Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1216151

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 # 34856
Name: Ring Energy, Inc.
Address 1: PO BOX 11350
Address 2:
City: MIDLAND State: TX Zip: 79702 + ____
Contact Person: Jeremy Heatley
Phone: (432) 682-7464
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Austin Garner
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 #:

4/1/2014	4/13/2014	5/28/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-081-22045-00-00
Spot Description:
SW SE NE SW Sec. 11 Twp. 27 S. R. 31 ☐ East ☑ West
1500 Feet from ☐ North / ☑ South Line of Section
2200 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Haskell
Lease Name: Ardery 11 Well #: 1
Field Name:
Producing Formation: St Louis
Elevation: Ground: 2801 Kelly Bushing: 2807
Total Vertical Depth: 5336 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1820 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 5000
feet depth to: 3000 w/ 0 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: 08/01/2014
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 08/12/2014

[redacted] 1216151

Operator Name: Ring Energy, Inc. Lease Name: Ardery 11 Well #: 1

Sec. 11 Twp. 27 S. R. 31 ☐ East ☑ West County: Haskell

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

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

Name	Top	Datum
Heebner	4093	
Hushpuckney	4592	
Cherokee	4812	
Morrow	5015	
Miss. St. Gen	5104	
Miss. St. Louis B	5187	

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1820	35/65 Poz A	840	
Production	7.875	5.5	17	5324	Class A	475	

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
4	Morrow	Frac w/ 1k gals 7.5% mud cleanup acid and 85 balls	5032-5036
4	St Louis	Frac w/ 1k gals 15 % HCL and 50 ball sealers	5189-5194

TUBING RECORD: Size: 2.375 Set At: 5082 Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

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

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

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

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

PRODUCTION INTERVAL:

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

Form	ACO1 - Well Completion
Operator	Ring Energy, Inc.
Well Name	Ardery 11 1
Doc ID	1216151

All Electric Logs Run

Array Compensated True Resistivity Log
Microlog
Spectral Density Dual Spaced Neutron Log
Mud log
Sector Bond Log

ALLIED OIL & GAS SERVICES, LLC 053109

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberal Ks.

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
04-03-14	11	T27S	R31W			12:30	1:30 P.m.

LEASE Ardery WELL # 11#1 LOCATION Hwy 83+CR70, 10 M. E, N 4 Mi, E 1/2, N into COUNTY Haskell STATE Ks.

OLD OR (NEW) (Circle one)

CONTRACTOR Val Rig #1 OWNER Ring Energy Inc.

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1820 ft

CASING SIZE 8 5/8 24# DEPTH 1818 ft

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1300 PSI MINIMUM

MEAS. LINE SHOE JOINT 42.17 ft

CEMENT LEFT IN CSG. 2.68 BBls

PERFS.

DISPLACEMENT 113 BBls.

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez
#531-541 HELPER Jaime Torres.
BULK TRUCK
#705-642 DRIVER Gregory Randall.
BULK TRUCK
#868-842 DRIVER Jose Calderon.

CEMENT

AMOUNT ORDERED 640sk 65/35/6% Gel, 3% cc, 1/4 lb/sk Floseal
200 sk 'A' 2% cc, 1/4 F.S.

		@	
COMMON	'A' 200 sk	@ 17.90	3,580.00
POZMIX		@	
GEL		@	
CHLORIDE	26 sk	@ 64.00	1,664.00
ASC		@	
ALWC 'A'	640 sk	@ 16.50	10,560.00
FloSeal	210 lb	@ 2.97	623.70
HANDLING	950.20 Cu ft	@ 2.48	2,356.50
MILEAGE	2001.93 Ton Mi	@ 2.60	5,205.02

TOTAL 23,989.22

REMARKS:

SERVICE

DEPTH OF JOB 1820 ft

PUMP TRUCK CHARGE 2,213.75

		@	
EXTRA FOOTAGE		@	
MILEAGE	heavy 50 Mi	@ 7.70	385.00
MANIFOLD	+head 1	@ 275.00	275.00
Light Vehicle	50 Mi	@ 4.40	220.00

TOTAL 3093.75

CHARGE TO: Ring Energy Inc.

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

		@	
Guide Shoe	1	@ 460.98	460.98
AFU Float Valve	1	@ 446.94	446.94
Top rubber plug	1	@ 131.04	131.04
Cement Basket	1	@ 559.26	559.26
Centralizer	16	@ 74.88	1,198.08

TOTAL 2,796.30

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)

TOTAL CHARGES 29,879.27 2870

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE Robert W. M (NET = 21,513.07)

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

Date 4/3/2014 District Liberal # 21 Ticket No. 53109
Company ring energy Rig
Lease ARDERY Well No 11 # 1
County HASKEL State KS.
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc. ☑ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type j-55 Weight 24# Collar

Casing Depths Top Bottom 1800 FT.

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.0637	LIN. FT/BBL	15.698
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0735	LIN. FT/BBL	13.605
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

CEMENT DATA
Spacer Type 10 BBLS H20
Amt. Sks Yield ft³/sk Density 8.34 PPG

LEAD: Time hrs. Type 65/35/6%GEL
3%CC, 1/4 FLOSEAL Excess
Amt. 640 Sks Yield 1.97 ft³/sk Density 12.52 PPG
TAIL: Time hrs. Type CLASS A NEAT
Excess
Amt. 200 Sks Yield 1.2 ft³/sk Density 15.6 PPG
WATER Lead 10.7 Gal/sk Tail 5.22 Gal/sk Total 187.4 BBLS

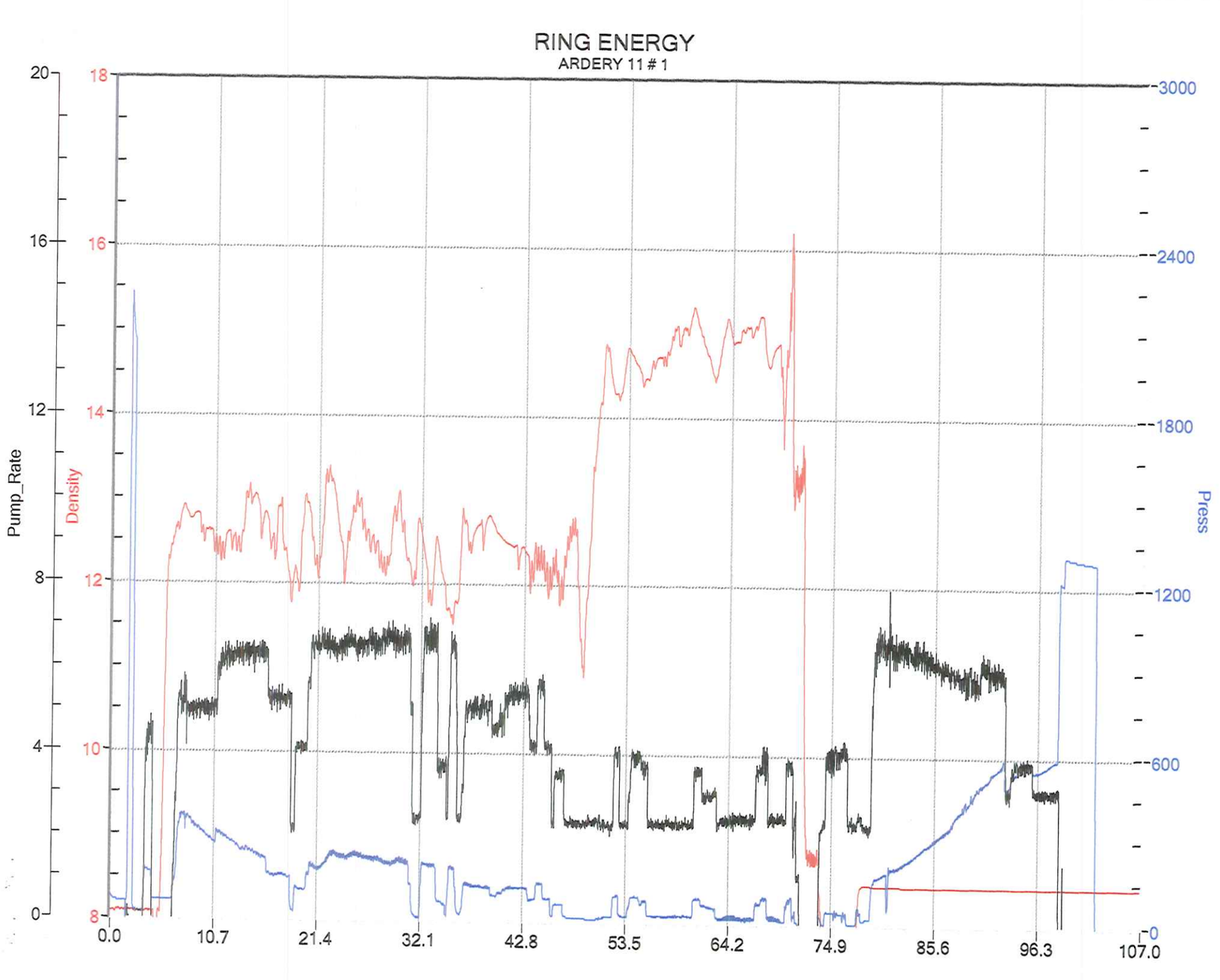
Pump Trucks Used: 531-541
Bulk Equipment 705-642
868-842

Float Equipment: Manufacturer WEATHERFORD
Shoe: Type GUIDESHOE Depth 1800 FT.
Float: Type AFU INSERT FLOAT Depth 1775.83 ft
Centralizers: Quantity 16 Plugs Top 1 Bottom
Stage Collars
Special Equipment
Disp: Fluid Type H20 Amt 113 bbls Weight 8.34 PPG
Mud Type Weight

COMPANY REPRESENTATIVE Ryleigh M CEMENTER Ruben Chavez

TIME (AM/PM)	PRESSURES PSI DRILL PIPE CASING	PRESSURES PSI ANNULUS	FLUID PUMPED DATA TOTAL FLUID	FLUID PUMPED DATA PUMPED PER TIME PERIOD	FLUID PUMPED DATA RATE BBLS/MIN	REMARKS
8:00						Got To Location Spot Truks, And Rig Up.
11:45						Have A Pre-job Safety Meeting
11:58	350			2	2	pu mp 2bb s h20 to fill up pumping lines
12:00						PRESSURE TEST pumplines to 2500 psi
12:03	350		5	3	4	Pump 8 bbls h20 spacer
12:05	350		209.5	224.5	6	Start pumping lead cement 640 sk.
12:44	220		272.2	42.7	4	Start pumping tail cement 200 sk.
1:03						shut down
						wash pump
1:06						drop plug
1:08	0		372.2	106	6	staryt displacement
1:26	570		385.2	13	3	slow down pump rate
1:30	800					fin ished displacement
1:35	0					bump plug at 1300 PSI
						release pressure ,float held good
						circulate 50 bbls of slurry
						job finished
						rig down
						thanky.ou

FINAL DISP. PRESS. 800 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 1/2 BBLS THANK YOU


RING ENERGY
ARDERY 11 # 1
Pump_Rate
Density
Press
20
16
12
8
4
0
18
16
14
12
10
8
3000
2400
1800
1200
600
0
0.0
10.7
21.4
32.1
42.8
53.5
64.2
74.9
85.6
96.3
107.0

ALLIED OIL & GAS SERVICES, LLC

052441

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberal, ks

DATE 4/12/14	SEC. 11	TWP. 27S	RANGE 31 W	CALLED OUT	ON LOCATION	JOB START 7:30 Pm	JOB FINISH 9.40 Pm
LEASE Ardery 11	WELL # 1	LOCATION Sublette, ks North to CR-70-10 east - 4 North - 1/2 east - North into				COUNTY Finney	STATE ks
OLD OR NEW (Circle one) — NEW circled							

CONTRACTOR Val Rig 1

OWNER Ring Energy Inc

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5335

CASING SIZE 5 1/2 DEPTH 5326.47

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 5000 PSI MINIMUM

MEAS. LINE SHOE JOINT 44.34

CEMENT LEFT IN CSG. 44.34 ft

PERFS.

DISPLACEMENT 123 bbls Fresh Water

EQUIPMENT

PUMP TRUCK #530-484 CEMENTER Edgar Rodriguez

HELPER Heriberto V.

BULK TRUCK #705 B642 DRIVER Greg R.

BULK TRUCK #868-842 DRIVER Alex A.

REMARKS:

CHARGE TO: Ring Energy INC

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Robert W. Mickelson

SIGNATURE Robert W. M

CEMENT

AMOUNT ORDERED 200 SKS AMDC Class A, 2% gypseal 2% nams, 2% NaCl, 4% gel, 0.25 lb/sk flo-seal. 275 SKS ASBC Class A, 6 lb NaCl, 5.5% Gypseal, 2% gel, 0.8% FL-160 5 lb/sk kolseal

COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
SuperFlush	20 bbls	@ 58.70	1174.00
Allied Multi Density Cmt A	200 sks	@ 25.90	5180.00
Flo-seal	50#	@ 2.97	148.50
Allied Special Blend Cmt	275 sks	@ 20.90	5747.50
FL-160	207#	@ 18.90	3912.30
Kolseal	1375#	@ 0.98	1347.50
		@	
		@	
HANDLING	600.79 ft³	@ 2.48	1489.97
MILEAGE	1293.76 ton mile	2.60	3363.79
		TOTAL	22,363.56

SERVICE

DEPTH OF JOB			5326.47'
PUMP TRUCK CHARGE	1	3099.25	3099.25
EXTRA FOOTAGE		@	
MILEAGE Light vehicle	50 mile	@ 4.40	220.00
MANIFOLD	1	@ 275.00	275.00
Heavy vehicle	50 mile	@ 7.70	385.00
Addition Hrs	2 Hrs	@ 440.00	880.00
		TOTAL	4859.25

PLUG & FLOAT EQUIPMENT

AFU Float Shoe	1	@ 408.33	408.33
Latchdown Plug	1	@ 324.09	324.09
Cement Basket	5	@ 394.29	1971.45
Centralizers	15	@ 57.33	859.95
		@	
		TOTAL	3563.82

SALES TAX (If Any)

TOTAL CHARGES 30,786.63

DISCOUNT 8620.26 / 28% IF PAID IN 30 DAYS

Net = 22,166.37

CEMENTING LOG

ALLIED OIL & GAS SERVICES, LLC

Date 4/12/2014 District Liberal # 21 Ticket No. 52441
Company Ring Energy Inc. Rig Val 1
Lease Ardery Well No 11 #1
County Finney State Ks
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc.
☐ Surface ☐ Intermediate ☑ Production ☐ Liner
Size 5 1/2 Type Weight 17# Collar

Casing Depths Top Bottom 5326.47

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.232	LIN. FT/BBL	
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	32.4066
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT		LIN. FT/BBL	
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

CEMENT DATA
Spacer Type Superflush
Amt. Sks Yield ft³/sk Density 8.5 PPG

LEAD: Time hrs. Type AMDC Class A
2% gypseal, 2% NAMS, 2% NaCi, 4% gel, 0.25 flo-seal Excess 25%
Amt. 200 Sks Yield 2.68 ft³/sk Density 11.8 PPG
TAIL: Time hrs. Type ASBC Class A
6 lb NaCi, 5.5% gypseal, 2% gel, 0.8% fl-160, 5 lb kol seal Excess 25%
Amt. 275 Sks Yield 1.58 ft³/sk Density 14.5 PPG
WATER Lead 16 Gal/sk Tail 6.98 Gal/sk Total 187 BBLS

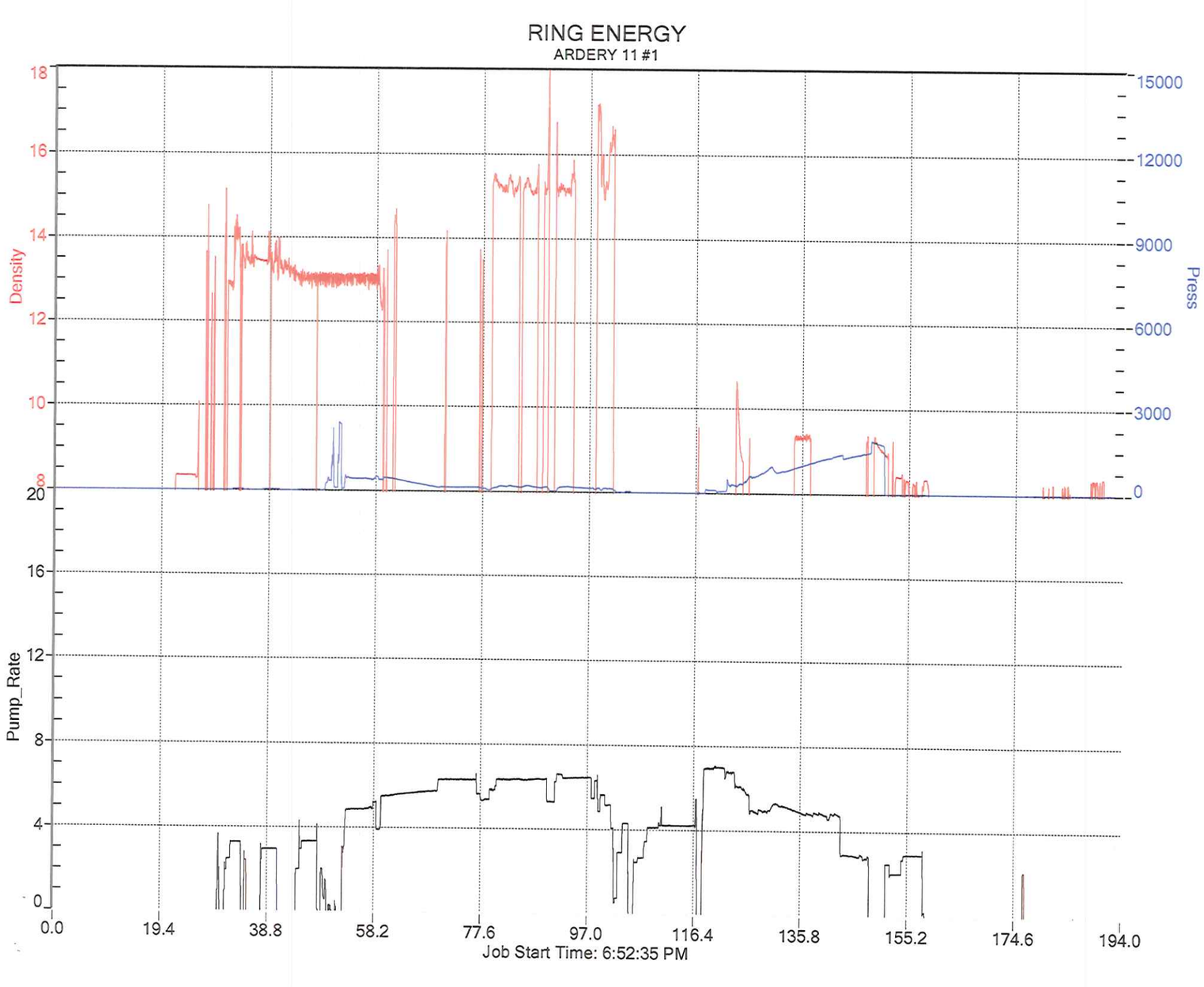
Pump Trucks Used: 530-484
Bulk Equipment 705-B642
868-842

Float Equipment: Manufacturer
Shoe: Type AFU FLOAT SHOE Depth
Float: Type BAFFLE Depth
Centralizers: Quantity 15 Plugs Top 1 Bottom
Stage Collars CEMENT BASKET (5)
Special Equipment
Disp: Fluid Type FRESH WATER Amt 123 bbls Weight 8.33 PPG
Mud Type Weight

COMPANY REPRESENTATIVE Robert W. M CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
1:00 pm						Got to location & spoted trucks
1:20						Rig Up Trucks. Rig running casing
6:30						Casing on bottom
6:40						Stab cmt head so they can circulate while casing crew rigs down
7:20						Performed safety meeting
7:38	100		8		3	Plug mouse hole. Plug rat hole. Took 17 sks (8 bbls) total to plug
7:58	2120					Pressure tested lines 2000 psi
8:01	430		20		4	Pump 20 bbls of superflush
8:05	230		87		5	Pump 183 sks of lead cmt (87 bbls @11.8)
8:29	180		77		5	Pump 275 sks of tail cmt (77 bbls @14.5)
8:57						Shutdown / Clean lines / Drop plug
9:06	110				7.5	Pump 123 bbls of displacement
9:14	280		40		6	Displacement reached cmt
9:32	1370		110		3	Slow rate to bump plug
9:37	1300		123		3	Bumped plug. Landed at 1300 psi and took up to 1820 psi
9:39						Check floats. 1/2 bbl back
9:40						End job. Good returns
9:50						Rig down trucks
11:00 pm						Crew leave location

FINAL DISP. PRESS. 1300 PSI BUMP PLUG TO 1830 PSI BLEEDBACK 1/2 BBLS THANK YOU


RING ENERGY
ARDERY 11 #1
Density
Press
Pump_Rate
18
16
14
12
10
8
20
16
12
8
4
0
15000
12000
9000
6000
3000
0
0.0
19.4
38.8
58.2
77.6
97.0
116.4
135.8
155.2
174.6
194.0
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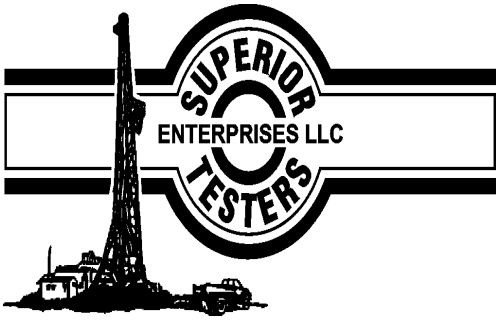


DRILL STEM TEST REPORT

Prepared For: **Ring Energy Inc.**

PO Box 11350
Midland Texas 79702

ATTN: Austin Gazneiz

Audrey 11 #1

11-27s-31w-Haskell

Start Date: 2014.04.07 @ 04:56:00

End Date: 2014.04.07 @ 15:26:30

Job Ticket #: 183133 DST #: 1

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2014.04.08 @ 03:38:53

DRILL STEM TEST REPORT

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Gazneiz

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 183133 **DST#: 1**

Test Start: 2014.04.07 @ 04:56:00

GENERAL INFORMATION:

Formation: **Lansing KC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:10:30
Time Test Ended: 15:26:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-141

Interval: 4540.00 ft (KB) To 4573.00 ft (KB) (TVD)
Total Depth: 4573.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

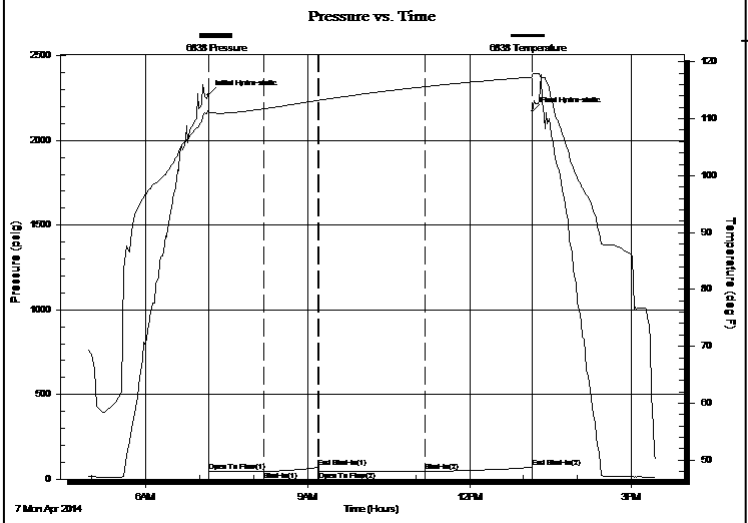
Reference Elevations: 2816.00 ft (KB)
2806.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6838 **Inside**

Press@RunDepth: 45.56 psig @ 4573.00 ft (KB)
Start Date: 2014.04.07 End Date: 2014.04.07
Start Time: 04:56:00 End Time: 15:26:30

Capacity: 5000.00 psig
Last Calib.: 2014.04.08
Time On Btm: 2014.04.07 @ 07:10:00
Time Off Btm: 2014.04.07 @ 13:10:00

TEST COMMENT: 1st Open 60 minutes Very weak surface blow died off after 26 minutes .
1st Shut in 60 minutes No blow back
2nd Open 120 minutes Dead
2nd Shut in 120 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.31	111.68	Initial Hydro-static
1	44.14	111.33	Open To Flow (1)
62	45.10	111.75	Shut-In(1)
122	68.73	113.24	End Shut-In(1)
123	46.55	113.25	Open To Flow (2)
241	45.56	115.65	Shut-In(2)
360	69.54	117.34	End Shut-In(2)
360	2171.26	117.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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

DRILL STEM TEST REPORT

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Gazneiz

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 183133 **DST#: 1**

Test Start: 2014.04.07 @ 04:56:00

GENERAL INFORMATION:

Formation: **Lansing KC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:10:30
Time Test Ended: 15:26:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-141

Interval: 4540.00 ft (KB) To 4573.00 ft (KB) (TVD)
Total Depth: 4573.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

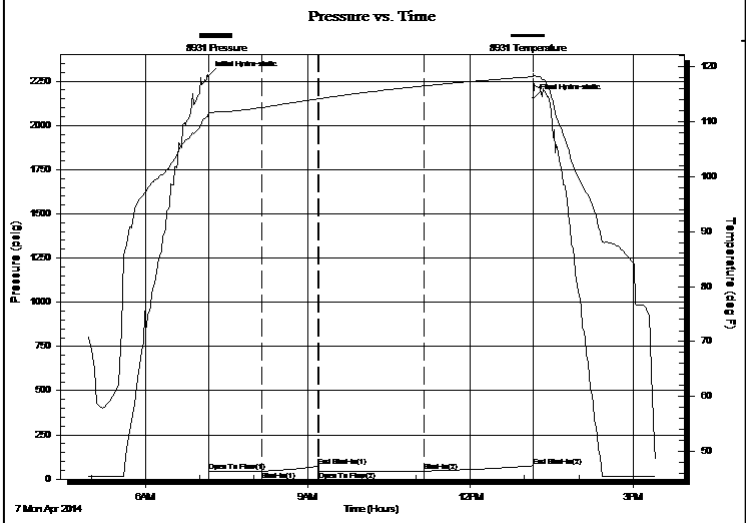
Reference Elevations: 2816.00 ft (KB)
2806.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8931 **Outside**

Press@RunDepth: 75.35 psig @ 4573.00 ft (KB)
Start Date: 2014.04.07 End Date: 2014.04.07
Start Time: 04:56:00 End Time: 15:26:00

Capacity: 5000.00 psig
Last Calib.: 2014.04.08
Time On Btm: 2014.04.07 @ 07:09:30
Time Off Btm: 2014.04.07 @ 13:09:30

TEST COMMENT: 1st Open 60 minutes Very weak surface blow died off after 26 minutes .
1st Shut in 60 minutes No blow back
2nd Open 120 minutes Dead
2nd Shut in 120 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.28	111.84	Initial Hydro-static
1	44.05	111.40	Open To Flow (1)
60	45.78	112.52	Shut-In(1)
122	72.45	114.09	End Shut-In(1)
123	45.68	114.10	Open To Flow (2)
239	46.32	116.43	Shut-In(2)
360	75.35	118.11	End Shut-In(2)
360	2153.26	118.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Gazneiz

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 183133 **DST#: 1**

Test Start: 2014.04.07 @ 04:56:00

Tool Information

Drill Pipe:	Length:	4533.00 ft	Diameter:	3.80	inches	Volume:	63.59	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
						Total Volume:	63.59	bbl	

Drill Pipe Above KB:	16.00 ft
Depth to Top Packer:	4540.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	38.00 ft
Tool Length:	61.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		83000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	75000.00 lb
	Final	75000.00 lb

Tool Comments: Ran 2 Shell Packers

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4522.00		
Hydraulic tool	5.00			4527.00		
Jars	6.00			4533.00		
Safety Joint	2.00			4535.00		
Packer	5.00			4540.00	23.00	Bottom Of Top Packer
packer	5.00			4545.00		
Perforations	28.00			4573.00		
Recorder	0.00	6838	Inside	4573.00		
Recorder	0.00	8931	Outside	4573.00		
Bull Plug	5.00			4578.00	38.00	Anchor Tool
Total Tool Length:	**61.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Gazneiz

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 183133 **DST#: 1**

Test Start: 2014.04.07 @ 04:56:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.00 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.070

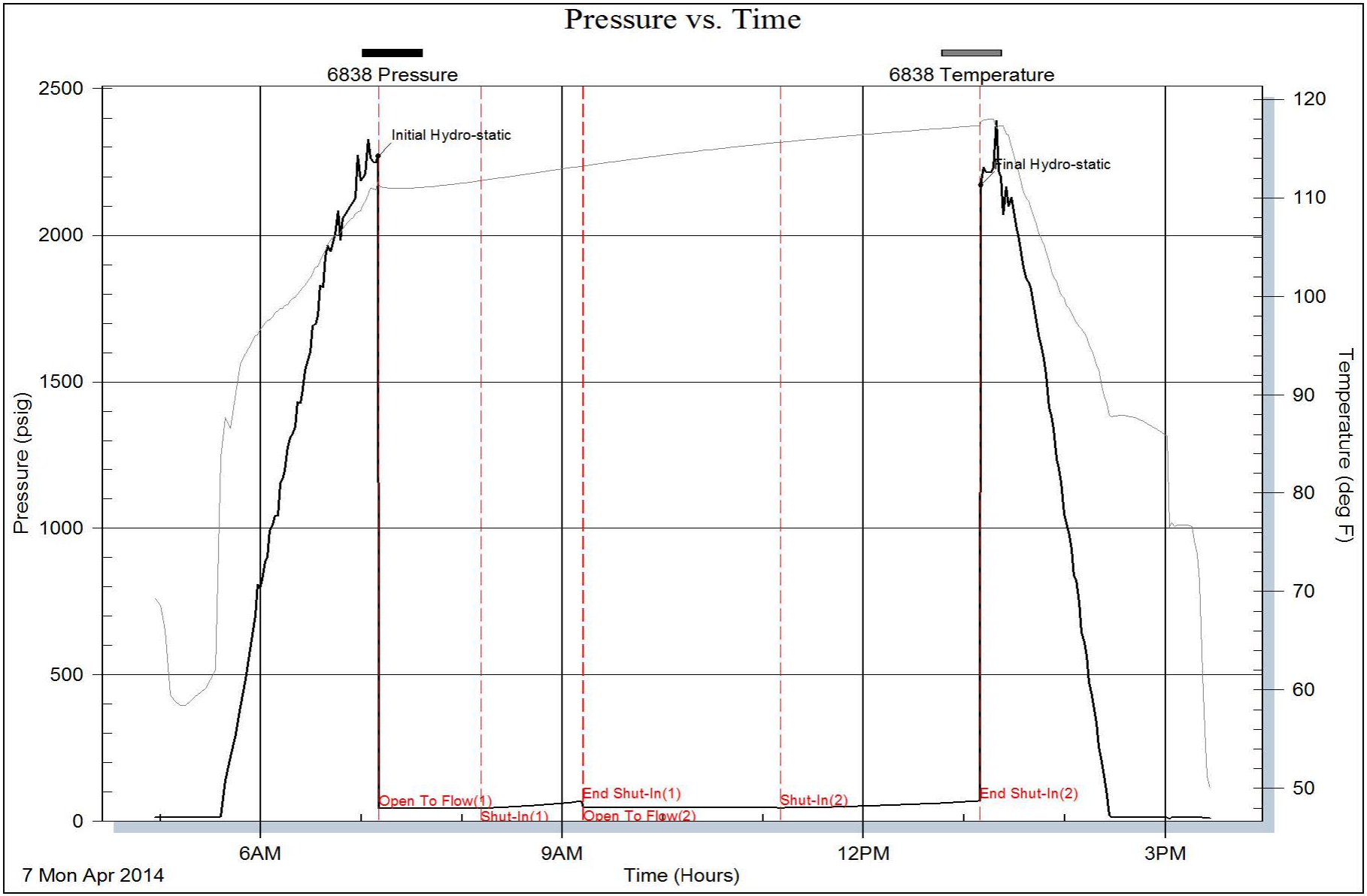
Total Length: 5.00 ft Total Volume: 0.070 bbl

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

Laboratory Name: Laboratory Location:

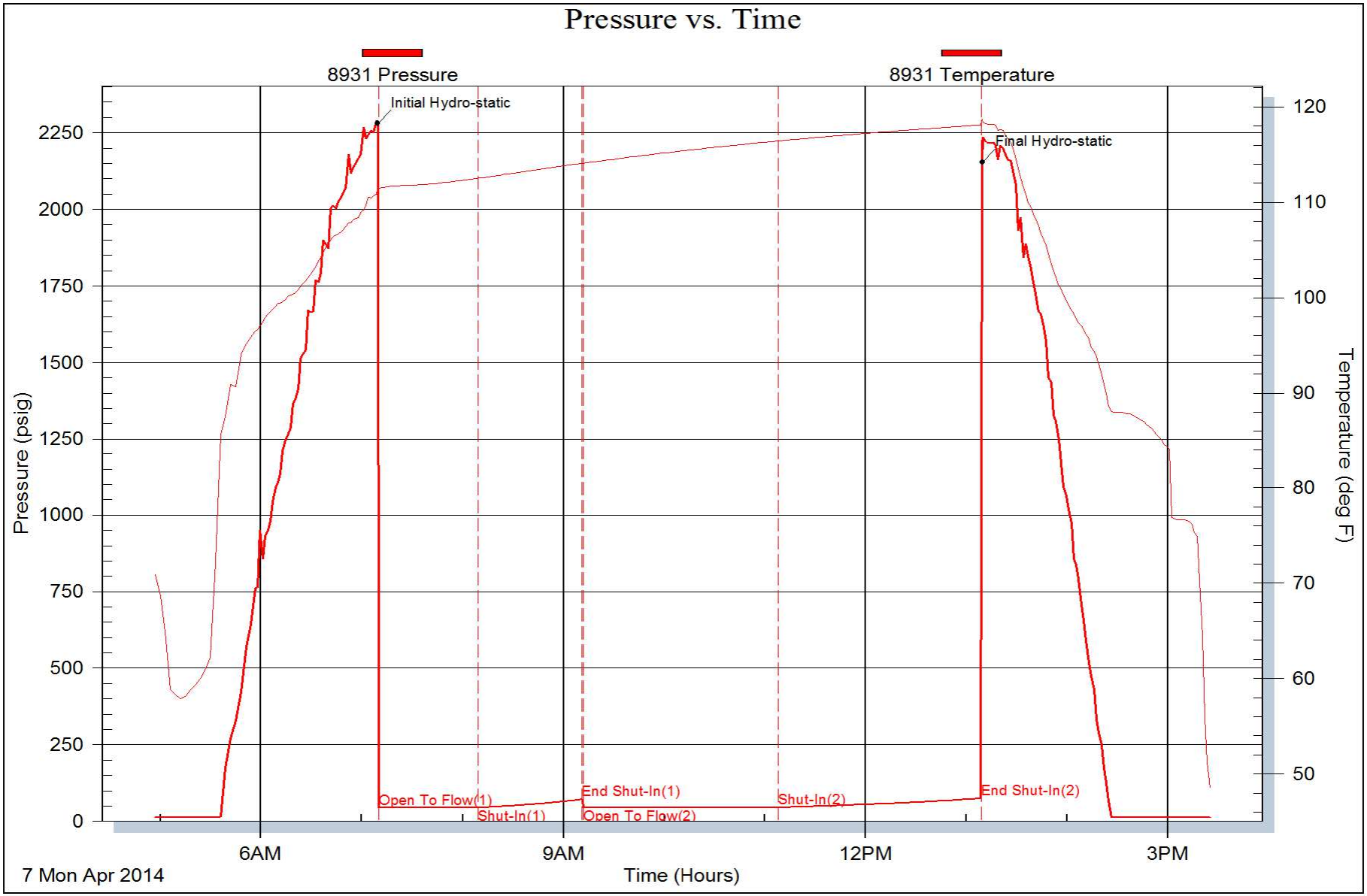
Recovery Comments: Ran 2 Shell Packers

Serial #: 6838 **Inside** Ring Energy Inc. Audrey 11 #1 DST Test Number: 1

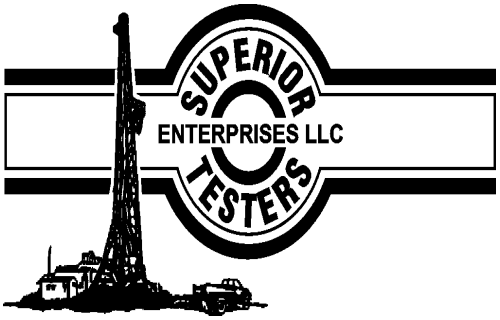


Superior Testers Enterprises LLC Ref. No: 183133 Printed: 2014.04.08 @ 03:38:54

Serial #: 8931 **Outside** Ring Energy Inc. Audrey 11 #1 DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 183133 Printed: 2014.04.08 @ 03:38:54



DRILL STEM TEST REPORT

Prepared For: **Ring Energy Inc.**

PO Box 11350
Midland Texas 79702

ATTN: Austin Garner

Audrey 11 #1

11-27s-31w-Haskell

Start Date: 2014.04.10 @ 12:47:00

End Date: 2014.04.10 @ 23:25:00

Job Ticket #: 18314 DST #: 2

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2014.04.10 @ 11:57:24

DRILL STEM TEST REPORT

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Garner

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 18314 **DST#: 2**

Test Start: 2014.04.10 @ 12:47:00

GENERAL INFORMATION:

Formation: **Morrow sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:32:00
Time Test Ended: 23:25:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-141

Interval: 4990.00 ft (KB) To 5055.00 ft (KB) (TVD)
Total Depth: 5055.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

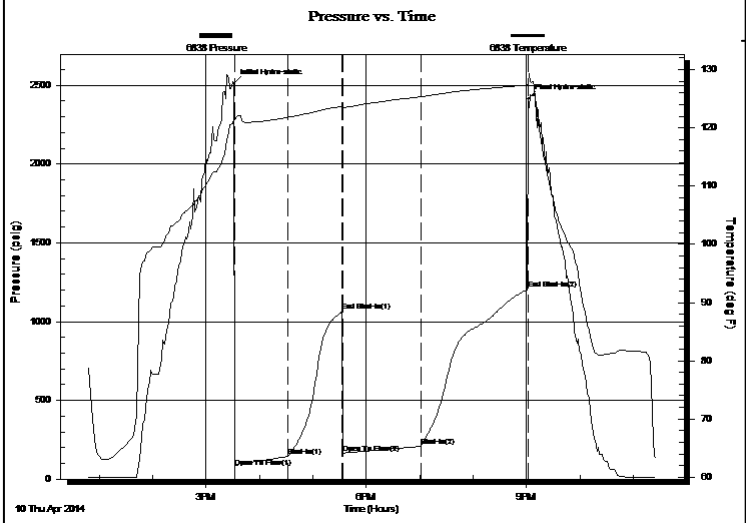
Reference Elevations: 2816.00 ft (KB)
2806.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6838 **Inside**

Press@RunDepth: 208.13 psig @ 5050.85 ft (KB)
Start Date: 2014.04.10 End Date: 2014.04.10
Start Time: 12:47:00 End Time: 23:25:00

Capacity: 5000.00 psig
Last Calib.: 2014.04.10
Time On Btm: 2014.04.10 @ 15:31:00
Time Off Btm: 2014.04.10 @ 21:02:00

TEST COMMENT: 1st Open 60 minutes Good building blow built to the bottom of a 5 gallon bucket of w ater in 5 minutes.
1st Shut in 60 minutes No blow back
2nd Open 90 minutes Strong building blow blew off bottom bucket in 3 minutes.
2nd Shut in 120 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2512.07	121.63	Initial Hydro-static
1	76.61	121.33	Open To Flow (1)
61	143.53	121.79	Shut-In(1)
122	1064.67	123.71	End Shut-In(1)
123	164.19	123.52	Open To Flow (2)
210	208.13	125.36	Shut-In(2)
331	1205.26	127.36	End Shut-In(2)
331	2411.99	127.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	Oil cut mud 30%Oil 70%Mud	1.71
332.00	Gassy oil cut mud	4.66
0.00	Oil 60% Gas30% Mud10%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Garner

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 18314 **DST#: 2**

Test Start: 2014.04.10 @ 12:47:00

GENERAL INFORMATION:

Formation: **Morrow sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:32:00
Time Test Ended: 23:25:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-141

Interval: 4990.00 ft (KB) To 5055.00 ft (KB) (TVD)
Total Depth: 5055.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

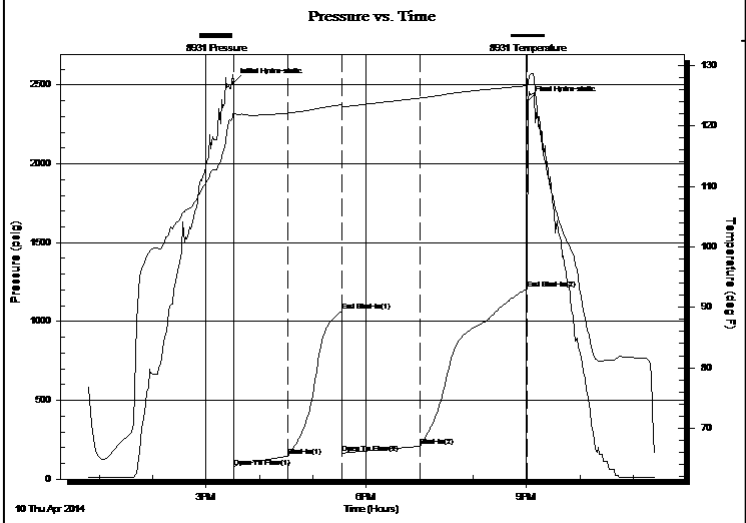
Reference Elevations: 2816.00 ft (KB)
2806.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8931 **Outside**

Press@RunDepth: 1206.29 psig @ 5050.85 ft (KB)
Start Date: 2014.04.10 End Date: 2014.04.10
Start Time: 12:47:00 End Time: 23:25:00

Capacity: 5000.00 psig
Last Calib.: 2014.04.10
Time On Btm: 2014.04.10 @ 15:30:30
Time Off Btm: 2014.04.10 @ 21:01:30

TEST COMMENT: 1st Open 60 minutes Good building blow built to the bottom of a 5 gallon bucket of w ater in 5 minutes.
1st Shut in 60 minutes No blow back
2nd Open 90 minutes Strong building blow blew off bottom bucket in 3 minutes.
2nd Shut in 120 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2512.96	122.69	Initial Hydro-static
1	75.27	122.12	Open To Flow (1)
62	145.62	122.12	Shut-In(1)
122	1065.36	123.49	End Shut-In(1)
123	166.23	123.25	Open To Flow (2)
210	209.01	124.60	Shut-In(2)
331	1206.29	126.65	End Shut-In(2)
331	2400.64	127.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	Oil cut mud 30%Oil 70%Mud	1.71
332.00	Gassy oil cut mud	4.66
0.00	Oil 60% Gas30% Mud10%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Garner

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 18314 **DST#: 2**

Test Start: 2014.04.10 @ 12:47:00

Tool Information

Drill Pipe:	Length:	4972.00 ft	Diameter:	3.80 inches	Volume:	69.74 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		110000.0 lb
					Total Volume:	69.74 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight:	Initial	80000.00 lb
Depth to Top Packer:		4990.00 ft						Final	82000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		65.85 ft							
Tool Length:		93.85 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			4967.00		
Hydraulic tool	5.00			4972.00		
Jars	6.00			4978.00		
Safety Joint	2.00			4980.00		
Top Packer	5.00			4985.00		
Packer	5.00			4990.00	28.00	Bottom Of Top Packer
Anchor	5.00			4995.00		
Change Over Sub	0.75			4995.75		
Drill Pipe	31.35			5027.10		
Change Over Sub	0.75			5027.85		
Anchor	23.00			5050.85		
Recorder	0.00	6838	Inside	5050.85		
Recorder	0.00	8931	Outside	5050.85		
Bull Plug	5.00			5055.85	65.85	Anchor Tool
Total Tool Length:	**93.85**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Ring Energy Inc.

PO Box 11350
Midland Texas 79702

ATTN: Austin Garner

11-27s-31w-Haskell

Audrey 11 #1

Job Ticket: 18314 **DST#: 2**

Test Start: 2014.04.10 @ 12:47:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	Oil cut mud 30%Oil 70%Mud	1.711
332.00	Gassy oil cut mud	4.657
0.00	Oil 60% Gas30% Mud10%	0.000

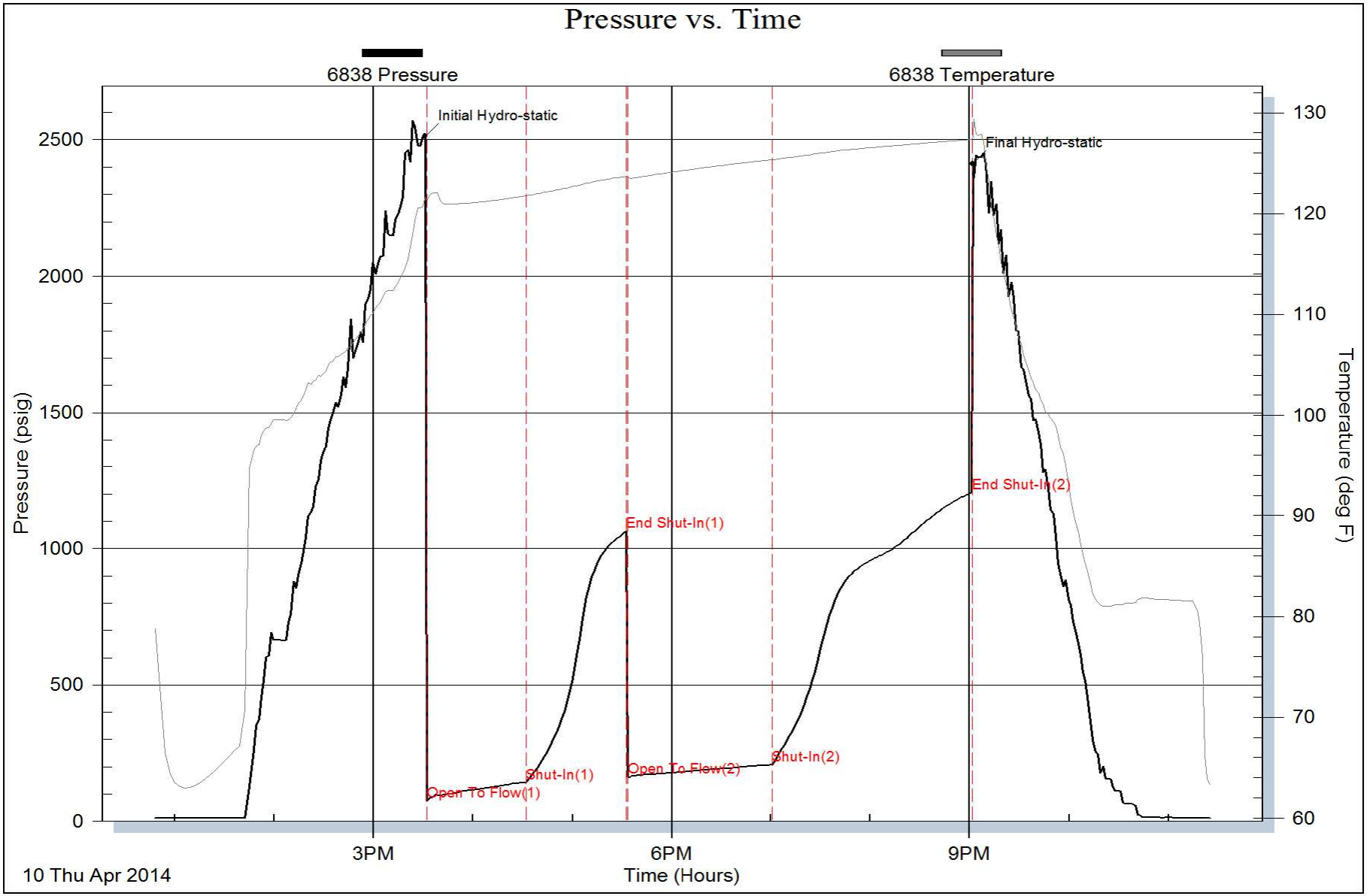
Total Length: 454.00 ft Total Volume: 6.368 bbl

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

Laboratory Name: Laboratory Location:

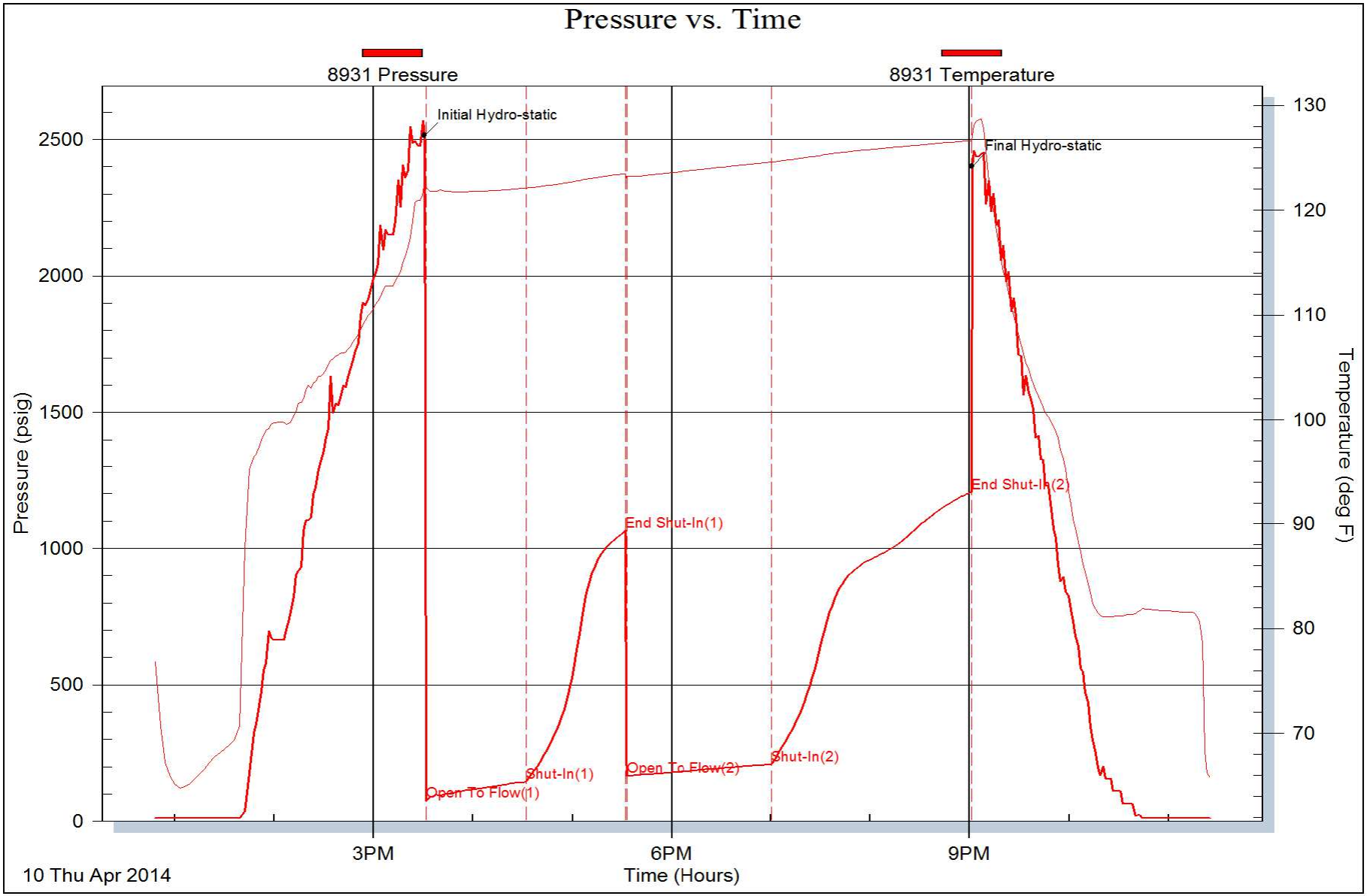
Recovery Comments:

Serial #: 6838 **Inside** Ring Energy Inc. Audrey 11 #1 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 18314 Printed: 2014.04.10 @ 11:57:25

Serial #: 8931 **Outside** Ring Energy Inc. Audrey 11 #1 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 18314 Printed: 2014.04.10 @ 11:57:25

MBC WELL LOGGING LLC

Scale 1:240 (5"=100') Imperial

Well Name:	AUDERY 11-1, RING ENERGY INC.		
Location:	HASKELL COUNTY, KANSAS USA		
Licence Number:	34856	Region:	
Spud Date:	4-01-2014	Drilling Completed:	4-11-2014
Surface Coordinates:	1,500'fsl, 2,200'fwl SEC 11-T27S-R31W VAL RIG 1, BOB MICKELSON TP		
Bottom Hole Coordinates:	HLS-DIL/SP/GR CNL/CAL/PE/BHV SONIC SFC DIP METER API-15-081-22045-00		
Ground Elevation (ft):	2806'	K.B. Elevation (ft):	2816'
Logged Interval (ft):	4000 To: 5335	Total Depth (ft):	
Formation:	ST LOUIS		
Type of Drilling Fluid:	MUDCO DRILLING FLUIDS		

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

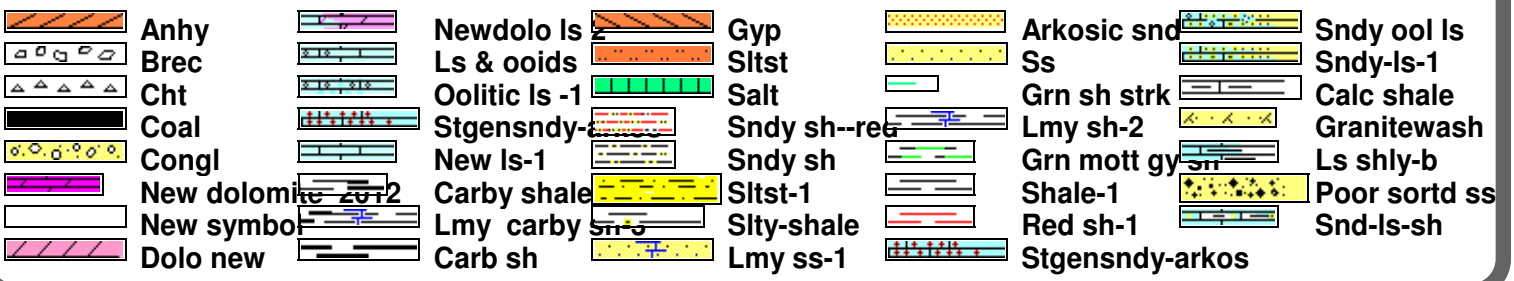
OPERATOR

Company: RING ENERGY INC
Address: JEREMY HEATLEY% -GEOLOGY
PO BOX 11350
MIDLAND, TEXAS 79702

MUDLOGGER

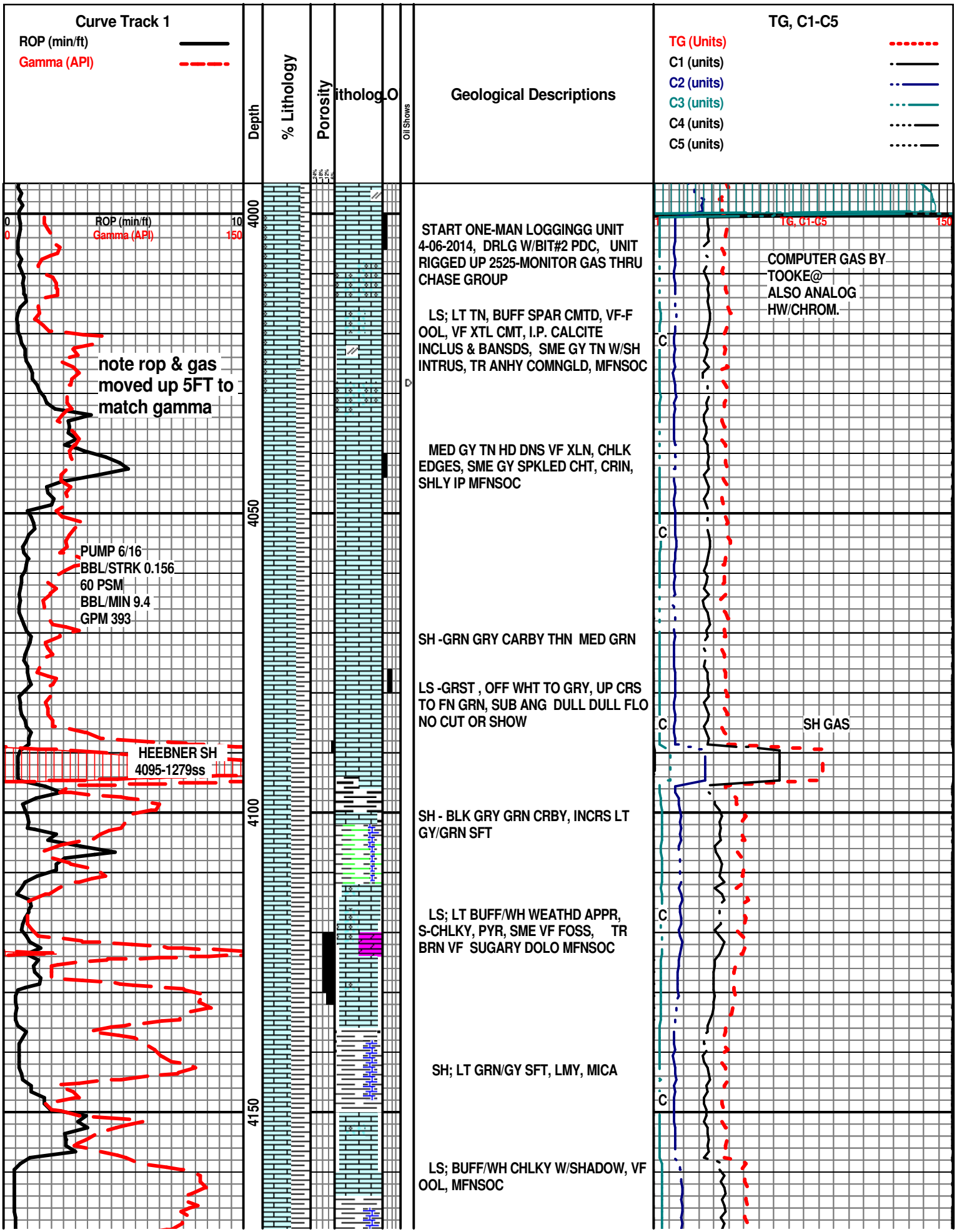
Name: AUSTIN GARNER // MARK CAMPBELL
Company: MBC WELL LOGGING LLC
Address: 21156 RD 22
MEADE, KANSAS 67864

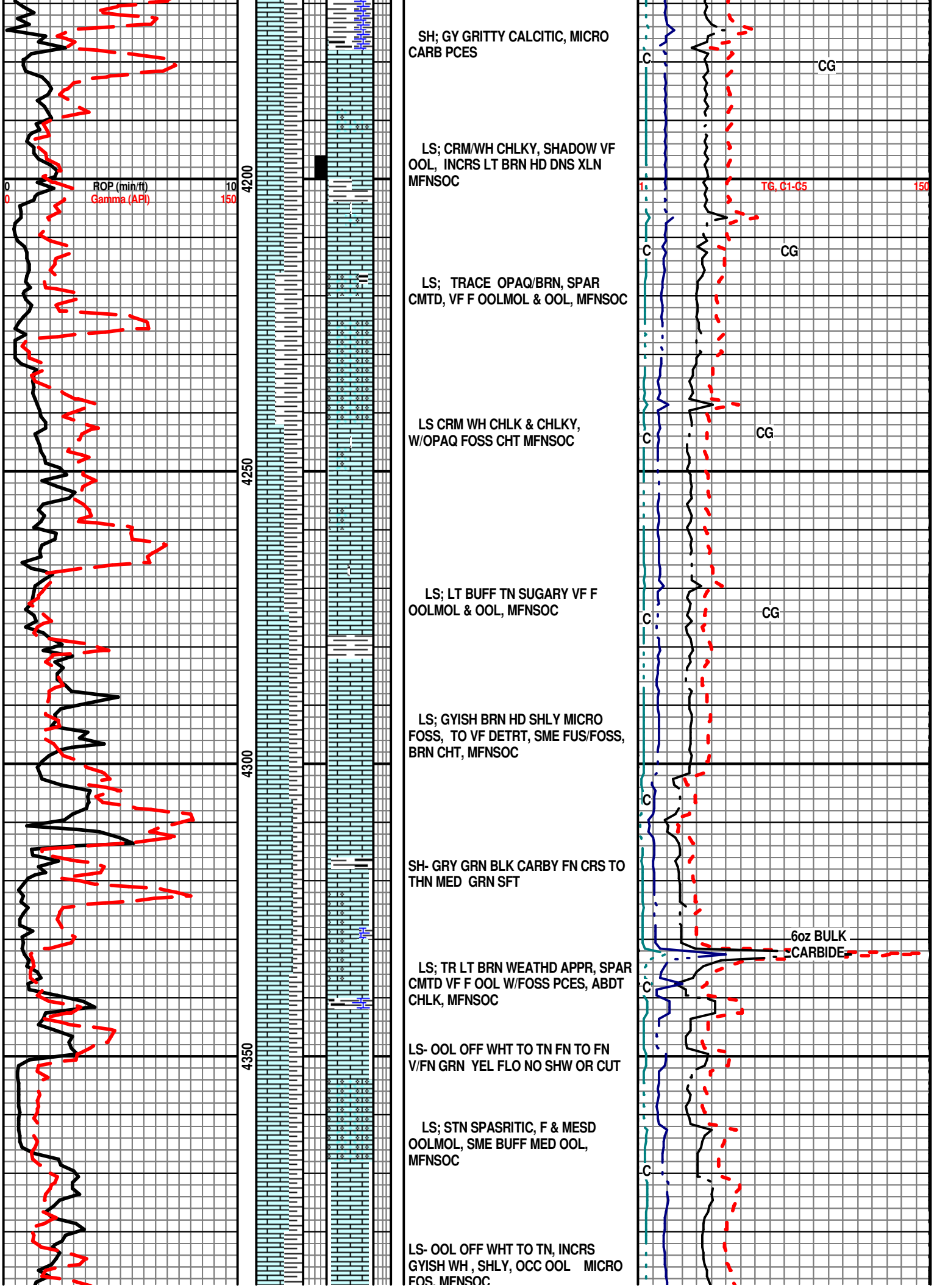
ROCK TYPES

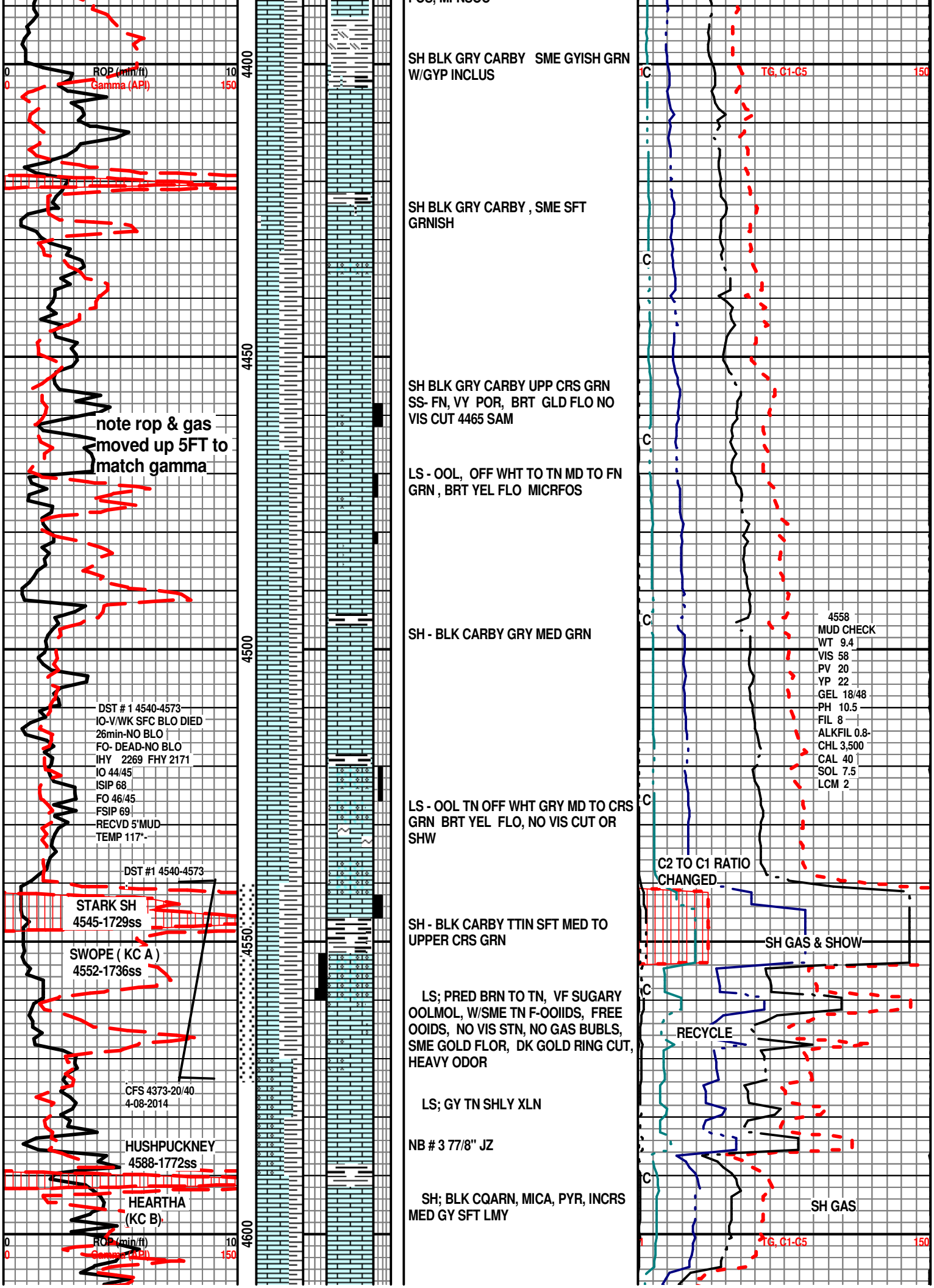


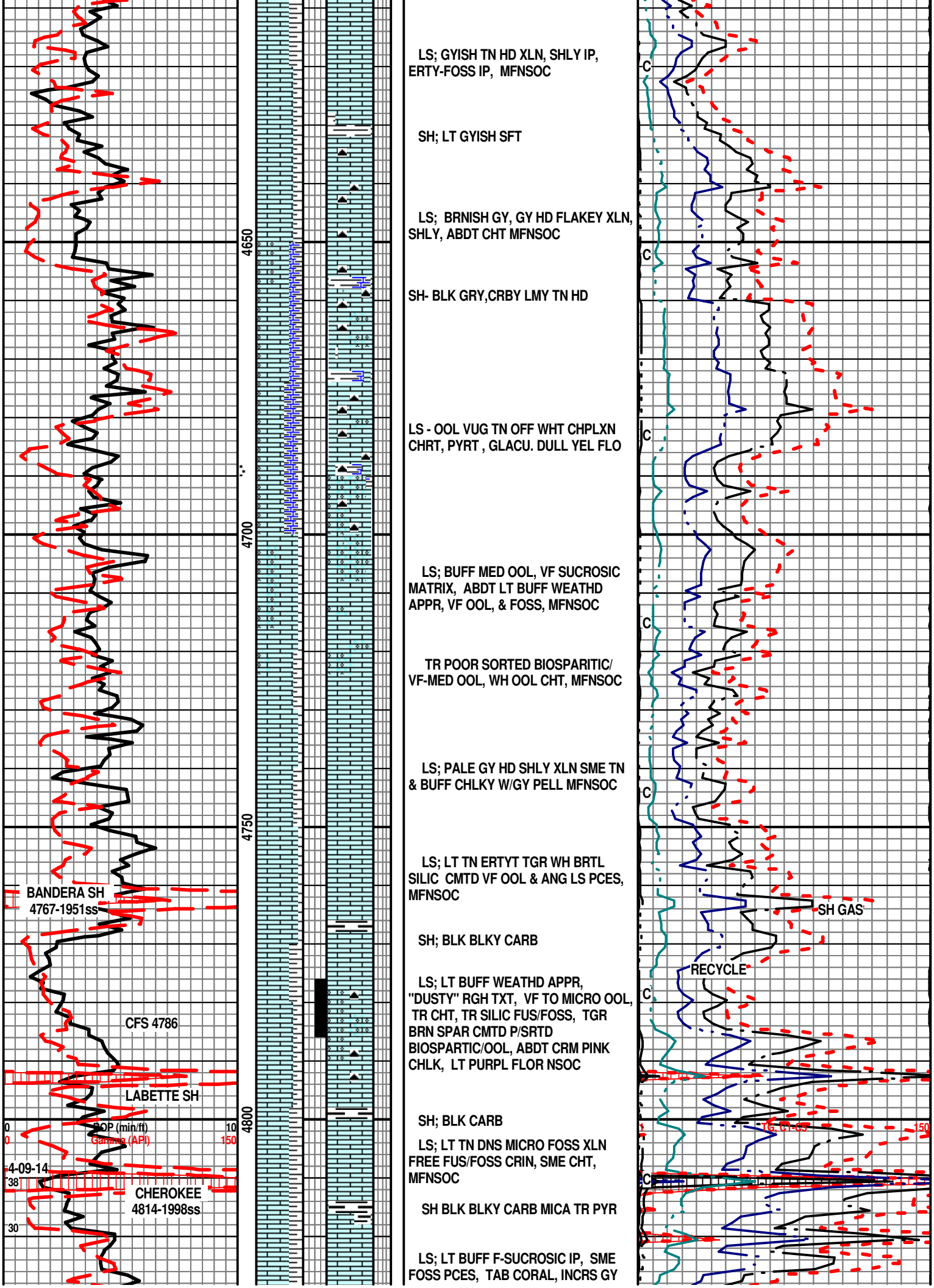
Comments

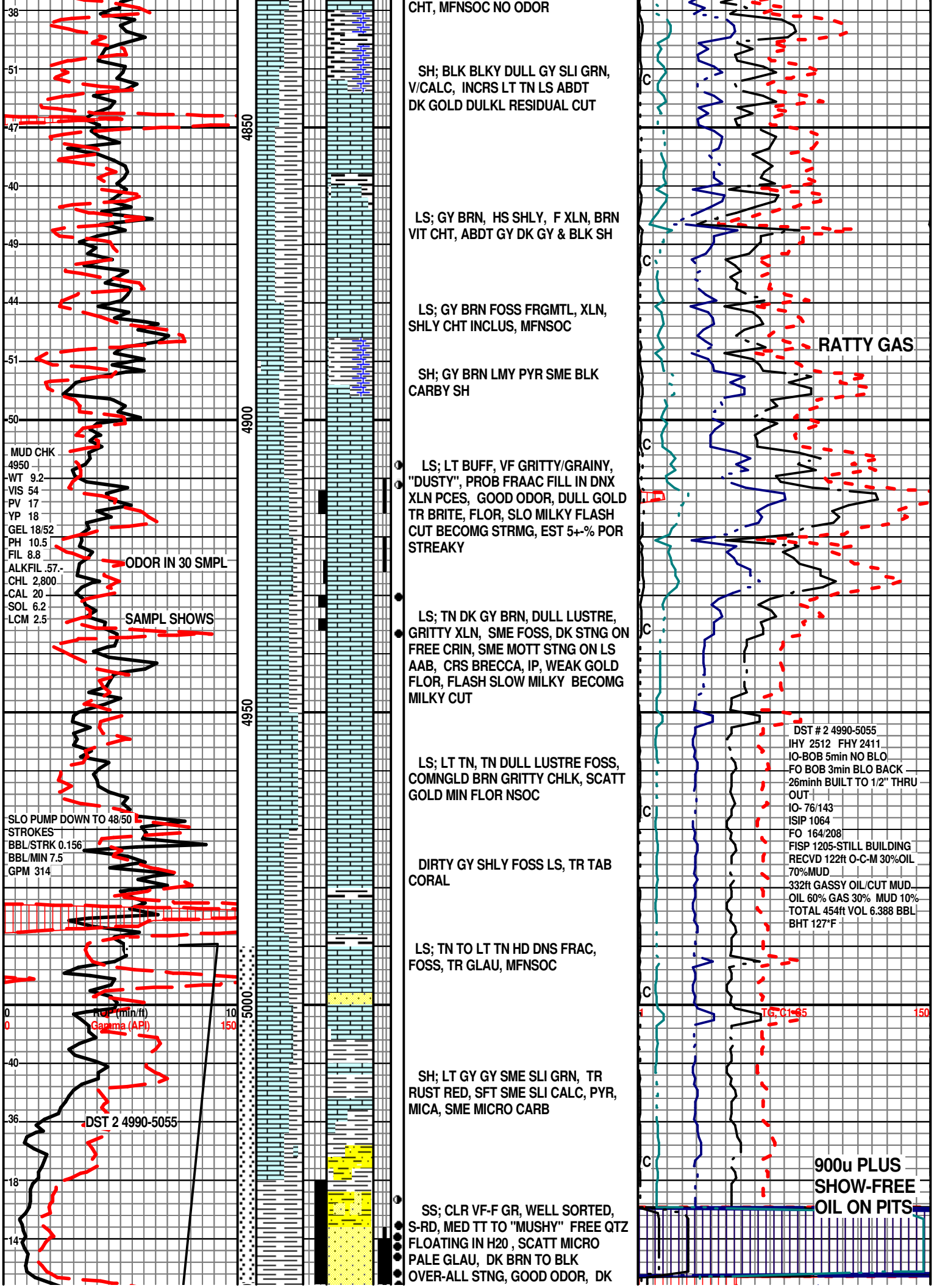
DSTs

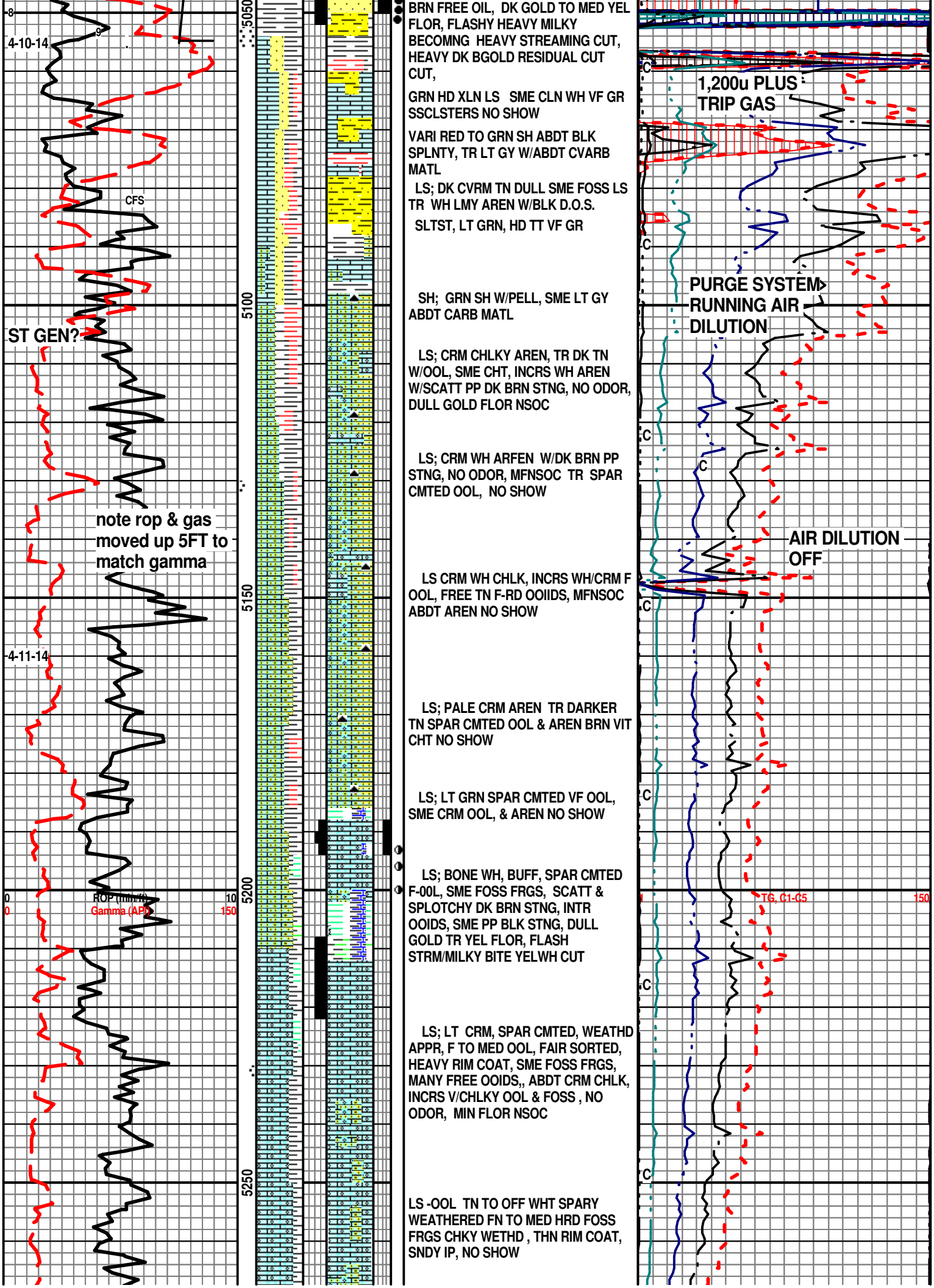

Curve Track 1
ROP (min/ft)
Gamma (API)
Depth
% Lithology
Porosity
Lithology
Oil Shows
Geological Descriptions
TG, C1-C5
TG (Units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)
0
ROP (min/ft)
10
0
Gamma (API)
150
4000
4050
4100
4150
note rop & gas moved up 5FT to match gamma
PUMP 6/16
BBL/STRK 0.156
60 PSM
BBL/MIN 9.4
GPM 393
HEEBNER SH
4095-1279ss
START ONE-MAN LOGGINGG UNIT 4-06-2014, DRLG W/BIT#2 PDC, UNIT RIGGED UP 2525-MONITOR GAS THRU CHASE GROUP
LS; LT TN, BUFF SPAR CMTD, VF-F OOL, VF XTL CMT, I.P. CALCITE INCLUS & BANSDS, SME GY TN W/SH INTRUS, TR ANHY COMNGLD, MFNSOC
MED GY TN HD DNS VF XLN, CHLK EDGES, SME GY SPKLED CHT, CRIN, SHLY IP MFNSOC
SH -GRN GRY CARBY THN MED GRN
LS -GRST , OFF WHT TO GRY, UP CRS TO FN GRN, SUB ANG DULL DULL FLO NO CUT OR SHOW
SH - BLK GRY GRN CRBY, INCRS LT GY/GRN SFT
LS; LT BUFF/WH WEATHD APPR, S-CHLKY, PYR, SME VF FOSS, TR BRN VF SUGARY DOLO MFNSOC
SH; LT GRN/GY SFT, LMY, MICA
LS; BUFF/WH CHLKY W/SHADOW, VF OOL, MFNSOC
1
TG, C1-C5
150
COMPUTER GAS BY TOOKE@
ALSO ANALOG HW/CHROM.
C
C
C
SH GAS
C
C

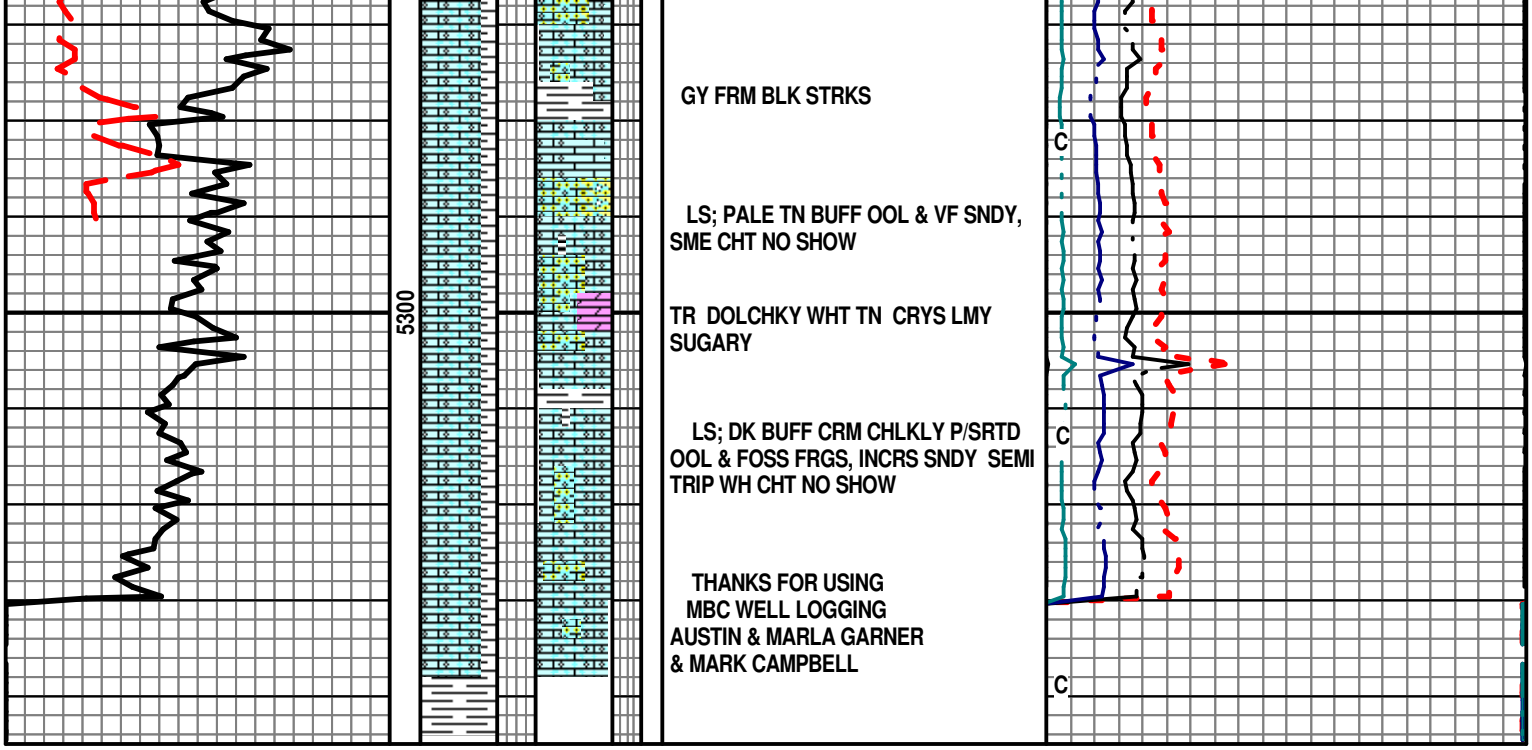

0
ROP (min/ft)
10
0
Gamma (API)
150
4200
4250
4300
4350
SH; GY GRITTY CALCITIC, MICRO CARB PCES
LS; CRM/WH CHLKY, SHADOW VF OOL, INCRS LT BRN HD DNS XLN MFNSOC
LS; TRACE OPAQ/BRN, SPAR CMTD, VF F OOLMOL & OOL, MFNSOC
LS CRM WH CHLK & CHLKY, W/OPAQ FOSS CHT MFNSOC
LS; LT BUFF TN SUGARY VF F OOLMOL & OOL, MFNSOC
LS; GYISH BRN HD SHLY MICRO FOSS, TO VF DETRT, SME FUS/FOSS, BRN CHT, MFNSOC
SH- GRY GRN BLK CARBY FN CRS TO THN MED GRN SFT
LS; TR LT BRN WEATHD APPR, SPAR CMTD VF F OOL W/FOSS PCES, ABDT CHLK, MFNSOC
LS- OOL OFF WHT TO TN FN TO FN V/FN GRN YEL FLO NO SHW OR CUT
LS; STN SPASRITIC, F & MESD OOLMOL, SME BUFF MED OOL, MFNSOC
LS- OOL OFF WHT TO TN, INCRS GYISH WH , SHLY, OCC OOL MICRO FOS, MFNSOC
1
TG, C1-C5
150
C
CG
6oz BULK CARBIDE


0
ROP (min/ft)
10
0
Gamma (API)
150
4400
4450
4500
4550
4600
note rop & gas moved up 5FT to match gamma
DST # 1 4540-4573
IO-V/WK SFC BLO DIED
26min-NO BLO
FO- DEAD-NO BLO
IHY 2269 FHY 2171
IO 44/45
ISIP 68
FO 46/45
FSIP 69
RECVD 5'MUD
TEMP 117*-
DST #1 4540-4573
STARK SH
4545-1729ss
SWOPE (KC A)
4552-1736ss
CFS 4373-20/40
4-08-2014
HUSHPUCKNEY
4588-1772ss
HEARTHA
(KC B)
SH BLK GRY CARBY SME GYISH GRN W/GYP INCLUS
SH BLK GRY CARBY , SME SFT GRNISH
SH BLK GRY CARBY UPP CRS GRN SS- FN, VY POR, BRT GLD FLO NO VIS CUT 4465 SAM
LS - OOL, OFF WHT TO TN MD TO FN GRN , BRT YEL FLO MICRFOS
SH - BLK CARBY GRY MED GRN
LS - OOL TN OFF WHT GRY MD TO CRS GRN BRT YEL FLO, NO VIS CUT OR SHW
SH - BLK CARBY TTIN SFT MED TO UPPER CRS GRN
LS; PRED BRN TO TN, VF SUGARY OOLMOL, W/SME TN F-OOIIDS, FREE OOIDS, NO VIS STN, NO GAS BUBLS, SME GOLD FLOR, DK GOLD RING CUT, HEAVY ODOR
LS; GY TN SHLY XLN
NB # 3 77/8" JZ
SH; BLK CQARN, MICA, PYR, INCRS MED GY SFT LMY
C
TG, C1-C5
150
4558
MUD CHECK
WT 9.4
VIS 58
PV 20
YP 22
GEL 18/48
PH 10.5
FIL 8
ALKFIL 0.8-
CHL 3,500
CAL 40
SOL 7.5
LCM 2
C2 TO C1 RATIO CHANGED
SH GAS & SHOW
RECYCLE
SH GAS


4650
4700
4750
4800
LS; GYISH TN HD XLN, SHLY IP, ERTY-FOSS IP, MFNSOC
SH; LT GYISH SFT
LS; BRNISH GY, GY HD FLAKEY XLN, SHLY, ABDT CHT MFNSOC
SH- BLK GRY,CRBY LMY TN HD
LS - OOL VUG TN OFF WHT CHPLXN CHRT, PYRT , GLACU. DULL YEL FLO
LS; BUFF MED OOL, VF SUCROSIC MATRIX, ABDT LT BUFF WEATHD APPR, VF OOL, & FOSS, MFNSOC
TR POOR SORTED BIOSPARITIC/ VF-MED OOL, WH OOL CHT, MFNSOC
LS; PALE GY HD SHLY XLN SME TN & BUFF CHLKY W/GY PELL MFNSOC
LS; LT TN ERTYT TGR WH BRTL SILIC CMTD VF OOL & ANG LS PCES, MFNSOC
SH; BLK BLKY CARB
LS; LT BUFF WEATHD APPR, "DUSTY" RGH TXT, VF TO MICRO OOL, TR CHT, TR SILIC FUS/FOSS, TGR BRN SPAR CMTD P/SRTD BIOSPARTIC/OOL, ABDT CRM PINK CHLK, LT PURPL FLOR NSOC
SH; BLK CARB
LS; LT TN DNS MICRO FOSS XLN FREE FUS/FOSS CRIN, SME CHT, MFNSOC
SH BLK BLKY CARB MICA TR PYR
LS; LT BUFF F-SUCROSIC IP, SME FOSS PCES, TAB CORAL, INCRS GY
BANDERA SH
4767-1951ss
CFS 4786
LABETTE SH
CHEROKEE
4814-1998ss
SH GAS
RECYCLE
ROP (min/ft)
Gamma (API)
4-09-14
C


CHT, MFNSOC NO ODOR
SH; BLK BLKY DULL GY SLI GRN, V/CALC, INCRS LT TN LS ABDT DK GOLD DULKL RESIDUAL CUT
LS; GY BRN, HS SHLY, F XLN, BRN VIT CHT, ABDT GY DK GY & BLK SH
LS; GY BRN FOSS FRGMTL, XLN, SHLY CHT INCLUS, MFNSOC
RATTY GAS
SH; GY BRN LMY PYR SME BLK CARBY SH
MUD CHK
4950
WT 9.2
VIS 54
PV 17
YP 18
GEL 18/52
PH 10.5
FIL 8.8
ALKFIL .57.-
CHL 2,800
CAL 20
SOL 6.2
LCM 2.5
ODOR IN 30 SMPL
SAMPL SHOWS
LS; TN DK GY BRN, DULL LUSTRE, GRITTY XLN, SME FOSS, DK STNG ON FREE CRIN, SME MOTT STNG ON LS AAB, CRS BRECCA, IP, WEAK GOLD FLOR, FLASH SLOW MILKY BECOMG MILKY CUT
LS; LT BUFF, VF GRITTY/GRAINY, "DUSTY", PROB FRAAC FILL IN DNX XLN PCES, GOOD ODOR, DULL GOLD TR BRITE, FLOR, SLO MILKY FLASH CUT BECOMG STRMG, EST 5+-% POR STREAKY
DST # 2 4990-5055
IHY 2512 FHY 2411
IO-BOB 5min NO BLO
FO BOB 3min BLO BACK
26minh BUILT TO 1/2" THRU OUT
IO- 76/143
ISIP 1064
FO 164/208
FISP 1205-STILL BUILDING
RECVD 122ft O-C-M 30%OIL 70%MUD
332ft GASSY OIL/CUT MUD
OIL 60% GAS 30% MUD 10%
TOTAL 454ft VOL 6.388 BBL
BHT 127*F
LS; LT TN, TN DULL LUSTRE FOSS, COMNGLD BRN GRITTY CHLK, SCATT GOLD MIN FLOR NSOC
SLO PUMP DOWN TO 48/50 STROKES
BBL/STRK 0.156
BBL/MIN 7.5
GPM 314
DIRTY GY SHLY FOSS LS, TR TAB CORAL
LS; TN TO LT TN HD DNS FRAC, FOSS, TR GLAU, MFNSOC
ROP (min/ft)
Gamma (API)
TG, C1-C5
SH; LT GY GY SME SLI GRN, TR RUST RED, SFT SME SLI CALC, PYR, MICA, SME MICRO CARB
DST 2 4990-5055
900u PLUS SHOW-FREE OIL ON PITS
SS; CLR VF-F GR, WELL SORTED, S-RD, MED TT TO "MUSHY" FREE QTZ FLOATING IN H20 , SCATT MICRO PALE GLAU, DK BRN TO BLK OVER-ALL STNG, GOOD ODOR, DK
4850
4900
4950
5000


4-10-14
CFS
ST GEN?
note rop & gas moved up 5FT to match gamma
4-11-14
0
ROP (mm/ft)
10
0
Gamma (API)
150
5050
5100
5150
5200
5250
BRN FREE OIL, DK GOLD TO MED YEL FLOR, FLASHY HEAVY MILKY BECOMNG HEAVY STREAMING CUT, HEAVY DK BGOLD RESIDUAL CUT CUT,
GRN HD XLN LS SME CLN WH VF GR SSCLSTERS NO SHOW
VARI RED TO GRN SH ABDT BLK SPLNTY, TR LT GY W/ABDT CVARB MATL
LS; DK CVRM TN DULL SME FOSS LS TR WH LMY AREN W/BLK D.O.S.
SLTST, LT GRN, HD TT VF GR
SH; GRN SH W/PELL, SME LT GY ABDT CARB MATL
LS; CRM CHLKY AREN, TR DK TN W/OOL, SME CHT, INCRS WH AREN W/SCATT PP DK BRN STNG, NO ODOR, DULL GOLD FLOR NSOC
LS; CRM WH ARFEN W/DK BRN PP STNG, NO ODOR, MFNSOC TR SPAR CMTED OOL, NO SHOW
LS CRM WH CHLK, INCRS WH/CRM F OOL, FREE TN F-RD OOIIDS, MFNSOC ABDT AREN NO SHOW
LS; PALE CRM AREN TR DARKER TN SPAR CMTED OOL & AREN BRN VIT CHT NO SHOW
LS; LT GRN SPAR CMTED VF OOL, SME CRM OOL, & AREN NO SHOW
LS; BONE WH, BUFF, SPAR CMTED F-00L, SME FOSS FRGS, SCATT & SPLOTCHY DK BRN STNG, INTR OOIDS, SME PP BLK STNG, DULL GOLD TR YEL FLOR, FLASH STRM/MILKY BITE YELWH CUT
LS; LT CRM, SPAR CMTED, WEATHD APPR, F TO MED OOL, FAIR SORTED, HEAVY RIM COAT, SME FOSS FRGS, MANY FREE OOIDS,, ABDT CRM CHLK, INCRS V/CHLKY OOL & FOSS , NO ODOR, MIN FLOR NSOC
LS -OOL TN TO OFF WHT SPARY WEATHERED FN TO MED HRD FOSS FRGS CHKY WETHD , THN RIM COAT, SNDY IP, NO SHOW
1,200u PLUS TRIP GAS
PURGE SYSTEM RUNNING AIR DILUTION
AIR DILUTION OFF
C
C
C
C
C
C
C
C
1
TG, C1-C5
150


5300
GY FRM BLK STRKS
LS; PALE TN BUFF OOL & VF SNDY, SME CHT NO SHOW
TR DOLCHKY WHT TN CRYS LMY SUGARY
LS; DK BUFF CRM CHLKLY P/SRTD OOL & FOSS FRGS, INCRS SNDY SEMI TRIP WH CHT NO SHOW
THANKS FOR USING MBC WELL LOGGING AUSTIN & MARLA GARNER & MARK CAMPBELL
C
C
C

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

August 12, 2014

Jeremy Heatley
Ring Energy, Inc.
PO BOX 11350
MIDLAND, TX 79702

Re: ACO-1
API 15-081-22045-00-00
Ardery 11 1
SW/4 Sec.11-27S-31W
Haskell County, Kansas

Dear Jeremy Heatley:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 4/1/2014 and the ACO-1 was received on August 01, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department