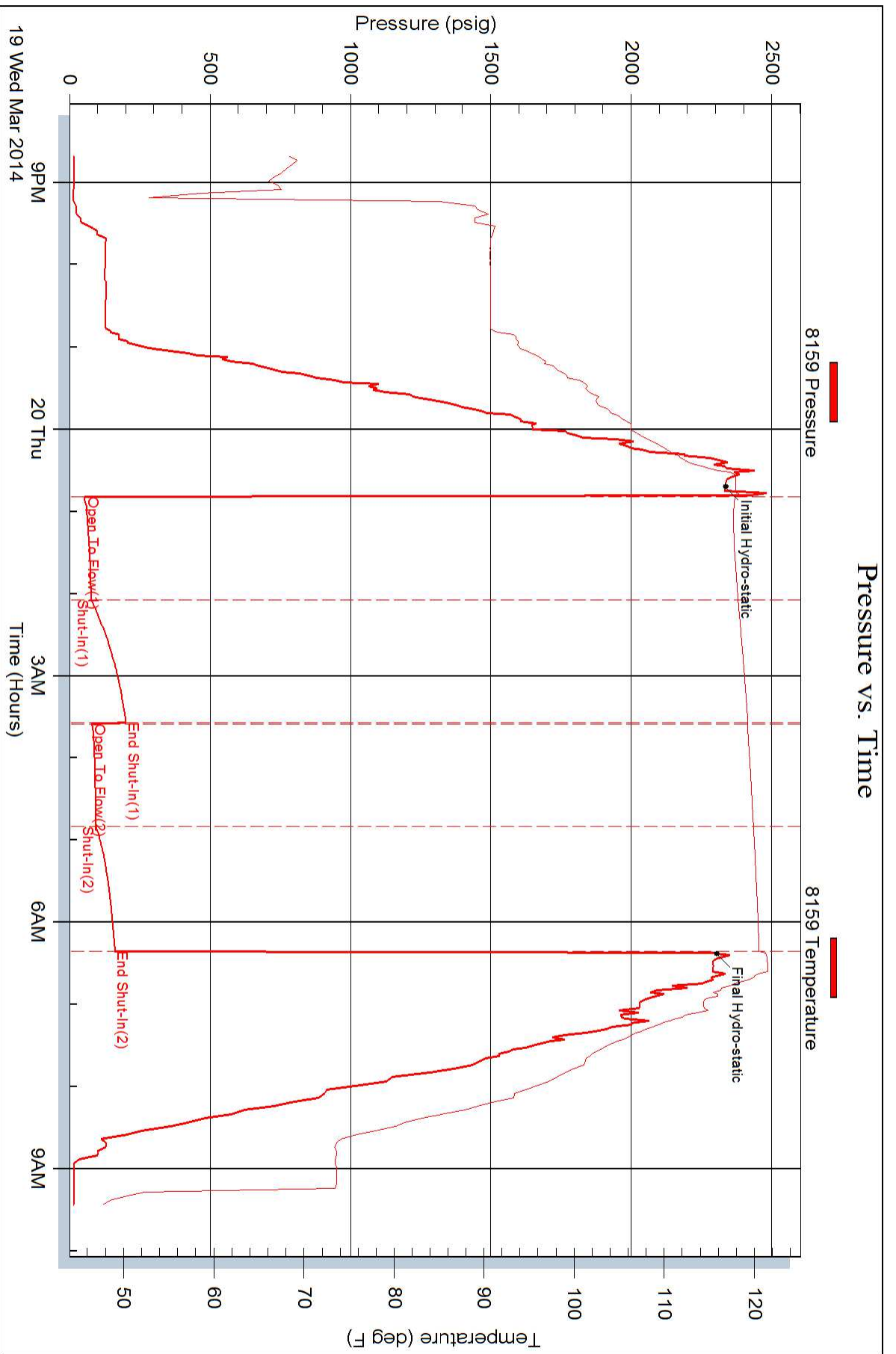
Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 19214

Printed: 2014.03.20 @ 11:05:37

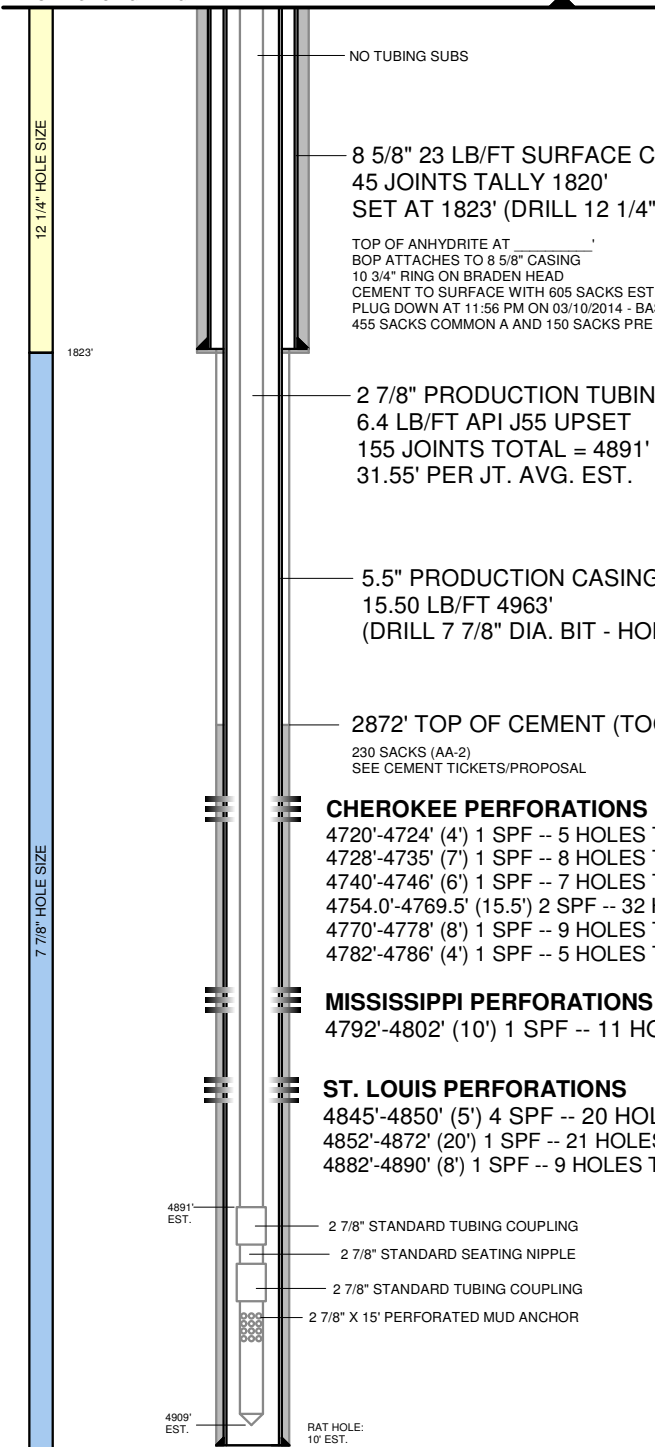


SURFACE TEMP: 70 DEG F MAX

K.B.: 8'

G.L. ELEVATION 2693' (SHL)

5 1/2" X 2 7/8" TUBING HEAD
SET TOP CLPG 12" AGL



NOTES:

PUMPING UNIT: 228 - 240 - 84 (84" SURFACE STROKE) OR 114 - 120 - 64 (64" SURFACE STROKE)
LOW PROFILE LUFKIN OR SENTRY UNIT
 40 HP ELECTRIC MOTOR WITH 40 HP SPOCC VFD
 VFD INSTALLED
 RUN TIME: 24 HRS PER DAY
 1.25" X 16' POLISHED ROD WITH LINER ASSEMBLY
 1.50" HARD FACED POLISHED ROD LINER X 8'
 2', 4', 6' AND 8' PONY RODS ON TOP (7/8" GRADE N97)
 1.50" X 16' HARD LINED POLISHED ROD LINER WITH SEAL
 76 - 7/8" GRADE N97 SUCKER RODS ON TOP (1900')
 115 - 3/4" GRADE N97 SUCKER RODS IN MIDDLE (2875')
 4 - 1.5000" SINKER BARS ON BOTTOM (100')
 ONE 3' X 7/8" GRADE N97 PONY ROD ON BOTTOM (TOP OF PUMP)
 SPEED RANGE: 3 TO 10 SPM

TUBULARS

PURPOSE	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION	PROD. TUBING
SIZE	13 3/8"	8 5/8"		5 1/2"	2 7/8"
WEIGHT	NONE	2,946 PSIG	NONE	15.5 LB/FT	6.40 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	4,812 PSIG	7,265 PSIG
COLLAPSE	NONE	381,395 LBF	NONE	4,043 PSIG	7,676 PSIG
YIELD	NONE	1,434 PSIG	NONE	248,274 LBF	99,661 LBF
CAPACITY	NONE	0.064 BBL/FT	NONE	0.024 BBL/FT	0.006 BBL/FT
THICKNESS	NONE	0.2640"	NONE	0.2750"	0.2170"
ID	NONE	8.0970"	NONE	4.9500"	2.4410"
DRIFT ID	NONE	7.9720"	NONE	4.8250"	2.3470"
AREA	NONE	51.49 IN2	NONE	4,514 IN2	4.68 IN2
SETTING DEPTH	NONE	1820'	NONE	4,963'	4891' TO PUMP
LENGTH	NONE	1820'	NONE	4,963'	NEED 4919'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS
COST	NONE	N/A	NONE	N/A	N/A

DATE	01/17/2014
APPROVED BY	B. KELSO
AFE	964
API No.	15069204660000
GL ELEVATION	2693'
KB	8'
KB ELEVATION	2701'
RIG	FOSSIL

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

CHEROKEE / MISSISSIPPI FRAC INTERVAL

4720'-4802' (82') -- 77 HOLES
 *WILL NEED TO SET A CIBP AT 4832' (ABOVE ST. LOUIS)
 PRIOR TO FRAC.

DOWN HOLE SUCKER ROD PUMP:

2.0000" INSERT PUMP
 PUMP LENGTH: 16' (NICARD AND SS)
 BOTTOM HOLD DOWN TYPE
 TRAVELING BARREL
 3' X 7/8" PONY ROD ON TOP OF PUMP
 8" GAS SEPERATOR ON THE BOTTOM
 PUMP INTAKE DEPTH: 4890' EST.
 PUMP IS SETTING BELOW PERFORATIONS IF NO FRAC
 PUMP WILL SET ABOVE PERFORATIONS IF THERE IS A FRAC

PBTD: 4919' MD TVD
 RTD: 4980' MD TVD
 LTD: 4980' MD TVD
 DOWNHOLE TEMP: 135 DEG F (EST.)

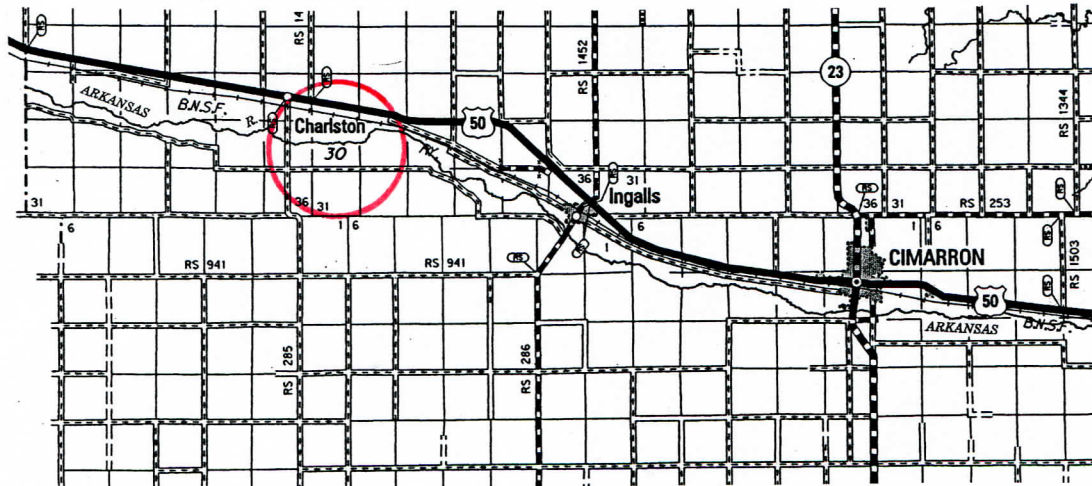
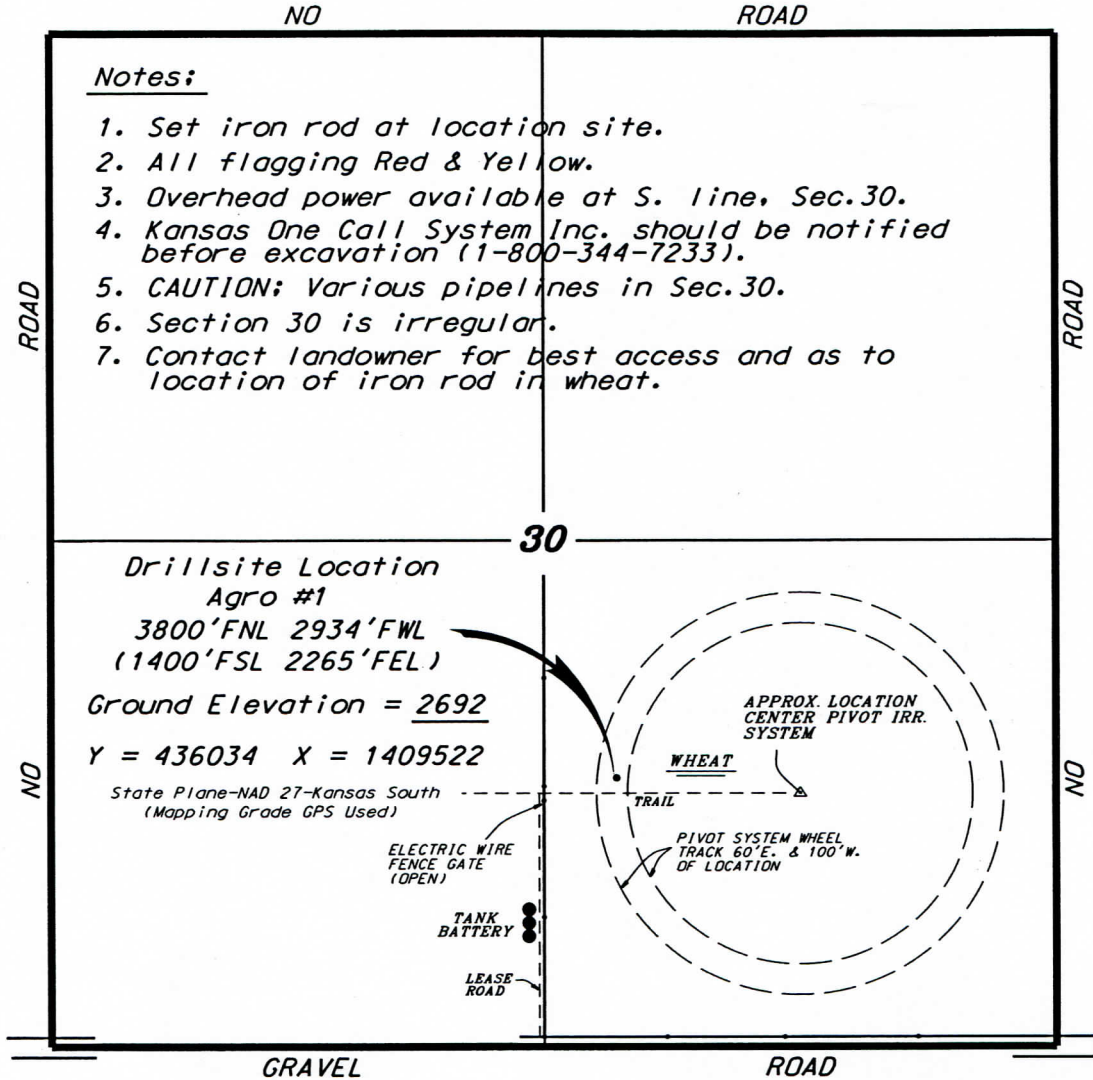
AGRO #1

GRAY COUNTY, KANSAS
 30-T25S-R29W
 SHL: 2970 FNL, 2970 FWL
 BHL: 2970 FNL, 2970 FWL
 UNNAMED FIELD



LASSO ENERGY, LLC
AGRO LEASE
SE.1/4, SECTION 30, T25S, R29W
GRAY COUNTY, KANSAS

* Ingress and egress to location as shown on this plot is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



* Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

* Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plot and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.

* Elevations derived from National Geodetic Vertical Datum.

Date February 26, 2014



PAGE 1 of 1	CUST NO 1006916	INVOICE DATE 03/11/2014
INVOICE NUMBER 1717 - 91434199		

Liberal (620) 624-2277
 B LASSO ENERGY LLC
 I PO BOX 465
 L CHASE
 L KS US 67524
 T
 O ATTN: ALISHA GRAHAM

J LEASE NAME Agro #1
 O LOCATION
 B COUNTY Gray
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40700266	19919		Net - 30 days	04/10/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 03/10/2014 to 03/10/2014</i>				
0040700266				
171705626A Cement-New Well Casing/Pi 03/10/2014 8 5/8" Surface - credit \$1,200.00 for Renick #2 Bulk Truck Problems				
A-Con' Blend	455.00	EA	9.60	4,367.76 T
Premium Plus Cement	150.00	EA	8.41	1,261.86 T
Calcium Chloride	1,566.00	EA	0.54	848.62 T
Celloflake	152.00	EA	1.91	290.25 T
C-51	86.00	EA	12.90	1,109.61 T
"Flapper Ins. Fit. Vlv., 8 5/8" (Blue)	1.00	EA	144.51	144.51
"Cmt Basket, Canvas 8 5/8"	1.00	EA	541.90	541.90
Antelope Strd Bow Cent. 8 5/8 X 12 1/4	3.00	EA	74.83	224.50
"Top Rubber Cmt Plug, 8 5/8" ""	1.00	EA	116.12	116.12
Heavy Equipment Mileage	255.00	MI	3.61	921.24
Blending & Mixing Service Charge	605.00	BAG	0.72	437.14
"Proppant & Bulk Del. Chgs., per ton mil	2,418.25	EA	0.83	1,996.89
Depth Charge; 1001'-2000'	1.00	EA	774.15	774.15
Plug Container Util. Chg.	1.00	EA	129.02	129.02
"Unit Mileage Chg (PU, cars one way)"	85.00	MI	2.19	186.44
"Service Supervisor, first 8 hrs on loc.	1.00	EA	90.32	90.32
Cement Data Acquisition Monitor	1.00	EA	283.85	283.85

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	13,724.18
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	575.10
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	14,299.28
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

JRB



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 05626 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>03-10-14</u> DISTRICT <u>1717 Liberal, KS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>LASSO Energy</u>		LEASE <u>AGRO</u> / WELL NO.							
ADDRESS		COUNTY <u>GRAY</u> STATE <u>KS</u>							
CITY STATE		SERVICE CREW <u>Roger - Gabriel - Santiago - Edgpe</u>							
AUTHORIZED BY <u>Jerry Bennett JRB</u>		JOB TYPE: <u>242 - 8 5/8" Surface</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>21755</u>	<u>6</u>						<u>03-10-14</u>	<u>AM</u>	<u>1200</u>
<u>238117-19919</u>	<u>6</u>					ARRIVED AT JOB	<u>03-10-14</u>	<u>AM</u>	<u>1600</u>
<u>14355-37725</u>	<u>6</u>					START OPERATION	<u>03-10-14</u>	<u>AM</u>	<u>2200</u>
<u>19827-19883</u>	<u>6</u>					FINISH OPERATION	<u>03-10-14</u>	<u>AM</u>	<u>1155</u>
						RELEASED	<u>03-11-14</u>	<u>AM</u>	<u>0030</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: Matt Butler
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	'A'low Blend	sk	455		8463 00
CL110	Premium Plus Cement	slc	150		2445 00
CC109	Calcium Chloride	lb	1566		1644 30
CC102	Celluloflake	lb	152		562 40
CC130	C-51	lb	86		2150 00
CF1453	Flapper Type Insult Root Valve - 8 5/8"	EA	1		280 00
CF353	Guide Shoe Torus Pattern 8 5/8"	EA	1		
CF-4456	Cement Basket, Canvas 8 5/8"	EA	1		1050 00
CF4405	Economizer Hinged, Welded Standard 7/8"	EA	3		435 00
CF105	Top Rubber Cement Plug - 8 5/8"	EA	1		225 00
E101	Heavy Equipment Mileage	mi	255		1785 00
CE240	Blending & Mixing Service Charge	slc	605		847 00
E113	Proppant & Bulk Delivery Charge	tn	2418		3869 20
CE202	Depth Charge - 1001'-2000'	4Hrs.	1		1500 00
CE504	Plug Container Utilization Charge	job	1		250 00
E100	Unit Mileage Charge - Pickup	mi	85		361 25
5003	Service Supervisor, First 6 Hrs on Loc	EA	1		175 00
T105	Cement Data Acquisition Monitor	EA	1		550 00
				SUB TOTAL	<u>14924 18</u>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	- 1200 00
TOTAL		<u>13724 18</u>

SERVICE REPRESENTATIVE <u>Roger Brown</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Matt Butler</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
-------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

FIELD SERVICE ORDER NO. _____

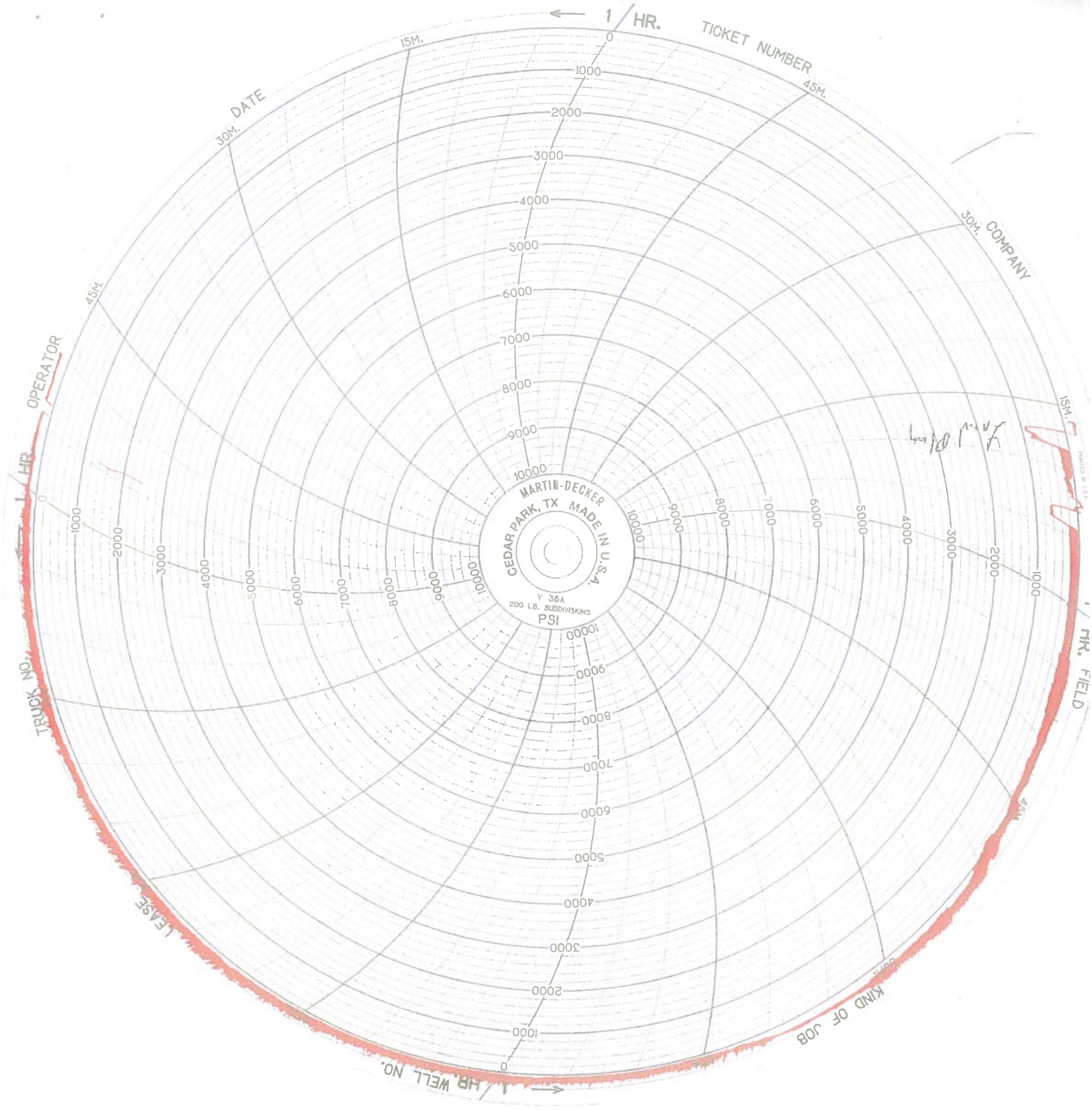
Cement Report

Customer <i>LASSO Energy</i>		Lease No. <i>1</i>		Date <i>03-10-14</i>	
Lease <i>ACRO</i>		Well # <i>1</i>		Service Receipt <i>117-05626 A</i>	
Casing <i>8 5/8"</i>	Depth <i>1832'</i>	County <i>CRAY</i>		State <i>K5</i>	
Job Type <i>Slideface</i>		Formation		Legal Description <i>30-25-29</i>	
Pipe Data			Perforating Data		
Casing size <i>8 5/8"</i>	Tubing Size	Shots/Ft			Cement Data
Depth <i>1832'</i>	Depth	From	To	Lead <i>455 sls</i> <i>4 1/2" Blended</i> <i>3 1/2" CACL2</i> <i>1 1/4" Poly Phos</i> <i>- 290 WCA1</i>	
Volume <i>115'</i>	Volume	From	To		
Max Press	Max Press	From	To		
Well Connection	Annulus Vol.	From	To	Tail in <i>150 sls</i> <i>Premium Plus Cement</i> <i>2 1/2" CACL2</i> <i>1 1/4" Poly Phos</i>	
Plug Depth <i>1790'</i>	Packer Depth	From	To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1700</i>					<i>Called Unit</i>
<i>1600</i>					<i>On Location</i>
<i>1620</i>					<i>Safety Meeting</i>
<i>2100</i>					<i>Down Bottom Circ</i>
<i>2200</i>					<i>Test Linesto Reg Floor</i>
<i>2207</i>					<i>Pump Workin Ahead</i>
<i>2204</i>	<i>100</i>		<i>239</i>	<i>6</i>	<i>Max Lead Cement</i>
					<i>11.4ppg 239BBLs</i>
<i>2250</i>	<i>100</i>		<i>35.8</i>	<i>5</i>	<i>Pump Tail Cement</i>
					<i>14.8ppg 35.8BBLs</i>
			<i>114.7</i>		<i>Displace</i>
					<i>115BBLs</i>
<i>2356</i>					<i>Land Plug</i>
					<i>Float Held</i>
					<i>Rack Up</i>
					<i>Job Completed</i>
					<i>THANKS</i>
Service Units	<i>21755</i>	<i>38117-19919</i>	<i>14355-31125</i>	<i>19827-19853</i>	
Driver Names	<i>Progen</i>	<i>Gabriel</i>	<i>Edgar</i>	<i>Santiago</i>	

Matt Bostor
Customer Representative

Jenny Bennett
Station Manager

Progen Brown
Cementer



Handwritten signature or initials.

4/1/2014



PAGE	CUST NO	INVOICE DATE
1 of 1	1006916	03/24/2014
INVOICE NUMBER		
1717 - 91443773		

Liberal (620) 624-2277
 B LASSO ENERGY LLC
 I PO BOX 465
 L CHASE
 L KS US 67524
 T
 O **ATTN:** ALISHA GRAHAM

J LEASE NAME Agro #1
 O LOCATION
 B COUNTY Gray
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40704515	37726		Net - 30 days	04/23/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 03/22/2014 to 03/22/2014				
0040704515				
171705656A Cement-New Well Casing/Pi 03/22/2014 5 1/2" Longstring				
AA2 Cement	260.00	EA	11.11	2,887.38 T
Gypsum	1,225.00	EA	0.46	560.61 T
Salt	1,442.00	EA	0.31	439.94 T
C-15	147.00	EA	7.63	1,121.22 T
C-41P	62.00	EA	2.44	151.33 T
Gilsonite	1,300.00	EA	0.41	531.47 T
"Flapper Ins. Ft. Vlv., 5 1/2" (Blue	1.00	EA	131.19	131.19
"Guide Shoe - Regular. 5 1/2" (Blue)"	1.00	EA	152.55	152.55
Antelope 5 1/2 X 7 7/8 Turbo	10.00	EA	45.76	457.64
"Top Rubber Cmt Plug, 5 1/2""	1.00	EA	64.07	64.07
Super Flush II	500.00	EA	0.93	466.79 T
Heavy Equipment Mileage	170.00	MI	4.27	726.12
Blending & Mixing Service Charge	260.00	BAG	0.85	222.11
"Proppant & Bulk Del. Chgs., per ton mil	1,041.25	EA	0.98	1,016.57
Depth Charge; 4001'-5000'	1.00	EA	1,537.67	1,537.67
Plug Container Util. Chg.	1.00	EA	152.55	152.55
"Unit Mileage Chg (PU, cars one way)"	85.00	MI	2.59	220.43
"Service Supervisor, first 8 hrs on loc.	1.00	EA	106.78	106.78
"Cement Pumper, Add'l hrs. on Location"	3.00	HR	305.09	915.28

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,861.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	449.59
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	12,311.29
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

1717-91443773
FIELD SERVICE TICKET
1717 05656 A

DATE _____ TICKET NO. _____

DATE OF JOB 3/22/14	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER Lasso Energy		LEASE Agro	WELL NO. 1				
ADDRESS		COUNTY Gray	STATE KS				
CITY	STATE	SERVICE CREW Chad, Tommy, Daniel					
AUTHORIZED BY Tyce Davis	JOB TYPE: Z 4Z Production						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 3-21-14 AM 6:00
78939	8					ARRIVED AT JOB	3-21-14 AM 10:30
39203/37426	8					START OPERATION	3-22-14 AM 5:21
14355/84725	8					FINISH OPERATION	3-22-14 AM 7:33
						RELEASED	3-22-14 AM 8:00
						MILES FROM STATION TO WELL	85 mi

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 Porter
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL105	AAZ Cement	✓ SK	260		4732 00
CC 113	Gypsum	✓ lb	1225		918 75
CC111	Salt	✓ lb	1442		721 00
CC103	C15	✓ lb	147		1837 50
CC105	C-41P	✓ lb	62		248 00
CC201	Gilsonite	✓ lb	1300		871 00
CF1451	Flapper Type Insert Float Valve 5 1/2"	✓ ea	1		215 00
CF251	Guide Shoe Regular 5 1/2"	✓ ea	1		250 00
CF4452	Econimizer Hinged Welded Centralizers	✓ ea	10		750 00
CF103	Top Rubber Cement Plug 5 1/2"	✓ ea	1		105 00
CC155	Super Flush II	✓ gal	500		765 00
E101	Heavy Equipment Mileage	mi	170		1190 00
CE240	Blending and Mixing Service Charge	SK	260		364 00
E113	Proppant and Bulk Delivery Charge	TM	1041		1166 00
CE205	Depth Charge 4001-5000	4hrs	1		3520 00
CE504	Plug Container Utilization Charge	Job	1		250 00
E100	Unit Mileage Charge, Small Pickup	mi	85		361 25
SO03	Service Supervisor first 8hrs	ea	1		175 00
CE403	Additional hours Cement Pumper	hrs	3		1500 00
SUB TOTAL					11861 40

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>T. J. Smith</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <u>X Matt Porter</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
----------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

FIELD SERVICE ORDER NO.

1717-91443773



Cement Report

Customer	Lasso Energy		Lease No.	Date 3-22-14	
Lease	Argo		Well #	1	Service Receipt 171705656A
Casing	5 1/2"	Depth 4969	County	Gray	State KS
Job Type	Production	Formation	Legal Description		
Pipe Data			Perforating Data		Cement Data
Casing size	5 1/2"	Tubing Size	Shots/Ft		Lead 260 SK #AZ
Depth	4969	Depth	From	To	
Volume	118.6594	Volume	From	To	1.51 ft ³ /SK 6.64 gal/SK
Max Press	3000 psi	Max Press	From	To	Tail in
Well Connection	PC	Annulus Vol.	From	To	
Plug Depth	4948.10 ft	Packer Depth	From	To	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
18:00					Trucks Called Out
22:30					On location Laying down pipes, unloading casing
00:15					Spot in, Safety meeting
00:21					Rig up
1:30					Casing crew rigging up
2:12					Run float equipment cent. @ 14, 15, 67, 8, 18, 29, 37, 46
3:19					Finish float equipment
4:45					Finished running casing
5:21					Hooked up to circulate mud for 1 hr
6:30					Prime up
6:34					Pressure Test
6:42	300 psi			5 BPM	Pump 300 gal of Superflush
6:50					Plug Rat hole with 30 SKS
6:54	390			6 BPM	Start cement
6:59	480		40	8 BPM	
7:04	310		61	5.63 BPM	
7:06					Washup / Drop Plug
7:11	150			7 BPM	Start Displacement
7:12	150		10	7 BPM	
7:14	150		20	7 BPM	
7:16	150		30	7 BPM	
7:18	160		40	6.9 BPM	
7:20	160		50	6.9 BPM	
Service Units	78939	37223/371726	14355	37725	
Driver Names	Chad Hinz	Tommy Marcellus	Daniel Beck		

Matt

Customer Representative

Jerry Bennett

Station Manager

Tommy Marcellus

Cementer

Taylor Printing, Inc.



JOB LOG CONT

TICKET#
171705656A

TICKET DATE
3-22-14

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	7:21	7 BPM	60		150 psi			Displace ↓ Slowed Rate to 1 Pump Landed Plug Pressured up Released Back Plug Held Job Complete
	7:23	6.9 BPM	70		160 psi			
	7:24	6.58 BPM	80		370 psi			
	7:26	6.21 BPM	90		380 psi			
	7:28	5.59 BPM	100		720 psi			
	7:29	4 BPM	108		890 psi			
	7:30	2.85 BPM	110		7:30			
	7:32	0	118		910			
	7:32	0	118		1560			
	7:34							

[Handwritten Signature]

4/16/2014



PAGE	CUST NO	INVOICE DATE
1 of 1	1006916	04/10/2014
INVOICE NUMBER		
1717 - 91460150		

Liberal (620) 624-2277
 B LASSO ENERGY LLC
 I PO BOX 465
 L CHASE
 L KS US 67524
 T
 O **ATTN:** ALISHA GRAHAM

J LEASE NAME Argo #1
 O LOCATION
 B COUNTY Gray
 S STATE KS
 I JOB DESCRIPTION Acid Clean Tub / Casing-N
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40710865	19919		Net - 30 days	05/10/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 04/09/2014 to 04/09/2014				
0040710865				
171704214A Acid Clean Tub / Casing-N 04/09/2014 Acidize				
10% HCl Acid	4,800.00	GAL	1.10	5,303.73
MCA Acid Conversion	4,800.00	GAL	0.42	2,027.90
CIA-1 EP	10.00	EA	48.75	487.48
Claymax	9.00	EA	22.75	204.74
Acid Pump Service	1.00	EA	584.97	584.97
Transport Delivery Charge (4 hr min)	1.00	EA	389.98	389.98
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	2.76	165.74
Heavy Equipment Mileage	120.00	MI	4.55	545.97
"Service Supervisor, first 8 hrs on loc.	1.00	EA	113.74	113.74

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,824.25
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,824.25
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 04214 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-9-14	DISTRICT 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER Lasso Energy	LEASE Argo		1		WELL NO.		
ADDRESS	COUNTY Gray	STATE KS					
CITY	STATE	SERVICE CREW Justin Eber Chad Tommy Santiago					
AUTHORIZED BY Serry Bennett	JOB TYPE: 2-27						

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
39979	14	19687	14				APM	5:30
78439							APM	8:00
38119							APM	9:15
19919							AM	6:00
37726							AM	7:00
19615						MILES FROM STATION TO WELL		60

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)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
ak324	100% HCl Acid	gal	4800		8160.00
ask340	McA Acid Conv	gal	4800		3120.00
C704	CIA-EP Hightemp Inhibitor	gal	10		750.00
C704	Claymax KCl	gal	9		315.00
e300	Acid Pump Service	ea	1		900.00
e110	Transport Delivery	hr	4		600.00
e106	Unit Mileage Charge Pickup	mi	60		255.00
e101	Heavy Equipment Mileage	mi	120		840.00
S003	Service Supervisor	ea	1		175.00
SUB TOTAL					9,824.25

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE 	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	Lasso Energy	Lease No.		Date	4-9-14
Lease	Hrgo	Well #	1		
Field Order #	9214	Station	1717	Casing	
Type Job	2-27	Formation	St Louis Mississippi Cherokee	Depth	
		Legal Description	Sec 80-255-29W	County	Gray
				State	Ks

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2	2 7/8	1		4800 gal 10%				
Depth 4890	Depth 4892	From 4720	To 4724	Pre Pad	Max		5 Min.	
Volume	Volume 19.57	From 4782	To 4786	Pad	Min		10 Min.	
Max Press	Max Press 2500	From 4715	To 4850	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From 4882	To 4890		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth 4897	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Bruce Kelso	Station Manager	Jerry Bennett	Treater	Juan Ortiz			
Service Units	39878	78939	38119	19919	37222	37226	19615	19687
Driver Names	Juan	Chad	Ever	Tommy	Santiago			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					ON Location
8:30					Safety Meeting & Rig up
9:16		50	3.5	3.5	Rickle 150 gal 10%
9:18		100	136	5.0	Flush
11:10		2500			Psi Test Packer
11:15		0	1		Released Back Held
11:55		1200	2	1.0	open up Values on Packer
12:08		100	19	2.0	Spot 840 gal in Tub
12:31		50	1.0	1.5	Pack Release
2:08		2500			Psi up Tub
2:46		1320	1.2	1.5	St Louis Perfs 4890
2:47		1300	1.2	1.5	4889 broke 650psi
2:48		1340	1.2	1.5	4867 broke 650
2:49		1200	1.2	1.5	4865 broke 650psi
3:40		1300	40	1.5	4845 45 ft of Perf 1.5 bpm 1400psi/A
3:50		850	13	1.5	Mississippi Perfs 4862-4792
4:15					Average 850psi
4:23		1450	40	1.5	Cherokee Perfs Average 1450psi
					1.5 bpm 4720-4786
5:45					Shut Down

47
/28/2014



PAGE	CUST NO	INVOICE DATE
1 of 1	1006916	04/14/2014
INVOICE NUMBER		
1717 - 91462407		

Liberal (620) 624-2277
 B LASSO ENERGY LLC
 I PO BOX 465
 L CHASE
 L KS US 67524
 T
 O **ATTN:** ALISHA GRAHAM

J **LEASE NAME** Argo #1
 O **LOCATION**
 B **COUNTY** Gray
 S **STATE** KS
 I **JOB DESCRIPTION** Acid Clean Tub / Casing-N
 T
 E **JOB CONTACT**

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40712090	37726		Net - 30 days	05/14/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 04/11/2014 to 04/11/2014				
0040712090				
171704215A Acid Clean Tub / Casing-N 04/11/2014				
Acidize				
10% HCl Acid	5,000.00	GAL	1.11	5,525.00
NE Acid Conversion	5,000.00	GAL	0.08	390.00
FE Acid Conversion	5,000.00	GAL	0.16	812.50
CIA-1 EP	10.00	EA	48.75	487.50
Claymax	2.00	EA	22.75	45.50
Acid Pump Service	1.00	EA	585.00	585.00
Transport Delivery Charge (4 hr min)	1.00	EA	390.00	390.00
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	2.76	165.75
Heavy Equipment Mileage	120.00	MI	4.55	546.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	113.75	113.75

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,061.00
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,061.00
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

1717 9140001

FIELD SERVICE TICKET



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

1717 04215 A

DATE _____ TICKET NO. _____

DATE OF JOB: 4-11-14		DISTRICT: 1717		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:				
CUSTOMER: Lasso Energy		LEASE: Argo			WELL NO. 1			
ADDRESS:				COUNTY: Gray		STATE: Ks		
CITY:				SERVICE CREW: JUAN TOMMY GABRIEL				
AUTHORIZED BY: Jerry Bennett				JOB TYPE: 2-27				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
39878	7							5:30
37223						ARRIVED AT JOB		6:30
37726	-					START OPERATION		7:30
19615	-					FINISH OPERATION		8:10
19857	-					RELEASED		9:00
						MILES FROM STATION TO WELL	60	

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
ak324	10% HCl	✓ gal	5000		8500.00
ask391	NE Acid Conversion	✓ gal	5000		6000.00
ask342	FE Acid Conversion	✓ gal	5000		1250.00
C204	CSA-EP Acid Inhibitor	✓ gal	10		750.00
C704	Claymax KCC Substitute	✓ gal	2		70.00
E300	Acid Pump Service	ea	1		900.00
E110	Transport/Delivery Charges	hr	4		600.00
E100	Unit Mileage Charge Pickups	mi	60		255.00
E101	Heavy Equipment Mileage	mi	120		840.00
S003	Service Supervisor	ea	1		175.00

SUB TOTAL: \$ 9061.00

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: *[Signature]*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

1717 91402407

BASIC

energy services, L.P.

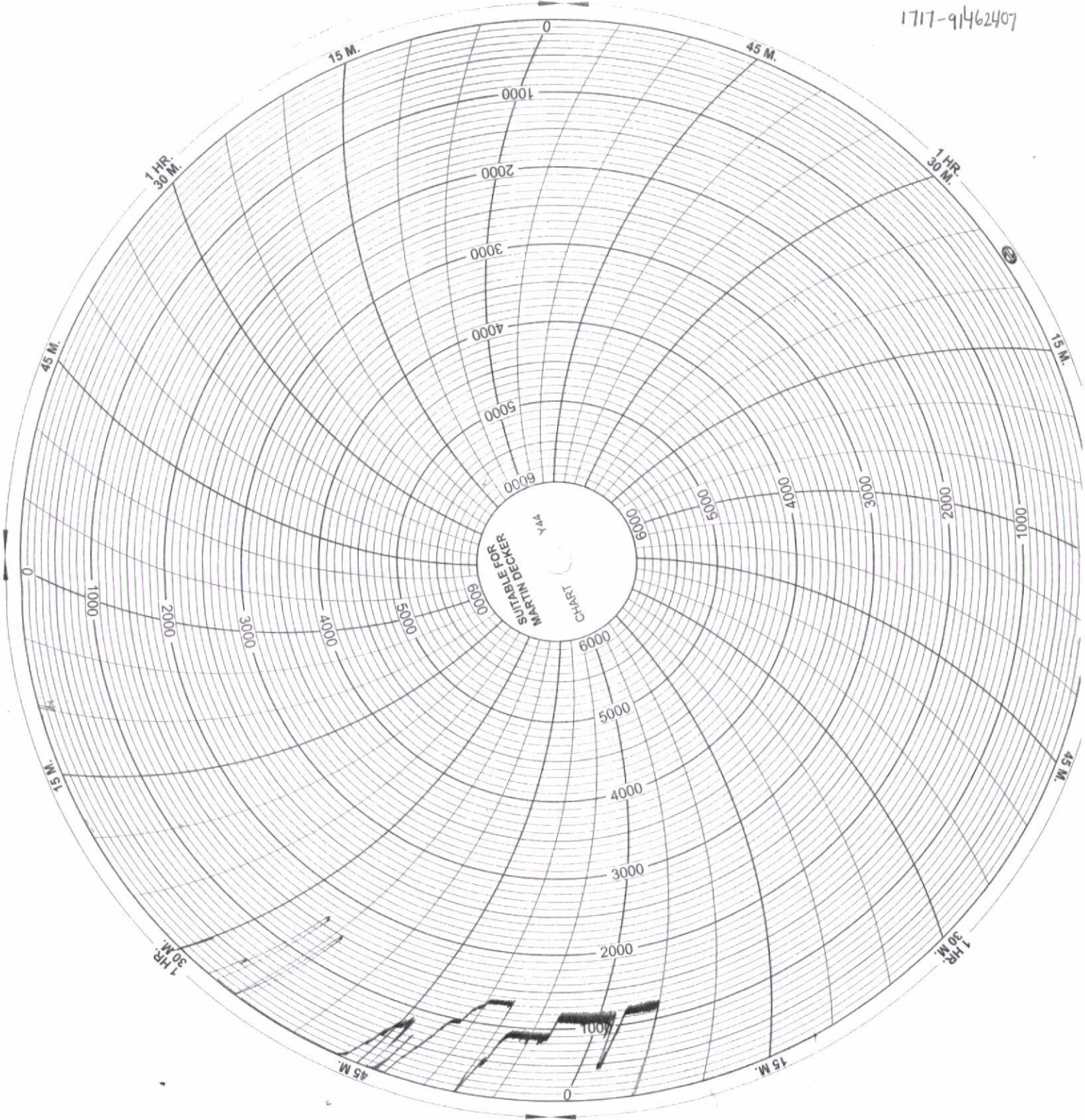
TREATMENT REPORT

Customer Lasso Energy	Lease No.	Date 4-11-14
Lease Argo	Well # 1	
Field Order # 4215	Station 1717	Casing 5 1/2
		Depth 4890
Type Job 2-27	Formation Cherokee Mississippi Shale	County Gray
		State KS
		Legal Description Sec 30-255-29

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 3/8	Shots/Ft		Acid 5000 gal 10% HCl	RATE	PRESS	ISIP 650	
Depth 190'	Depth 4700	From 4720	To 4890	Pre Pad	Max		5 Min. 380	
Volume 9.52	Volume 12.19	From	To	Pad	Min		10 Min. 350	
Max Press 0	Max Press 2500	From	To	Frac	Avg		15 Min. 320	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure 0	
Plug Depth	Packer Depth 4700	From	To	Flush 96 gal 2% KCl	Gas Volume		Total Load 192 bbls	

Customer Representative Bruce Kalso	Station Manager Jerry Bennett	Treater Juan Ortiz
Service Units 39878	37223	37726
Driver Names Juan	Tommy	Gabriel
	19615	14857

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
6:30					on location
6:45					Safety Meetings Rigup
7:34		2500	1	—	Prime up Ps: Test
7:38		100	1	6.0	Start 5000 gal 10% HCl
7:43		450	18	2.0	Loaded
7:45		650	23	4.0	inc Rate
7:46		2500	30	6.0	inc Rate
7:47		2300	35	6.0	Broke Back 2300 psi
7:57		2250	119	6.0	Start Displacement
8:04		2300	23	—	Shut Down
8:05		650			ISIP
8:10		380			5
8:15		350			10
8:19		320			15



1717-91462407

Lasso Energy

Argo #1

500 opd 10%

Juan, Tommy, Gabe