Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1166153

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 # 34904
Name: Palmer Oil, Inc.
Address 1: 3118 N. Cummings Rd.
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + ____
Contact Person: Joe Smith
Phone: (620) 275-9231
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Jeff Lawler
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 #:

10/03/2013 Spud Date or Recompletion Date
10/10/2013 Date Reached TD
10/30/2013 Completion Date or Recompletion Date

API No. 15 - 15-189-22807-00-00
Spot Description:
SE - NW - NE - SE Sec. 35 Twp. 31 S. R. 39 ☐ East ☑ West
2200 Feet from ☐ North / ☑ South Line of Section
750 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: Stevens
Lease Name: Cynthia Well #: 35-7
Field Name:
Producing Formation: St.Louis
Elevation: Ground: 3177 Kelly Bushing: 3192
Total Vertical Depth: 6250 Plug Back Total Depth: 6215
Amount of Surface Pipe Set and Cemented at: 1762 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: 15000 ppm Fluid volume: 60 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: ____ License #: ____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: ____ Permit #: ____

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
☑ **Confidentiality Requested**
Date: 10/30/2013
☑ **Confidential Release Date:** 10/30/2015
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 11/04/2013

1166153

Operator Name: Palmer Oil, Inc. Lease Name: Cynthia Well #: 35-7

Sec. 35 Twp. 31 S. R. 39 ☐ East ☑ West County: Stevens

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:

Induction
porosity
Micro

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

Name	Top	Datum
Marmaton	4596'	-1404
Cherokee	4858'	-1666
Marrow	5424'	-2232
Chester	5830'	-2638
St.Gen	5976'	-2784

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	12.250	8.625	24	1762	65/365, Class A	825	3%cc, 2% GEL
Production	7.875	5.50	17	6247	AA2	200	

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	6088'to 6163'		

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

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

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

Scale 1:240 Imperial

Well Name:	CYNTHIA #35-7		
Surface Location:	SE NW NE SE Sec. 35 - 31S - 39W		
Bottom Location:			
API:	15-189-22807-00-00		
License Number:	34904		
Spud Date:	10/3/2013	Time:	6:45 PM
Region:	STEVENS COUNTY		
Drilling Completed:	10/10/2013	Time:	2:40 AM
Surface Coordinates:	2200' FSL & 750' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	3180.00ft		
K.B. Elevation:	3192.00ft		
Logged Interval:	0.00ft	To:	0.00ft
Total Depth:	6250.00ft		
Formation:	ST. GENEVIEVE _ST. LOUIS		
Drilling Fluid Type:	FRESH WATER / CHEMICAL GEL		

OPERATOR

Company:	PALMER OIL, INC.		
Address:	3118 N. CUMMINGS ROAD PO BOX 399 GARDEN CITY, KS 67846		
Contact Geologist:	CECIL O'BRATE		
Contact Phone Nbr:	(620) 275-9231		
Well Name:	CYNTHIA #35-7		
Location:	SE NW NE SE Sec. 35 - 31S - 39W	API:	15-189-22807-00-00
Pool:		Field:	UNKNOWN
State:	KANSAS	Country:	USA

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:	-101.5221140	Latitude:	37.3071291
N/S Co-ord:	2200' FSL		
E/W Co-ord:	750' FEL		

LOGGED BY

Company:	SOLUTIONS CONSULTING, INC.		
Address:	108 W 35TH HAYS, KS 67601		
Phone Nbr:	(785) 259-3737		
Logged By:	Geologist	Name:	JEFF LAWLER

CONTRACTOR

Contractor:	DUKE DRILLING CO., INC		
Rig #:	9		
Rig Type:	MUD ROTARY		
Spud Date:	10/3/2013	Time:	6:45 PM
TD Date:	10/10/2013	Time:	2:40 AM
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	3192.00ft	Ground Elevation:	3180.00ft
K.B. to Ground:	12.00ft		

NOTES

WELL COMPARISON SHEET

					•				•				•				¤			
					EOG RESOURCES				PALMER OIL, INC.				ANADARKO PETROLEUM CORP.				ANADARKO PETROLEUM CORP.			
					CYNTHIA #35-2				CYNTHIA #35-6				HITTLE A #2				VANSELOUS A #4			
	CYNTHIA #35-7				NW SE NE 35-31-39				NE SW SW NE 35-31-39				SW SW 31-35-39				NE NW 2-32-39			
	KB	3192	GL	3180	KB	3200			KB	3195			KB	3220			KB	3219		
	LOG TOPS		SAMPLE TOPS		LOG		LOG	SMPL.	LOG		LOG	SMPL.	COMP. CARD		LOG	SMPL.	COMP. CARD		LOG	SMPL.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.
HEEBNER SHALE					3900	-700							3880	-660			3894	-675		
LANSING					4013	-813							4004	-784			4002	-783		
MARMATON			4596	-1404	4660	-1460		+ 56	4617	-1422		+ 18	4661	-1441		+ 37	4670	-1451		+ 47
CHEROKEE			4858	-1666	4875	-1675		+ 9	4886	-1691		+ 25	4838	-1618		- 48				
MARROW			5424	-2232	5389	-2189		- 43	5408	-2213		- 19	5370	-2150		- 82	5403	-2184		- 48
CHESTER			5830	-2638	5796	-2596		- 42					5896	-2676		+ 38	5857	-2638		+ 0
ST. GENEVIEVE			5976	-2784	5922	-2722		- 62	5988	-2793		+ 9	5928	-2708		- 76	5924	-2705		- 79
ST. LOUIS			6054	-2862	6058	-2858		- 4	6068	-2873		+ 11								
ST. LOUIS B									6114	-2919										
TOTAL DEPTH			6250	-3058	6200	-3000		- 58	6193	-2998		- 60	6000	-2780		- 278	6100	-2881		- 177

DST #1 ST. LOUIS 6025' - 6110'

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palmer Oil INC

3118 Cummings RD
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

35-31-39

Cynthia #35-7

Job Ticket: 52438 **DST#: 1**

Test Start: 2013.10.09 @ 06:32:56

GENERAL INFORMATION:

Formation: **ST Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:44:26
Time Test Ended: 17:41:41

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Staats
Unit No: #47

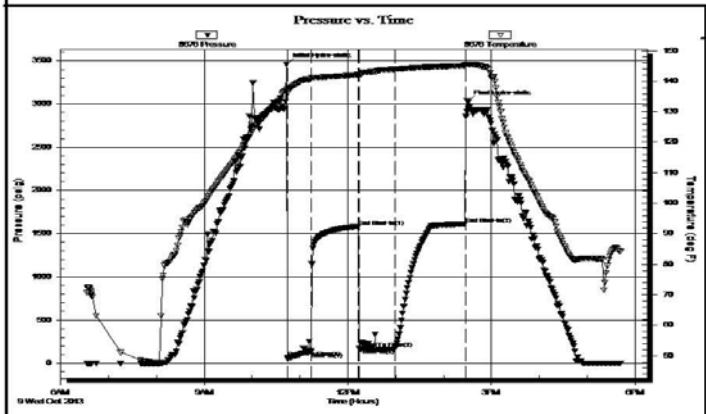
Interval: 6025.00 ft (KB) To 6110.00 ft (KB) (TVD)
Total Depth: 6110.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3192.00 ft (KB)
3180.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8676 **Outside**
Press@RunDepth: 171.06 psig @ 6026.00 ft (KB)
Start Date: 2013.10.09 End Date: 2013.10.09
Start Time: 06:33:01 End Time: 17:41:41

Capacity: 8000.00 psig
Last Calib.: 2013.10.09
Time On Btm: 2013.10.09 @ 10:43:11
Time Off Btm: 2013.10.09 @ 14:29:26

TEST COMMENT: IF: No blow Chased tool 10'
ISI: No blow back
FF: Waek blow 3"
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3460.68	137.28	Initial Hydro-static
2	65.85	136.01	Open To Flow (1)
31	126.67	140.69	Shut-In(1)
91	1584.72	142.10	End Shut-In(1)
92	173.74	142.10	Open To Flow (2)
136	171.06	143.95	Shut-In(2)
224	1610.67	145.16	End Shut-In(2)
227	3031.31	145.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	W,M 2%w ater 98% mud	1.02

Gas Rates

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

ROCK TYPES

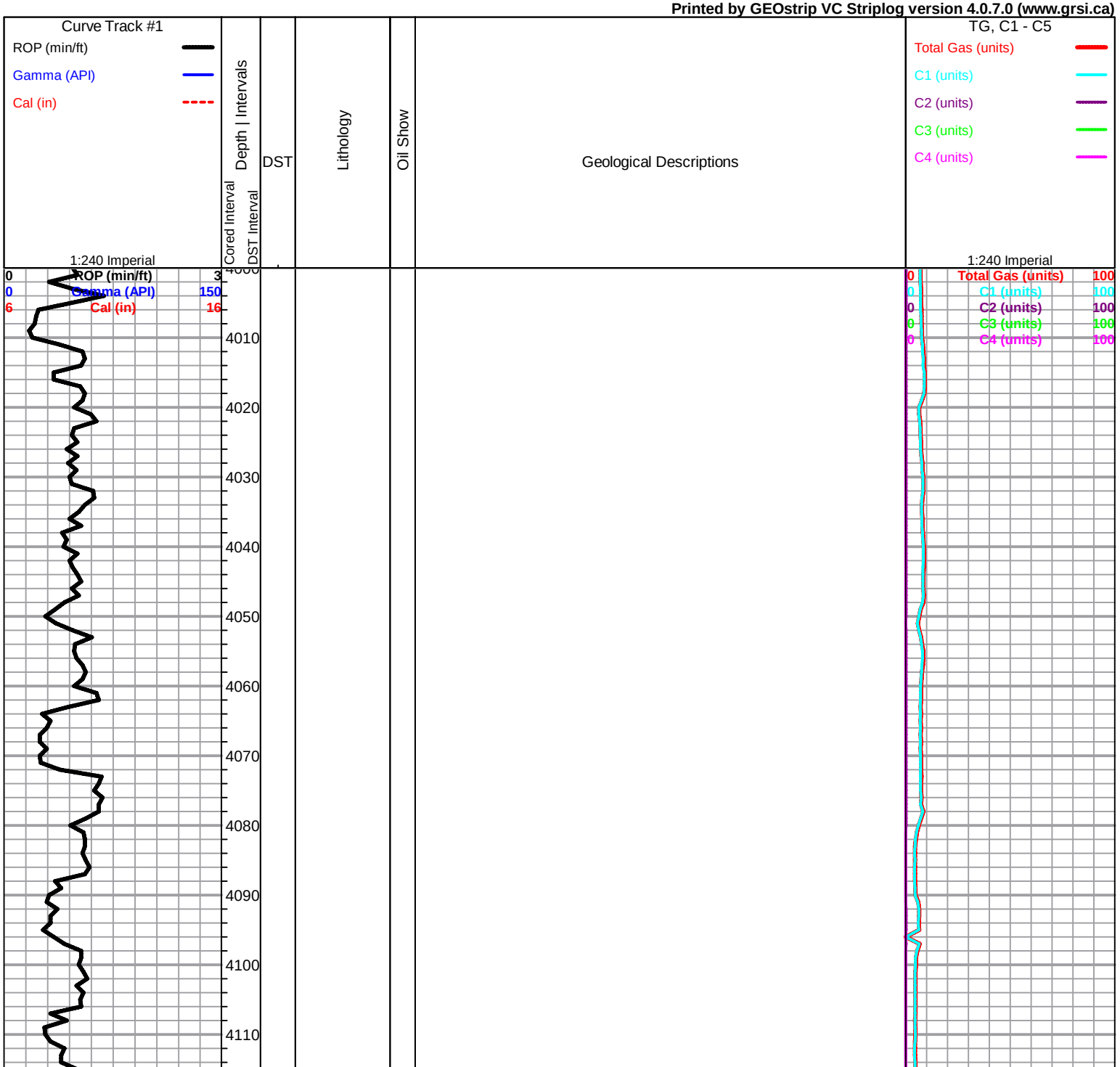
shale, gry Carbon Sh

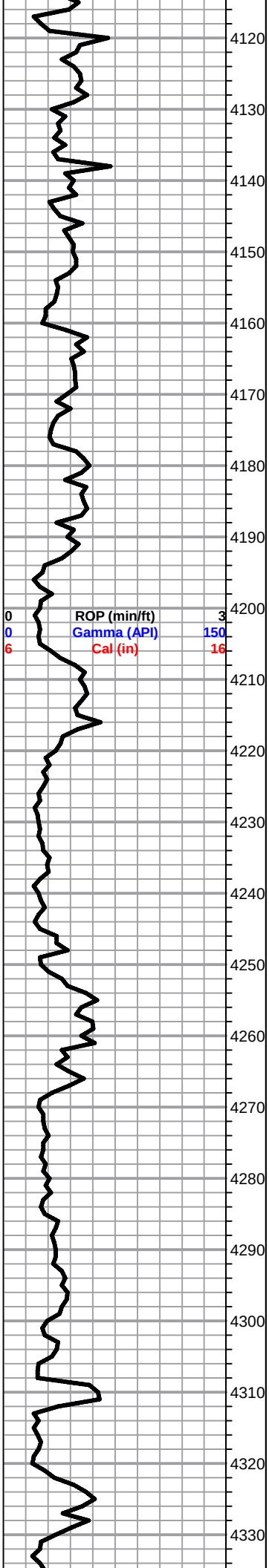
ACCESSORIES

STRINGER
Sandstone

OTHER SYMBOLS

DST
DST Int
DST alt
Core





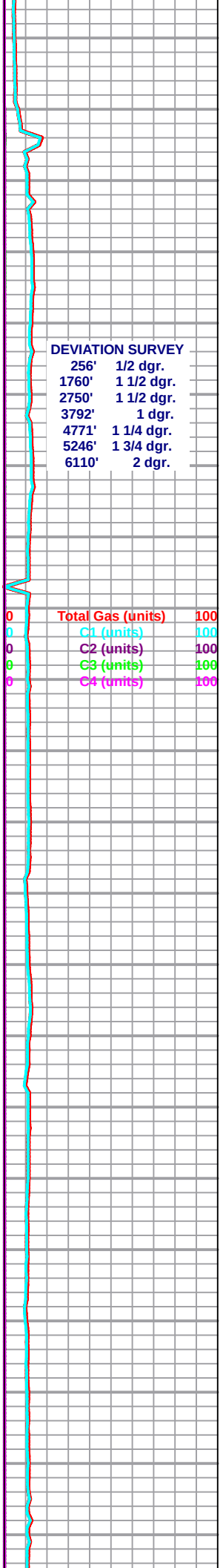
A BLUESTEM GAS DETECTOR TRAILER WAS EMPLOYED ON THIS WELL
DRILL TIME AND GAS CURVES UPLOADED FROM BLOODHOUND GAS DETECTOR
20' WET/DRY SAMPLES FROM 4200' - 5850'
10' WET/DRY SAMPLES FROM 5800' - RTD

GEOLOGICAL SUPERVISION BY JEFF LAWLER

8 5/8" SURFACE PIPE SET @ 1762'

DEVIATION SURVEY

256'	1/2 dgr.
1760'	1 1/2 dgr.
2750'	1 1/2 dgr.
3792'	1 dgr.
4771'	1 1/4 dgr.
5246'	1 3/4 dgr.
6110'	2 dgr.



Lm- Lt Gray Buff, mix of Vf Grn, mud supported matrix, fsl w/ fragments, loosely cemented, poor intergranular porosity, & FXLN, fsl high-energy, trash w/ fsl fragments, micro XLN & XLN porosity

Lm- A/A, much soft white chalk Sh- Black, fissile, soft, carbonaceous

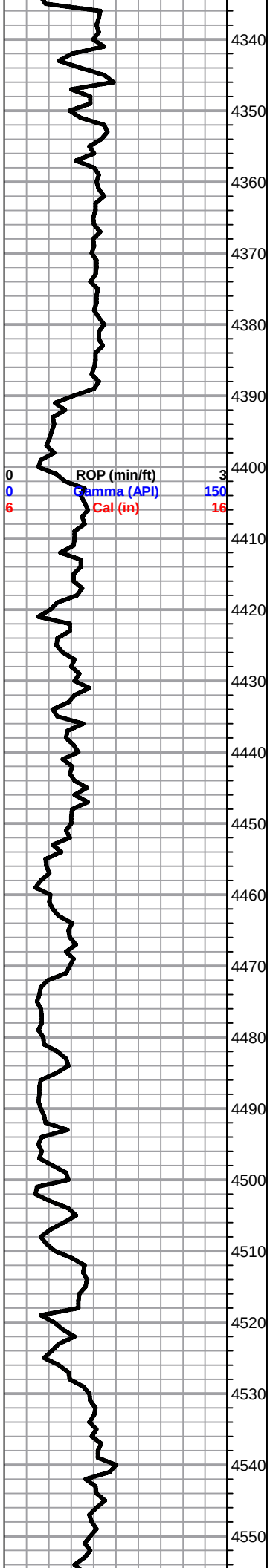
Lm- Cream Off White, FXLN, dense, massive, well cemented, fsl & oolitic, poor interoolite vis. porosity, soft white chalk

Lm- Drk Gray Tan, VFXLN Fn Grn, lithographic, tight, vry well cemented w/o vis. porosity, gritty siltstone, loosely cemented w/ poor intergranular porosity Sh- Maroon Brown, gritty & earthy, dense & blocky

Lm- Lt Gray Tan Cream, FXLN, loosely cemented, high-energy w/ fsl fragments, some fsl & oolitic, sl dev. w/ sctrd vry fn ppt porosity, barren Sh- Lt Gray, silty, soft, calcareous

Lm- Lt Gray, FXLN Fn Grn, sl trashy fsl mix, some w/ fsl fragments, poor vis. porosity, some loosely cemented mud supported matrix, few pcs of semi-translucent sharp angular chert Sh- Lt Gray, gritty & silty, calcareous

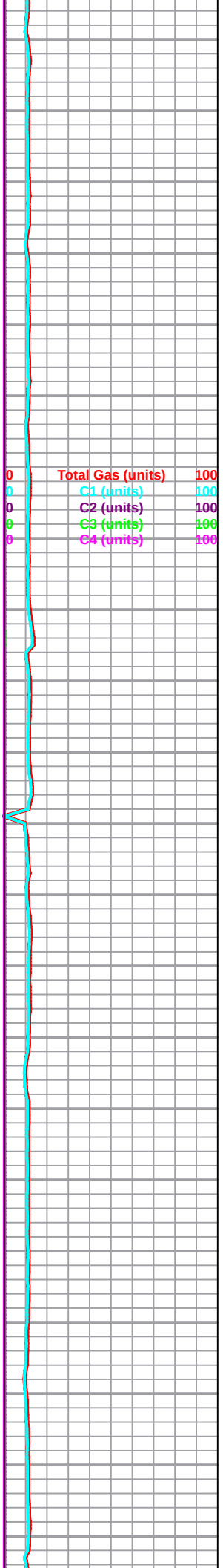
Lm- Cream Tan, FXLN, fsl & sl oolitic, few pcs oomoldic, partial skeletal dissolution, poorly interconnected vugs, poor to mod. vis. porosity, barren



Sh- Maroon Lm Green Lt Gray, gritty & earthy, waxy & dense, silty & calcareous

Lm- Tan Cream Buff, FXLN, fsl, few pcs of oomoldic, partial/most skeletal dissolution, poor interconnected vugs, well cemented & barren, some sl trashy high-energy fsl mix, soft white chalk

Sh- Brick Red Maroon Brown Lm Green, soft, gritty & earthy, sl waxy & dense



Lm- Tan, VFXLN, dense, vry well cemented, tight w/o vis. porosity, few pcs of sl gritty buff dolomitic ls w/ micro XLN porosity, barren

Lm- Drk Gray, Fn Grn FXLN, trashy high-energy fsl mix, gritty & loosely cemented, silty

Lm- Tan Cream Off White, VFXLN FXLN, dense, vry well cemented, sl cherty ls w/o vis. porosity, loosely cemented fsl, poorly dev. w/ sctrd XLN porosity, some chalky in part, barren

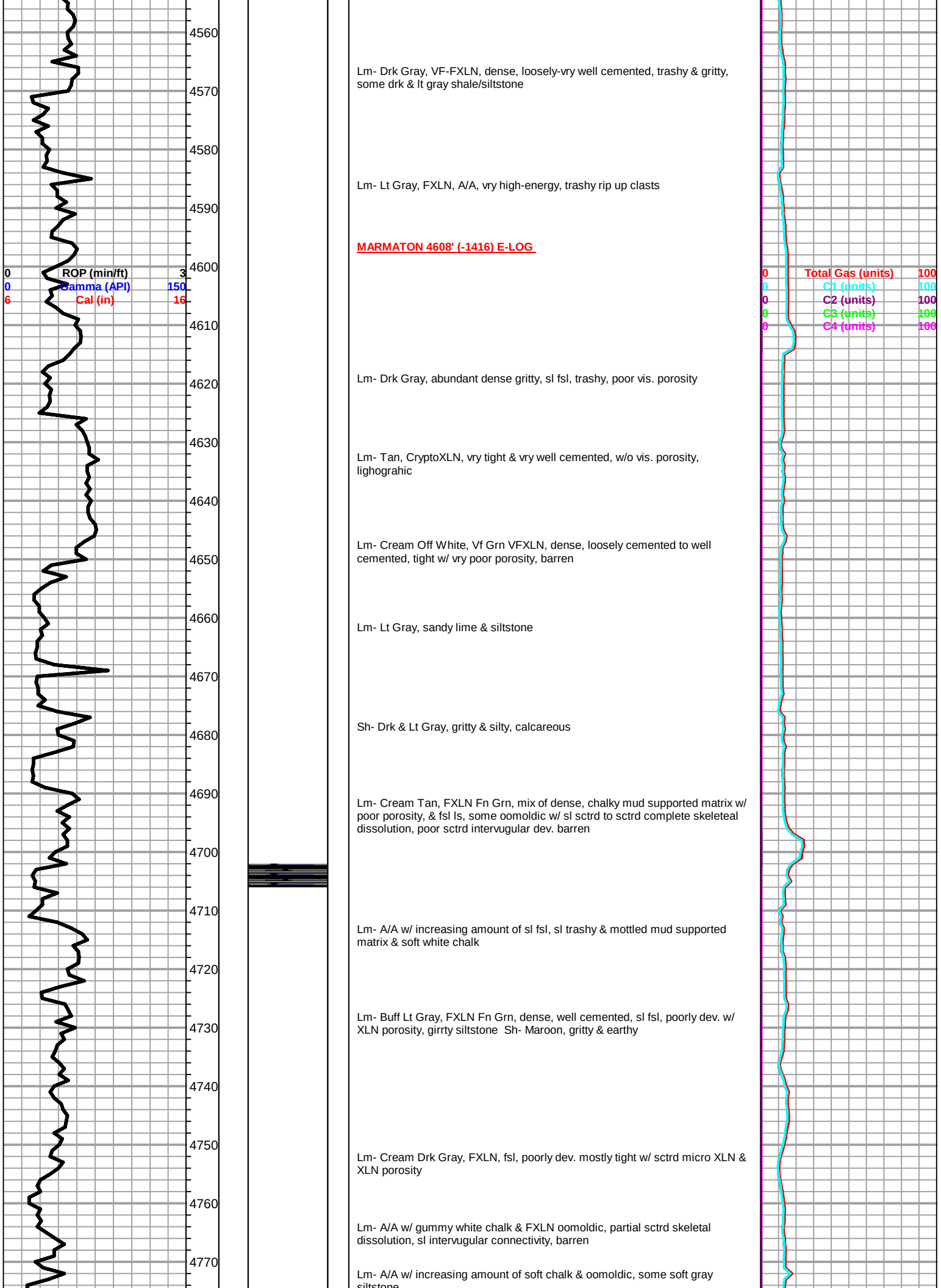
Lm- Cream Off White, Vf Grn, dense, loosely cemented, sl trashy, sctrd mottling, poor intergranular porosity Sh- Black Drk Gray, fissile, carbonaceous, girtty

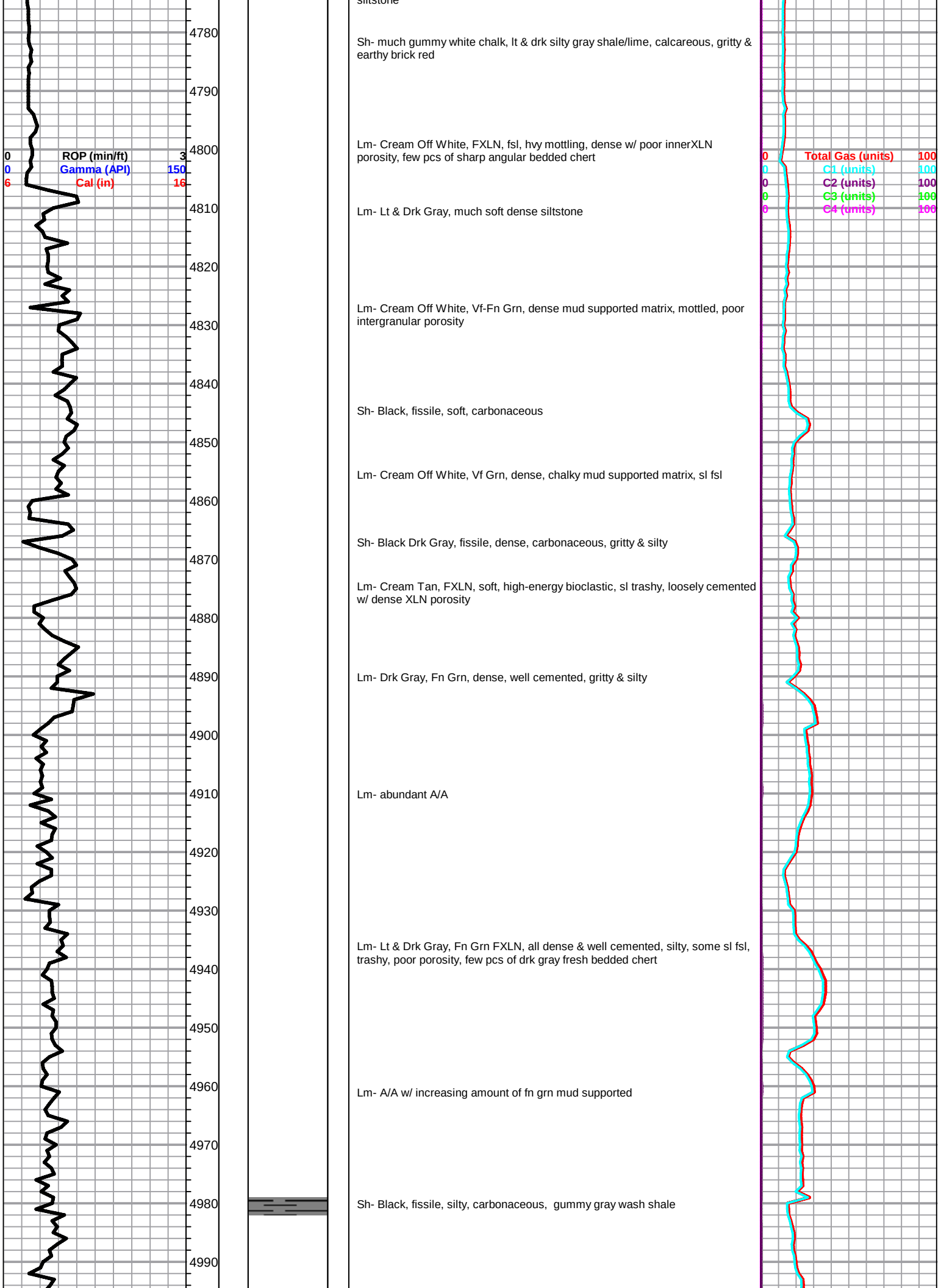
Lm- A/A Sh- Increasing amount of gritty silty gray, sl calcareous

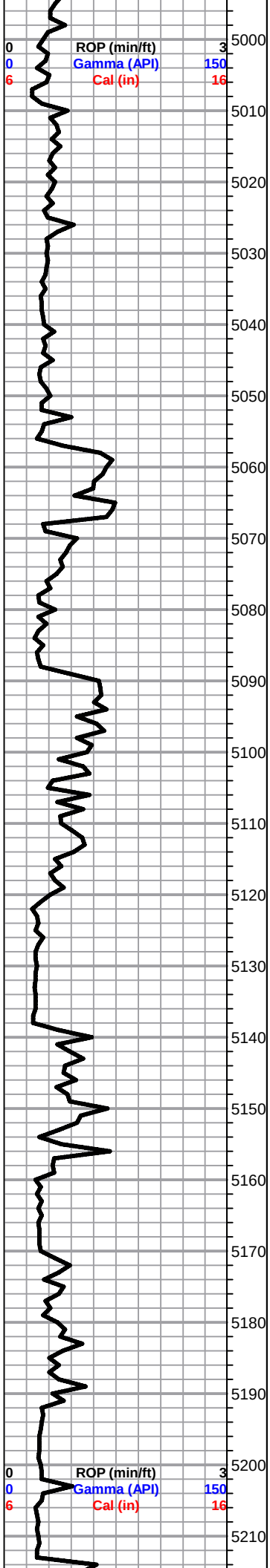
Lm- Lt/Drk Gray, FXLN, dense mottling, well cemented, fsl fragments, poor vis. porosity, interbedded silty gray & black carbonaceous shale lenses

Lm- A/A w/ Lm Green silty lime, sl calcareous, vry loosely cemented, gritty

Lm- Cream Tan White, VF-FLXN, sl fsl, poorly dev. w/ micro XLN & sctrd XLN porosity, much gummy white chalk


0 ROP (min/ft) 3
0 Gamma (API) 150
6 Cal (in) 16
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
4560
4570
4580
4590
4600
4610
4620
4630
4640
4650
4660
4670
4680
4690
4700
4710
4720
4730
4740
4750
4760
4770
Lm- Drk Gray, VF-FXLN, dense, loosely-vry well cemented, trashy & gritty, some drk & lt gray shale/siltstone
Lm- Lt Gray, FXLN, A/A, vry high-energy, trashy rip up clasts
MARMATON 4608' (-1416) E-LOG
Lm- Drk Gray, abundant dense gritty, sl fsl, trashy, poor vis. porosity
Lm- Tan, CryptoXLN, vry tight & vry well cemented, w/o vis. porosity, lighograhic
Lm- Cream Off White, Vf Grn VFXLN, dense, loosely cemented to well cemented, tight w/ vry poor porosity, barren
Lm- Lt Gray, sandy lime & siltstone
Sh- Drk & Lt Gray, gritty & silty, calcareous
Lm- Cream Tan, FXLN Fn Grn, mix of dense, chalky mud supported matrix w/ poor porosity, & fsl ls, some oomoldic w/ sl sctrd to sctrd complete skeleteal dissolution, poor sctrd intervugular dev. barren
Lm- A/A w/ increasing amount of sl fsl, sl trashy & mottled mud supported matrix & soft white chalk
Lm- Buff Lt Gray, FXLN Fn Grn, dense, well cemented, sl fsl, poorly dev. w/ XLN porosity, girrty siltstone Sh- Maroon, gritty & earthy
Lm- Cream Drk Gray, FXLN, fsl, poorly dev. mostly tight w/ sctrd micro XLN & XLN porosity
Lm- A/A w/ gummy white chalk & FXLN oomoldic, partial sctrd skeletal dissolution, sl intervugular connectivity, barren
Lm- A/A w/ increasing amount of soft chalk & oomoldic, some soft gray siltstone


0 ROP (min/ft) 3
0 Gamma (API) 150
6 Cal (in) 16
4780
4790
4800
4810
4820
4830
4840
4850
4860
4870
4880
4890
4900
4910
4920
4930
4940
4950
4960
4970
4980
4990
siltstone
Sh- much gummy white chalk, lt & drk silty gray shale/lime, calcareous, gritty & earthy brick red
Lm- Cream Off White, FXLN, fsl, hvy mottling, dense w/ poor innerXLN porosity, few pcs of sharp angular bedded chert
Lm- Lt & Drk Gray, much soft dense siltstone
Lm- Cream Off White, Vf-Fn Grn, dense mud supported matrix, mottled, poor intergranular porosity
Sh- Black, fissile, soft, carbonaceous
Lm- Cream Off White, Vf Grn, dense, chalky mud supported matrix, sl fsl
Sh- Black Drk Gray, fissile, dense, carbonaceous, gritty & silty
Lm- Cream Tan, FXLN, soft, high-energy bioclastic, sl trashy, loosely cemented w/ dense XLN porosity
Lm- Drk Gray, Fn Grn, dense, well cemented, gritty & silty
Lm- abundant A/A
Lm- Lt & Drk Gray, Fn Grn FXLN, all dense & well cemented, silty, some sl fsl, trashy, poor porosity, few pcs of drk gray fresh bedded chert
Lm- A/A w/ increasing amount of fn grn mud supported
Sh- Black, fissile, silty, carbonaceous, gummy gray wash shale
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100



Lm- Cream Off White, FXLN, dense, soft & loosely cemented, fsl & oolitic, poorly dev. w/ poor XLN porosity, some chalky in part

Lm- abundatnt well cemented lt gray siltstone

Lm- Drk Gray, silty, loosely cemented mud supported matrix, few pcs sl fsl w/ crinoids

Lm- Tan, VF-FXLN, dense, well cemented, tight w/o vis. porosity

Lm- continual amount of drk gray siltstone, Cream Vf-Fn Grn, dense, chalky in part, poor intergranular porosity, barren

Lm- decreasing amount of siltstone, Tan, FXLN, dense, fsl, sl oolitic, poorly dev. w/ sctrd to dense XLN porosity, barren

Lm- Drk Gray, Fn Grn, dense siltstone, gritty, loosely to well cemented, few pcs sl fsl

Lm- A/A Sh- Lt & Drk Gray, soft, silty, few pcs of dense & blocky maroon sh

Sh- Black Drk & Lt Gray, dense & blocky, carbonaceous, silty & soft, calcareous

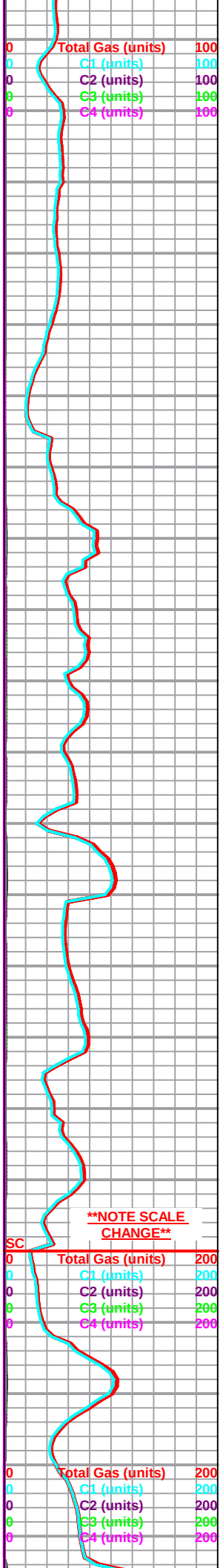
Lm- Cream Off White, FXLN, loosely cemented, sl fsl, dense XLN porosity, barren

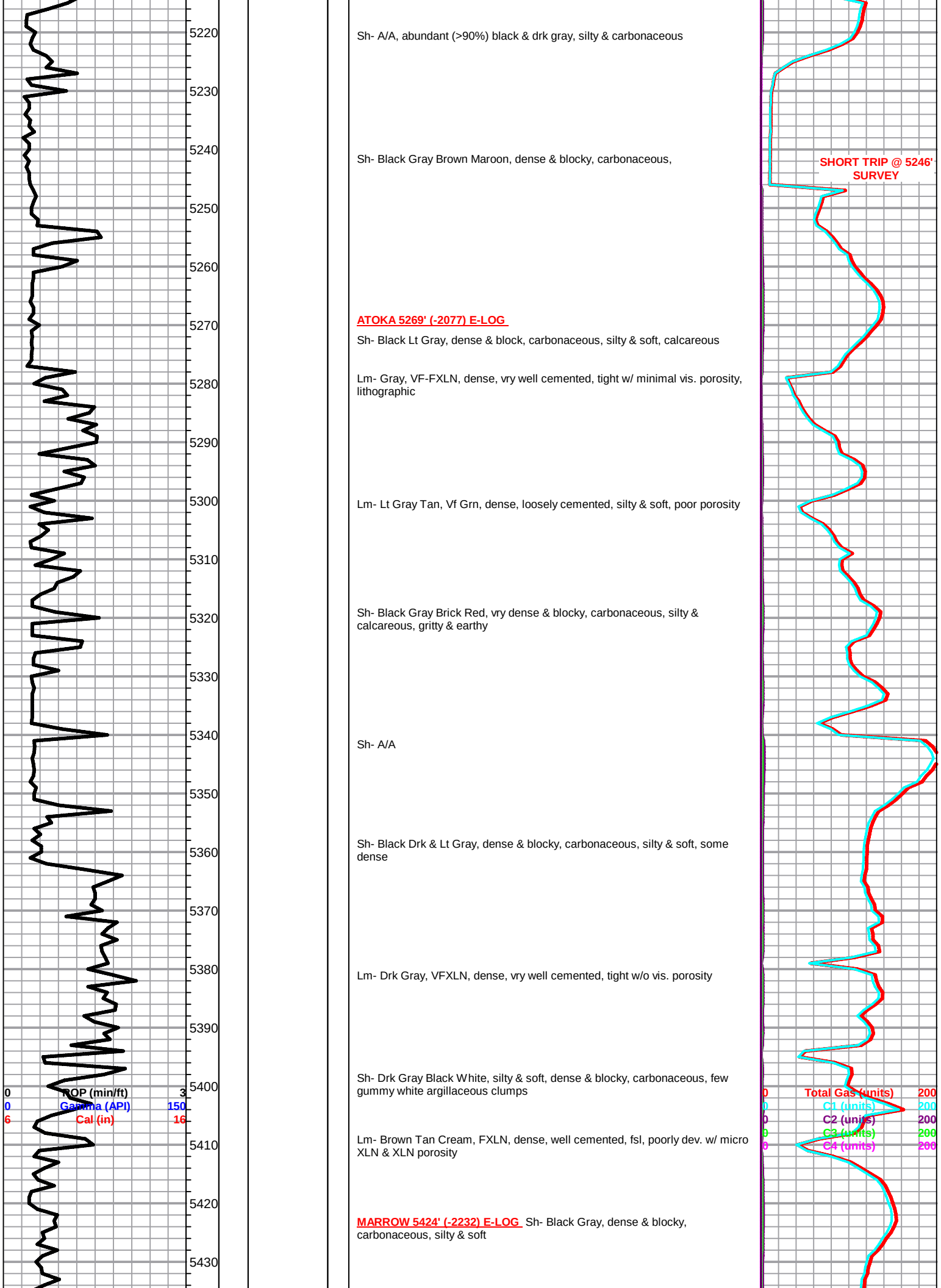
Lm- Drk Gray, soft siltstone

Sh- Black Drk Gray, silty & soft, carbonaceous, some sl calcareous

Sh- A/A w/ increasing amount of drk gray, few pcs of sl waxy, striaghted claystone w/ pyrite

Sh- A/A

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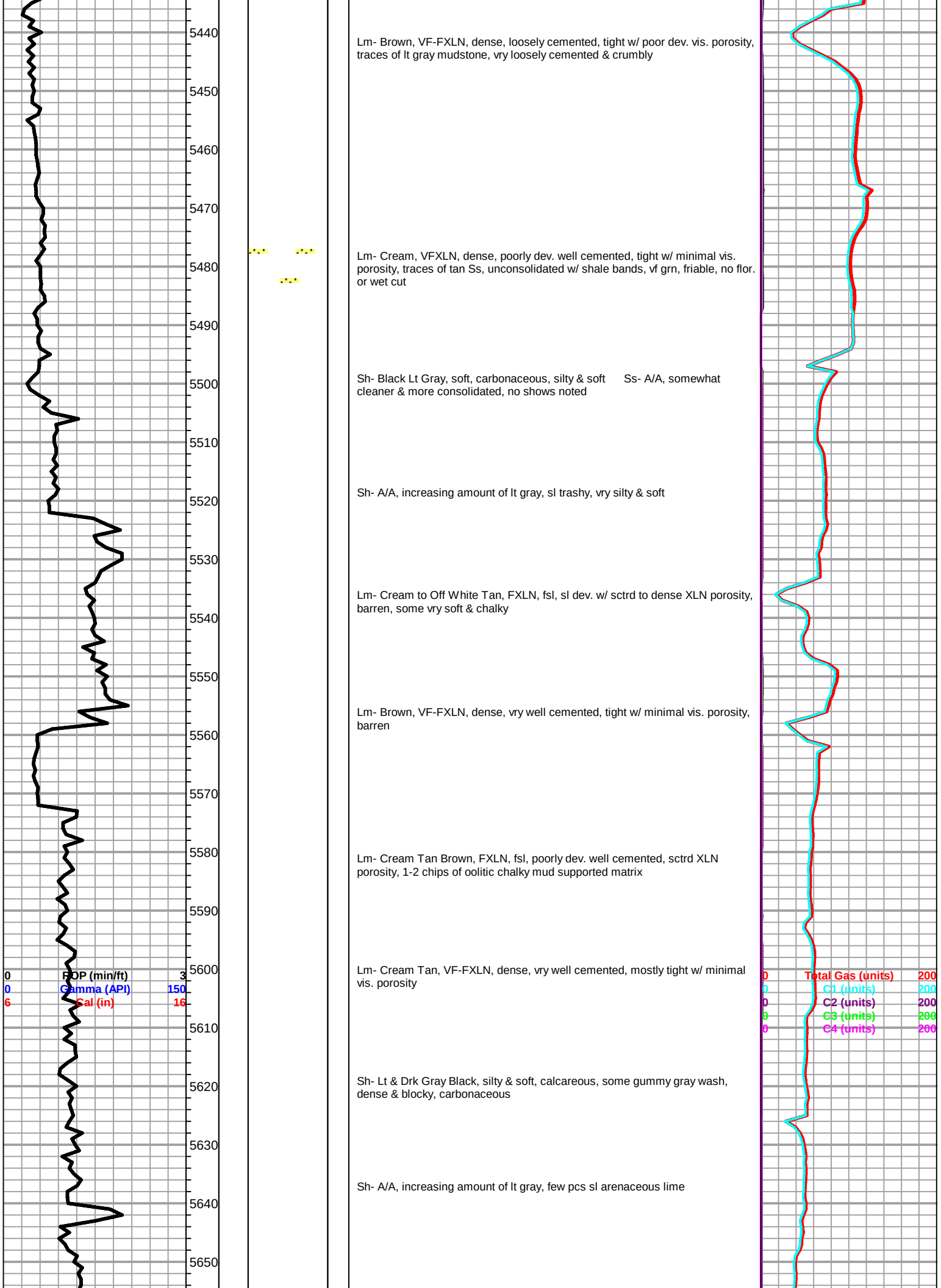
5370
5380
5390
5400
5410
5420
5430
0 ROP (min/ft) 3
0 Gamma (API) 150
6 Cal (in) 16
Sh- A/A, abundant (>90%) black & drk gray, silty & carbonaceous
Sh- Black Gray Brown Maroon, dense & blocky, carbonaceous,
SHORT TRIP @ 5246'
SURVEY
ATOKA 5269' (-2077) E-LOG
Sh- Black Lt Gray, dense & block, carbonaceous, silty & soft, calcareous
Lm- Gray, VF-FXLN, dense, vry well cemented, tight w/ minimal vis. porosity, lithographic
Lm- Lt Gray Tan, Vf Grn, dense, loosely cemented, silty & soft, poor porosity
Sh- Black Gray Brick Red, vry dense & blocky, carbonaceous, silty & calcareous, gritty & earthy
Sh- A/A
Sh- Black Drk & Lt Gray, dense & blocky, carbonaceous, silty & soft, some dense
Lm- Drk Gray, VFXLN, dense, vry well cemented, tight w/o vis. porosity
Sh- Drk Gray Black White, silty & soft, dense & blocky, carbonaceous, few gummy white argillaceous clumps
Lm- Brown Tan Cream, FXLN, dense, well cemented, fsl, poorly dev. w/ micro XLN & XLN porosity
MARROW 5424' (-2232) E-LOG Sh- Black Gray, dense & blocky, carbonaceous, silty & soft
0 Total Gas (units) 200
0 C1 (units) 200
0 C2 (units) 200
0 C3 (units) 200
0 C4 (units) 200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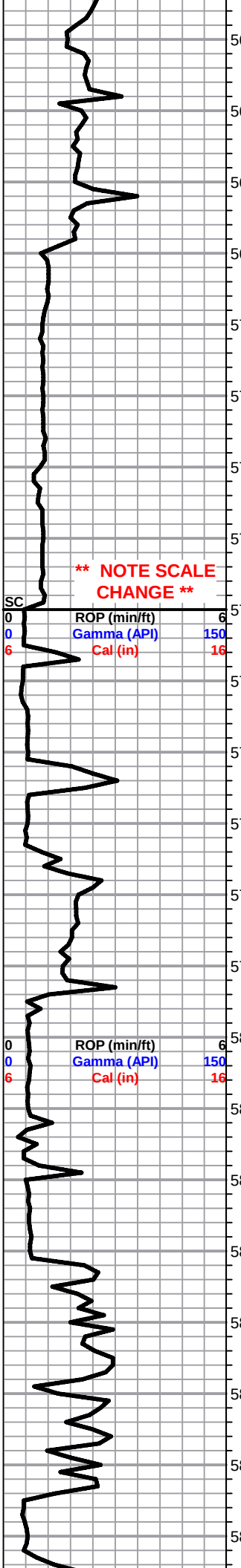
5650
0 ROP (min/ft) 3
0 Gamma (API) 150
6 Cal (in) 16
0 Total Gas (units) 200
0 C1 (units) 200
0 C2 (units) 200
0 C3 (units) 200
0 C4 (units) 200
Lm- Brown, VF-FXLN, dense, loosely cemented, tight w/ poor dev. vis. porosity, traces of lt gray mudstone, vry loosely cemented & crumbly
Lm- Cream, VFXLN, dense, poorly dev. well cemented, tight w/ minimal vis. porosity, traces of tan Ss, unconsolidated w/ shale bands, vf grn, friable, no flor. or wet cut
Sh- Black Lt Gray, soft, carbonaceous, silty & soft
Ss- A/A, somewhat cleaner & more consolidated, no shows noted
Sh- A/A, increasing amount of lt gray, sl trashy, vry silty & soft
Lm- Cream to Off White Tan, FXLN, fsl, sl dev. w/ sctrd to dense XLN porosity, barren, some vry soft & chalky
Lm- Brown, VF-FXLN, dense, vry well cemented, tight w/ minimal vis. porosity, barren
Lm- Cream Tan Brown, FXLN, fsl, poorly dev. well cemented, sctrd XLN porosity, 1-2 chips of oolitic chalky mud supported matrix
Lm- Cream Tan, VF-FXLN, dense, vry well cemented, mostly tight w/ minimal vis. porosity
Sh- Lt & Drk Gray Black, silty & soft, calcareous, some gummy gray wash, dense & blocky, carbonaceous
Sh- A/A, increasing amount of lt gray, few pcs sl arenaceous lime



Sh- Lt & Drk Gray, soft, silty, calcareous

Lm- Drk Gray, unconsolidated, sl sandy & fsl, loosely cemented, trahsy, dense fractured porosity

Sh- Lt & Drk Gray A/A, dense blocky black slivers, some silty pcs, carbonaceous

Sh- Lt Gray Black, silty, calcareous, dense & blocky, carbonaceous

Sh- A/A Ss- Frosted & Brown, Fn-Med Grn, angular, unconsolidated, friable, speckled w/ chlorite/glauconite, barren

Lm- Cream Off White, Vf Grn, dense, loosely cemented, chalky in part, poor intergranular porosity, barren

0 Total Gas (units) 200
0 C1 (units) 200
0 C2 (units) 200
0 C3 (units) 200
0 C4 (units) 200

Sh- Black Gray A/A

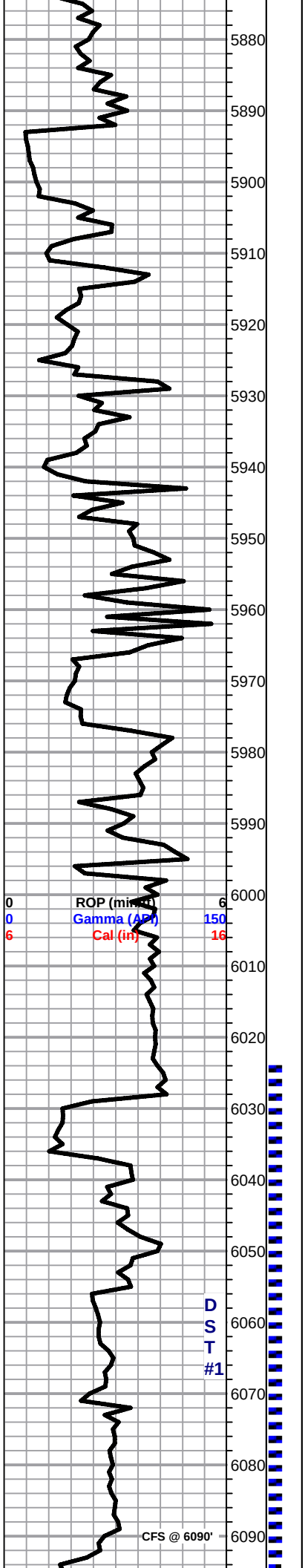
CHESTER 5830' (-2638) E-LOG Lm- Off White, Vf Grn, dense mud supported matrix, chalky in part, soft, no vis. porosity

Lm- Brown Tan, FXLN, dense, well cemented, mostly tight w/ micro XLN porosity

** GAS TEST **

Lm- Lt Gray, VF-FXLN, dense, well-loosely cemented, mostly tight w/ minimal vis. porosity

Lm- Mint Green, Fn Grn, arenaceous ls, vry loosely cemented, sucrosic,



consistant fn ppt intergranular porosity, barren

Lm- A/A w/ cream arenaceous ls A/A, some better cemented

Sh- Maroon, abundant gritty & earthy

Lm- White Off White, VFXLN, dense, poorly dev. minimal vis. to micro XLN porosity, vry clean, barren

Lm- Maroon, Fn Grn, arenaceous, sucrosic, consolidated & sorted

Lm- Tan Cram, Fn Grn, arenaceous A/A

Sh- Black Drk Gray, dense & blocky, waxy, vry well compacted

Lm- Cream Tan, Fn Grn, arenaceous, sucrosic

ST. GENEVIEVE 5976' (-2784) E-LOG Lm- Cream Tan Maroon, Fn Grn, arenaceous & sucrosic, consolidated & sorted, friable, barren

Lm- Cream Lt Green, Fn Grn, arenaceous & sucrosic, consolidated & sorted, loosely cemented to sl fused

Lm- Cream Tan, A/A, few pcs of VFXLN, dense, well cemented, mostly tight w/ minimal vis. porosity, vry clean, barren

0 Total Gas (units) 200
0 C1 (units) 200
0 C2 (units) 200
0 C3 (units) 200
0 C4 (units) 200

Lm- A/A & lt chlorite spklng, w/ few pcs of FXLN densely packed oolites, poorly dev. w/ XLN porosity, barren

Lm/Chert- White Off White Semi-Translucent Golden Brown, VFXLN, dense, vry well cemented, tight w/ minimal vis. porosity & sharp angular fresh bedded chert

Lm- Cream Off White, Vf-Fn Grn, sl arenaceous & sub-sucrosic, poorly dev. some FXLN, loosely cemented & poorly dev. w/ XLN porosity, all vry clean & barren

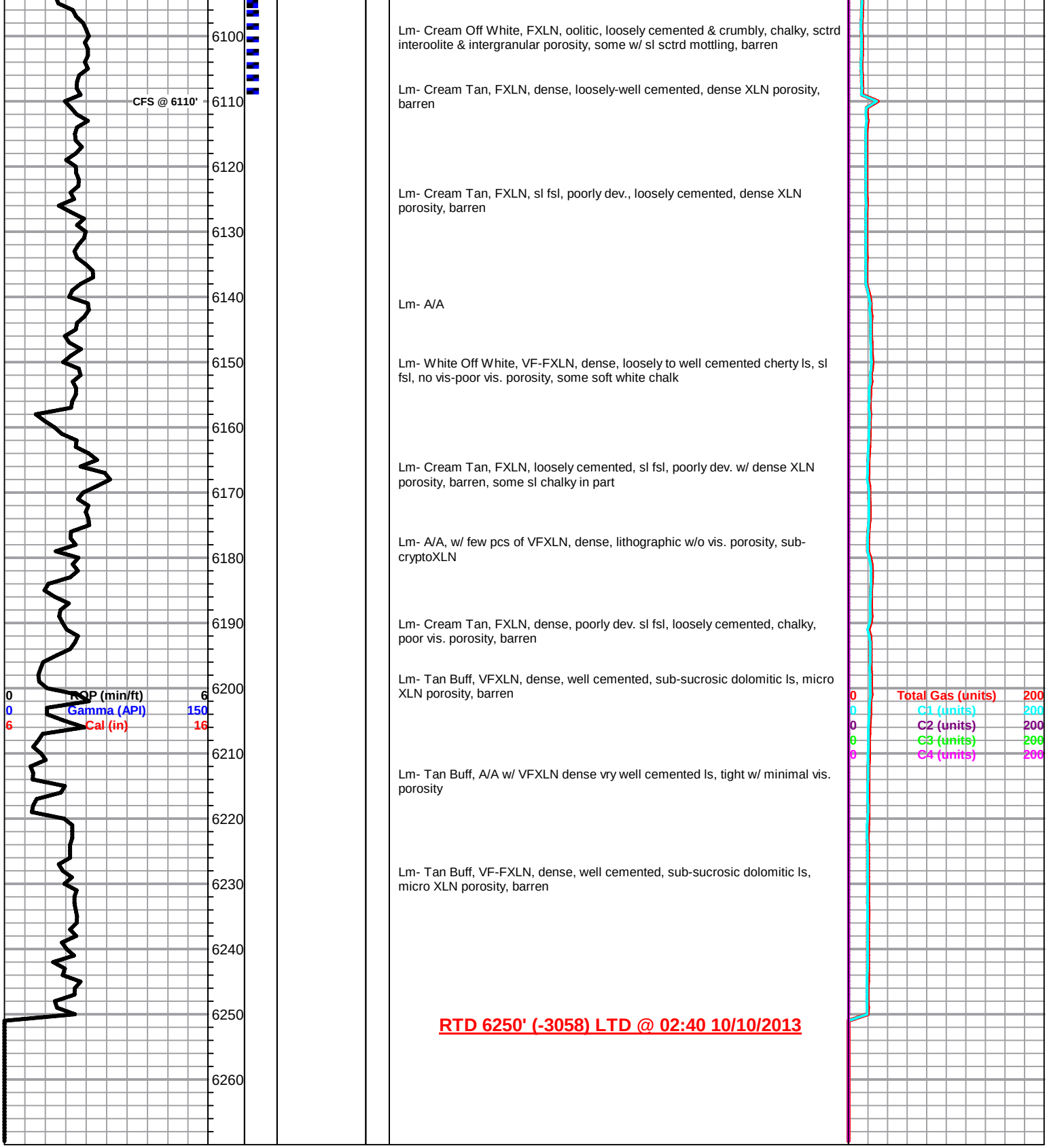
Lm- Cream Buff, VF-FXLN, dense, sl chalky in part, loosely cemented, poorly dev. w/ micro XLN & XLN porosity, all vry clean & barren

MINI TRIP STRAP +2.08

DST #1 ST. LOUIS 6025' - 6110'

Lm- Cream Tan, mostly Fn Grn consolidated & sorted arenaceous sucrosic ls, few pcs of VF-FXLN oolitic biomicrite w/ clear silceous cementation, poorly dev. w/ micro XLN & XLN porosity, vry clean, NO STN, NO FLOR., NO WET CUT

Lm- White Off White, A/A, few pcs of chalky sl unconsolidated ls w/ few small oolites & few pcs of pearl shaped oolite clusters, poorly dev. w/ some clear siliceous cementeation & sctrd vry fn ppt porosity, TR WK STN, NO SFO, NO ODR



Lm- Cream Off White, FXLN, oolitic, loosely cemented & crumbly, chalky, sctrd interoolite & intergranular porosity, some w/ sl sctrd mottling, barren

Lm- Cream Tan, FXLN, dense, loosely-well cemented, dense XLN porosity, barren

Lm- Cream Tan, FXLN, sl fsl, poorly dev., loosely cemented, dense XLN porosity, barren

Lm- A/A

Lm- White Off White, VF-FXLN, dense, loosely to well cemented cherty ls, sl fsl, no vis-poor vis. porosity, some soft white chalk

Lm- Cream Tan, FXLN, loosely cemented, sl fsl, poorly dev. w/ dense XLN porosity, barren, some sl chalky in part

Lm- A/A, w/ few pcs of VFXLN, dense, lithographic w/o vis. porosity, sub-cryptoXLN

Lm- Cream Tan, FXLN, dense, poorly dev. sl fsl, loosely cemented, chalky, poor vis. porosity, barren

Lm- Tan Buff, VFXLN, dense, well cemented, sub-sucrosic dolomitic ls, micro XLN porosity, barren

Lm- Tan Buff, A/A w/ VFXLN dense vry well cemented ls, tight w/ minimal vis. porosity

Lm- Tan Buff, VF-FXLN, dense, well cemented, sub-sucrosic dolomitic ls, micro XLN porosity, barren

RTD 6250' (-3058) LTD @ 02:40 10/10/2013

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO. 1

Date 10-4-13 District ________ Ticket No. 5220129

Company [illegible] Rig [illegible]

Lease Cynthia Well No. 35-7

County Stevens State KS

Location [illegible] Field ________

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐ Surface ☑ Intermediate ☐ Production ☐ Liner ☐

Size 8 5/8 Type ________ Weight 24 Collar ________

Casing Depths: Top 0 Bottom 1760

Drill Pipe: Size ________ Weight ________ Collars ________

Open Hole: Size ________ T.D. ________ ft. P.B. to ________ ft.

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft. .0637	Lin. ft./Bbl. 15.705
Open Holes:	Bbls/Lin. ft.	Lin. ft./Bbl.
Drill Pipe:	Bbls/Lin. ft.	Lin. ft./Bbl.
Annulus:	Bbls/Lin. ft. .0735	Lin. ft./Bbl. 136
	Bbls/Lin. ft.	Lin. ft./Bbl.

Perforations: From ________ ft. to ________ ft. Amt. ________

CEMENT DATA:

Spacer Type: ________

Amt. ________ Sks Yield ________ ft³/sk Density ________ PPG

LEAD: Pump Time ________ hrs. Type 65:35:6% [illegible]
3% cc 1/4# flo
Excess ________

Amt. 625 Sks Yield 1.97 ft³/sk Density 12.40 PPG

TAIL: Pump Time ________ hrs. Type ________ Excess ________

Amt. ________ Sks Yield ________ ft³/sk Density ________ PPG

WATER: Lead ________ gals/sk Tail ________ gals/sk Total ________ Bbls.

Pump Trucks Used 549.550

Bulk Equip. 472-554-844-774

Float Equip: Manufacturer Weather Ford

Shoe: Type ________ Depth ________

Float: Type ________ Depth ________

Centralizers: Quantity ________ Plugs Top ________ Btm. ________

Stage Collars ________

Special Equip. ________

Disp. Fluid Type ________ Amt. ________ Bbls. Weight ________ PPG

Mud Type ________ Weight ________ PPG

COMPANY REPRESENTATIVE [signature]

CEMENTER [signature]

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	PRESSURES PSI ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
3:00						On location
6:30						Rigged up head after saftymeeting
6:50						1500 psi testing lines
6:51	200		10		5	10 bbls ahead of H_2O
6:54	300		219		6	Mixing lead cement at 12.4
7:30	400	—	42	—	5	Mixing tail cement at 15.6
7:40	—	—	—	—	—	Shut down to release plug
7:41	400	—	109	—	6	Plug left head displacement 109bbl
8:00	1200	—	109	—	4	landed plug 1200psi float holding
						60 bbls of cement to surface
						Thank You

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 1/2 BBLS. THANK YOU

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 04305 A

DATE TICKET NO.

DATE OF JOB 10-11-13 DISTRICT 1717	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Palmer Oil	LEASE Cynthia # 35-7 WELL NO.
ADDRESS	COUNTY Stevens STATE KS
CITY STATE	SERVICE CREW E Mendoza, M. Bosquez
AUTHORIZED BY J Bennett	JOB TYPE: 2412 5½ Production

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
34726	8				
27467	8				
14355	8				
19578	8				

	DATE		TIME
TRUCK CALLED	10-11-13	AM PM	3:00
ARRIVED AT JOB		AM PM	7:00
START OPERATION		AM PM	10:00
FINISH OPERATION		AM PM	11:00
RELEASED		AM PM	12:00
MILES FROM STATION TO WELL			50 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: Emigdio Mendoza
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CL105	AA2	sk	200		
CL103	60/40 Poz	sk	50		
CC113	Gypsum	lb	948		
CC111	Salt		1107		
CC103	C-15		113		
CC105	C-41P		47		
CC201	Gilsonite		1000		
CF1251	5½" Auto Fill Float Shoe	ea	1		
CF1607	Latch Down Plug + Baffle		1		
CF4452	Turbolizer		12		
CF4552	Basket		1		
CF3000	Thread Lock		1		
CC151	Mud Flush	gal	500		
E101	Heavy Equipment Mileage	mi	100		
CE240	Bulk Mixing Service	sk	250		
E113	Proppant - Bulk Delivery	ton/mi	578		
CE207	Pump Depth: 6001-7000	4hr	1		
CE504	Plug Container	ea	1		
E100	Unit Mileage	mi	50		

SUB TOTAL $11049.68

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Abel Rivera

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Emigdio Mendoza
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Palmer Oil	Lease No.:	Date: 10-11-13	
Lease: Cynthia	Well #: 35-7	Service Receipt: 04305	
Casing: 5½" 17# Depth: 6260'	County: Stevens	State: KS	
Job Type: 242 - 5½" PTA	Formation:	Legal Description: 35-31-39	

Pipe Data		Perforating Data		Cement Data
Casing size: 5½" 17#	Tubing Size:	Shots/Ft		Lead
Depth: 6260'	Depth:	From	To	
Volume: Disp - 145 bbl	Volume:	From	To	
Max Press: 2500#	Max Press:	From	To	Tail in: 200 sk AA2
Well Connection: TD - 6240'	Annulus Vol.:	From	To	
Plug Depth: SJ - 22	Packer Depth:	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
2:00					on loc - site assesment
7:00					spot trucks - rig up
4:00					Start csg + float equip
7:30					csg on btm - break circ
7:30					safety meeting - JSA
8:30					pressure test 3000#
8:32	300		5	4	~~mix~~ + pump 5 bbl H2O spacer
8:37	300		12	4	pump 500 gal mudflush
8:40	300		5	4	pump 5 bbl H2O spacer
8:45	200		53.4	5	mix + pump 200 sk AA2 @ 14.8 ppg - 1.51 ft3/sk
					wash lines
8:55					drop latch down plug - disp csg
9:00	100		0	6	slow rate
9:25	900		135	2	land plug - float hold
9:30	1400		145	0	plug rat + mouse holes w/ 50 sk 60/40 Poz
					job complete

Service Units	34726	27462	14355-19575			
Driver Names	A Rivera	I Mulroy	M Vasquez			

Customer Representative: Emilio

Station Manager: J Bennett

Cementer: A Rivera

Taylor Printing, Inc.

DRILL STEM TEST REPORT

Prepared For: **Palmer Oil Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

Cynthia #35-7

35-31s-39w Stevens,KS

Start Date: 2013.10.09 @ 06:32:56
End Date: 2013.10.09 @ 17:41:41
Job Ticket #: 52438 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.10 @ 15:23:21

DRILL STEM TEST REPORT

Palmer Oil Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

35-31s-39w Stevens,KS

Cynthia #35-7

Job Ticket: 52438 **DST#: 1**

Test Start: 2013.10.09 @ 06:32:56

GENERAL INFORMATION:

Formation: **ST Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:44:26
Time Test Ended: 17:41:41

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Staats
Unit No: #47

Interval: 6025.00 ft (KB) To 6110.00 ft (KB) (TVD)
Total Depth: 6110.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

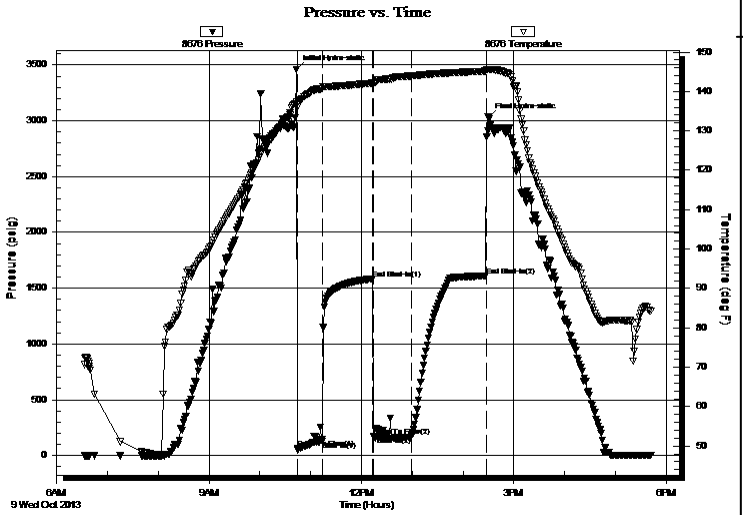
Reference Elevations: 3192.00 ft (KB)
3180.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8676 **Outside**

Press@RunDepth: 171.06 psig @ 6026.00 ft (KB)
Start Date: 2013.10.09 End Date: 2013.10.09
Start Time: 06:33:01 End Time: 17:41:41

Capacity: 8000.00 psig
Last Calib.: 2013.10.09
Time On Btm: 2013.10.09 @ 10:43:11
Time Off Btm: 2013.10.09 @ 14:29:26

TEST COMMENT: IF: No blow Chased tool 10'
ISI: No blow back
FF: Waek blow 3"
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3460.68	137.28	Initial Hydro-static
2	65.85	136.01	Open To Flow (1)
31	126.67	140.69	Shut-In(1)
91	1584.72	142.10	End Shut-In(1)
92	173.74	142.10	Open To Flow (2)
136	171.06	143.95	Shut-In(2)
224	1610.67	145.16	End Shut-In(2)
227	3031.31	145.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	W,M 2%w ater 98% mud	1.02

Gas Rates

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

DRILL STEM TEST REPORT

Palmer Oil Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

35-31s-39w Stevens,KS

Cynthia #35-7

Job Ticket: 52438 **DST#: 1**

Test Start: 2013.10.09 @ 06:32:56

GENERAL INFORMATION:

Formation: **ST Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:44:26
Time Test Ended: 17:41:41

Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Staats
Unit No: #47

Interval: 6025.00 ft (KB) To 6110.00 ft (KB) (TVD)
Total Depth: 6110.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

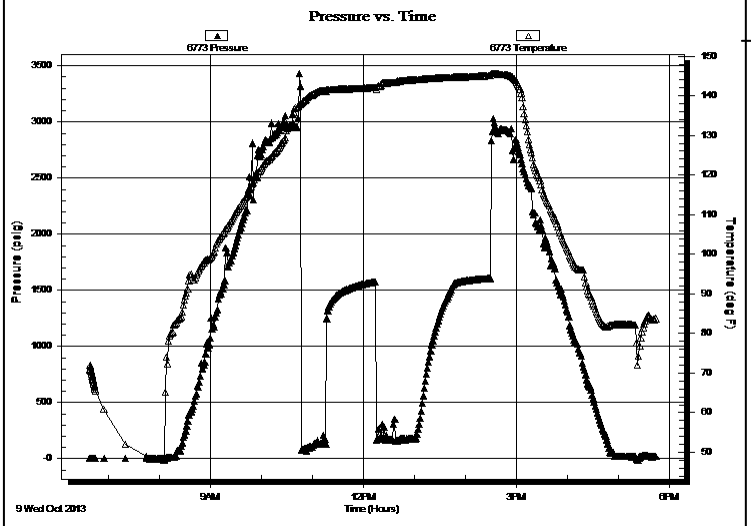
Reference Elevations: 3192.00 ft (KB)
3180.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6773 **Inside**

Press@RunDepth: psig @ 6026.00 ft (KB)
Start Date: 2013.10.09 End Date: 2013.10.09
Start Time: 06:37:27 End Time: 17:44:22

Capacity: 8000.00 psig
Last Calib.: 2013.10.09
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: No blow Chased tool 10'
ISI: No blow back
FF: Waek blow 3"
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
195.00	W,M 2%w ater 98% mud	1.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palmer Oil Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

35-31s-39w Stevens,KS

Cynthia #35-7

Job Ticket: 52438 **DST#: 1**

Test Start: 2013.10.09 @ 06:32:56

Tool Information

Drill Pipe:	Length:	5840.00 ft	Diameter:	3.80 inches	Volume:	81.92 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	188.00 ft	Diameter:	2.25 inches	Volume:	0.92 bbl	Weight to Pull Loose:		135000.0 lb
					Total Volume:	82.84 bbl	Tool Chased		10.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight:	Initial	85000.00 lb
Depth to Top Packer:		6025.00 ft						Final	85000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		85.00 ft							
Tool Length:		114.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			5997.00		
Shut In Tool	5.00			6002.00		
Hydraulic tool	5.00			6007.00		
Jars	5.00			6012.00		
Safety Joint	3.00			6015.00		
Packer	5.00			6020.00	29.00	Bottom Of Top Packer
Packer	5.00			6025.00		
Stubb	1.00			6026.00		
Recorder	0.00	8676	Outside	6026.00		
Recorder	0.00	6773	Inside	6026.00		
Change Over Sub	0.50			6026.50		
Drill Pipe	62.00			6088.50		
Change Over Sub	0.50			6089.00		
Perforations	18.00			6107.00		
Bullnose	3.00			6110.00	85.00	Bottom Packers & Anchor
Total Tool Length:	**114.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palmer Oil Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil Obrate/ Jeff L

35-31s-39w Stevens,KS

Cynthia #35-7

Job Ticket: 52438 **DST#: 1**

Test Start: 2013.10.09 @ 06:32:56

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

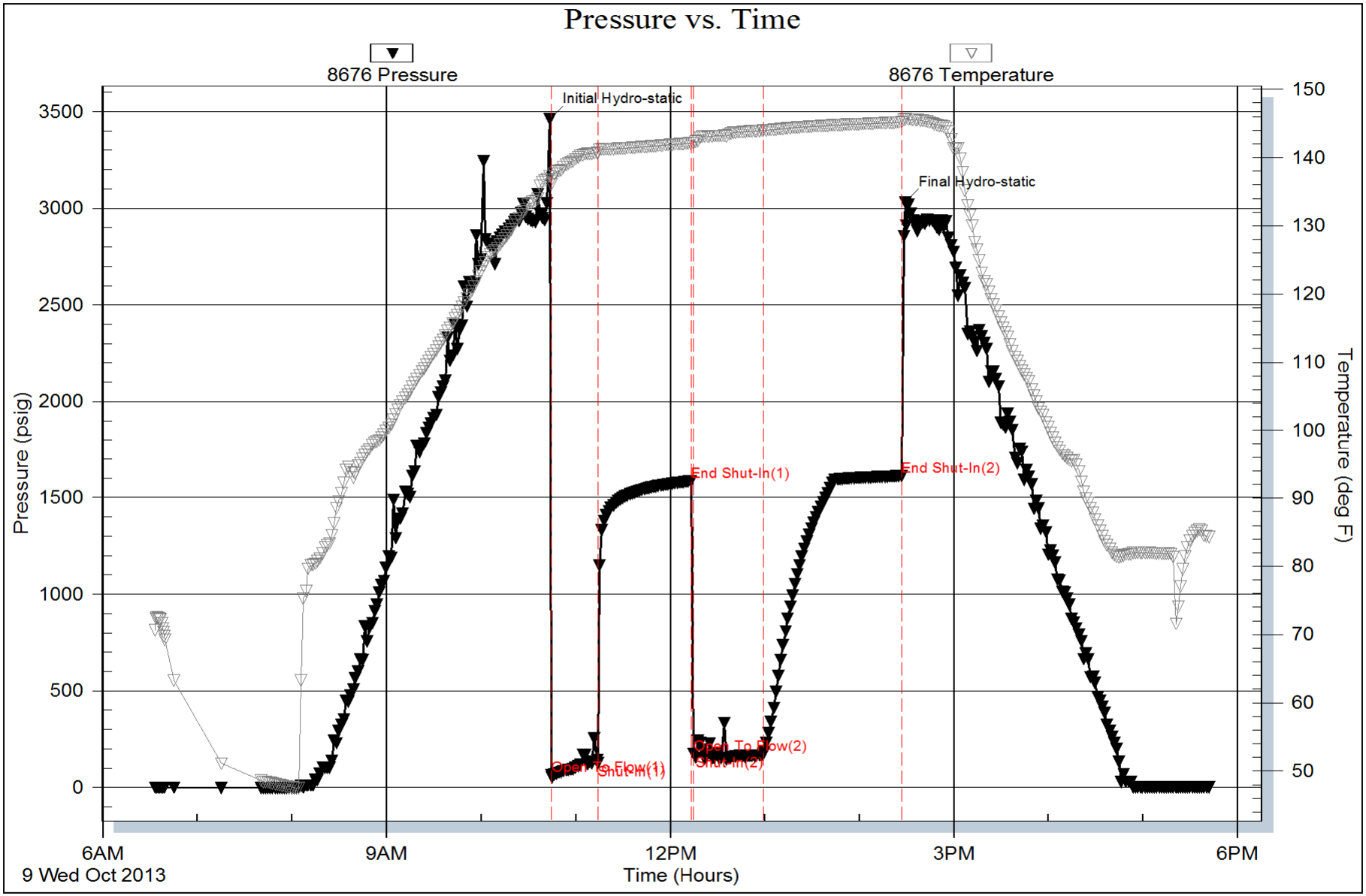
Recovery Table

Length ft	Description	Volume bbl
195.00	W,M 2%w ater 98% mud	1.023

Total Length: 195.00 ft Total Volume: 1.023 bbl

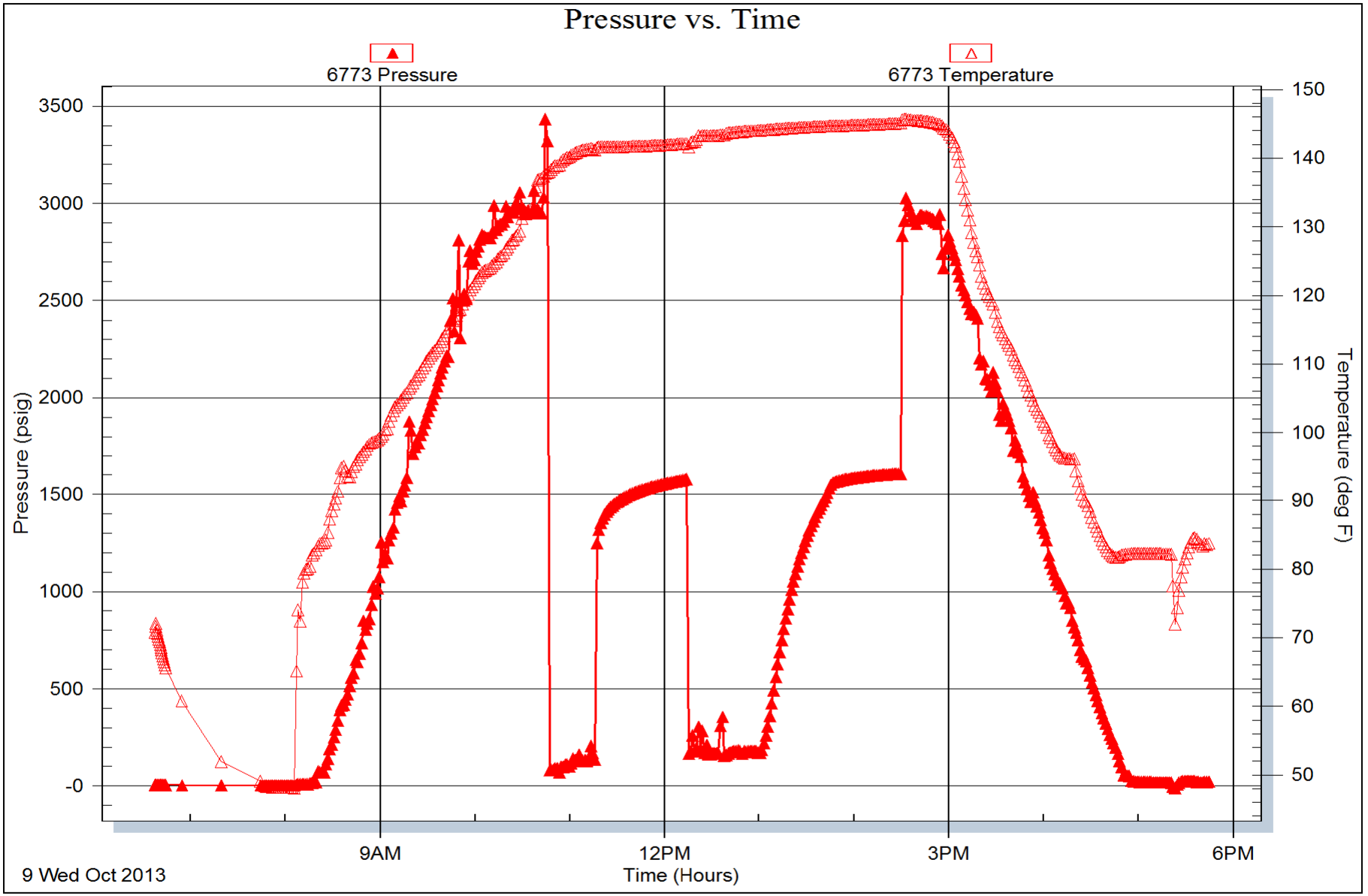
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8676 **Outside** Palmer Oil Inc Cynthia #35-7 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 52438 Printed: 2013.10.10 @ 15:23:23

Serial #: 6773 **Inside** Palmer Oil Inc Cynthia #35-7 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 52438 Printed: 2013.10.10 @ 15:23:23

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 52438

Well Name & No. Cynthia #35-7 Test No. 1 Date 10-9-13

Company Palmer Oil INC Elevation 3192 KB 3180 GL

Address 3118 N Commins Rd Garden city KS 67846

Co. Rep / Geo. Cecil Obrate \ Jeff Lawler Rig Duke #9

Location: Sec. 35 Twp. 31 Rge. 39 Co. Stevens State KS

Interval Tested 6025 - 6110 Zone Tested St Louis

Anchor Length 85' Drill Pipe Run 5840 Mud Wt. 9.3

Top Packer Depth 6020 Drill Collars Run 188 Vis 50

Bottom Packer Depth 6025 Wt. Pipe Run 0 WL 8.4

Total Depth 6110 Chlorides 2,300 ppm System LCM 4#

Blow Description IF: No blow Chased tool 10'

ISI: No blowback

FF: Weak blow 3"

FSI: No blow back

	Feet of	%gas	%oil	%water	%mud
Rec					
Rec 195'	Feet of W, M		2	98	
Rec	Feet of				
Rec	Feet of				
Rec	Feet of				

Rec Total 195' BHT 140 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 3460	☑ Test 1450	T-On Location 615
(B) First Initial Flow 65	☑ Jars 250	T-Started 6:32
(C) First Final Flow 126	☑ Safety Joint 75	T-Open 10:44
(D) Initial Shut-In 1584	☐ Circ Sub	T-Pulled 14:30
(E) Second Initial Flow 173	☐ Hourly Standby	T-Out 17:40
(F) Second Final Flow 171	☑ Mileage 340 miles 230rt 356.50	Comments
(G) Final Shut-In 1610	☐ Sampler	
(H) Final Hydrostatic 3031	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 60	☐ Extra Recorder	Sub Total 0
Final Flow 45	☐ Day Standby	Total 2131.50
Final Shut-In 90	☐ Accessibility	MP/DST Disc't
	Sub Total 2131.50	

Approved By _____ Our Representative Chris Staab

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/

October 30, 2013

Joe Smith
Palmer Oil, Inc.
3118 N. Cummings Rd.
PO BOX 399
GARDEN CITY, KS 67846

Re: ACO1
API 15-189-22807-00-00
Cynthia 35-7
SE/4 Sec.35-31S-39W
Stevens County, Kansas

Dear Production Department:

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

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

Respectfully,
Joe Smith