



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153116
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: _____



1153116

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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OPERATOR

Company: Palmer Oil, Inc.
 Address: 3118 N. Cummings Rd.
 P.O. Box 399
 Garden City, KS 67846

Contact Geologist: Kevin Wiles
 Contact Phone Nbr: 620-275-2963
 Well Name: Cynthia #35-6
 Location: Sec. 35- T31S - R39W
 Pool:
 State: Kansas

API: 15-189-22806-00-00
 Field:
 Country: USA

Scale 1:240 Imperial

Well Name: Cynthia #35-6
 Surface Location: Sec. 35- T31S - R39W
 Bottom Location:
 API: 15-189-22806-00-00
 License Number: 34904
 Spud Date: 7/1/2013 Time: 8:34 AM
 Region: Stevens County
 Drilling Completed: 7/10/2013 Time: 6:00 PM
 Surface Coordinates: 2225' FNL & 2300' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 3183.00ft
 K.B. Elevation: 3195.00ft
 Logged Interval: 4000.00ft To: 6200.00ft
 Total Depth: 6200.00ft
 Formation: Morrow
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 2225' FNL
 E/W Co-ord: 2300' FEL

LOGGED BY

Ted Pfau
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 913-461-3006
 Logged By: Geologist Name: Ted Pfau

CONTRACTOR

Contractor: Duke Drilling Company
 Rig #: 9
 Rig Type: mud rotary
 Spud Date: 7/1/2013 Time: 8:34 AM
 TD Date: 7/10/2013 Time: 6:00 PM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 3195.00ft Ground Elevation: 3183.00ft
 K.B. to Ground: 12.00ft

NOTES

ROCK TYPES



ACCESSORIES

MINERAL

- Sandy
- Silty
- △ Chert White

FOSSIL

- F Fossils < 20%
- φ Oolite

STRINGER

- Limestone
- Sandstone
- Siltstone
- Shale
- red shale
- carb shale

TEXTURE

- C Chalky

OTHER SYMBOLS

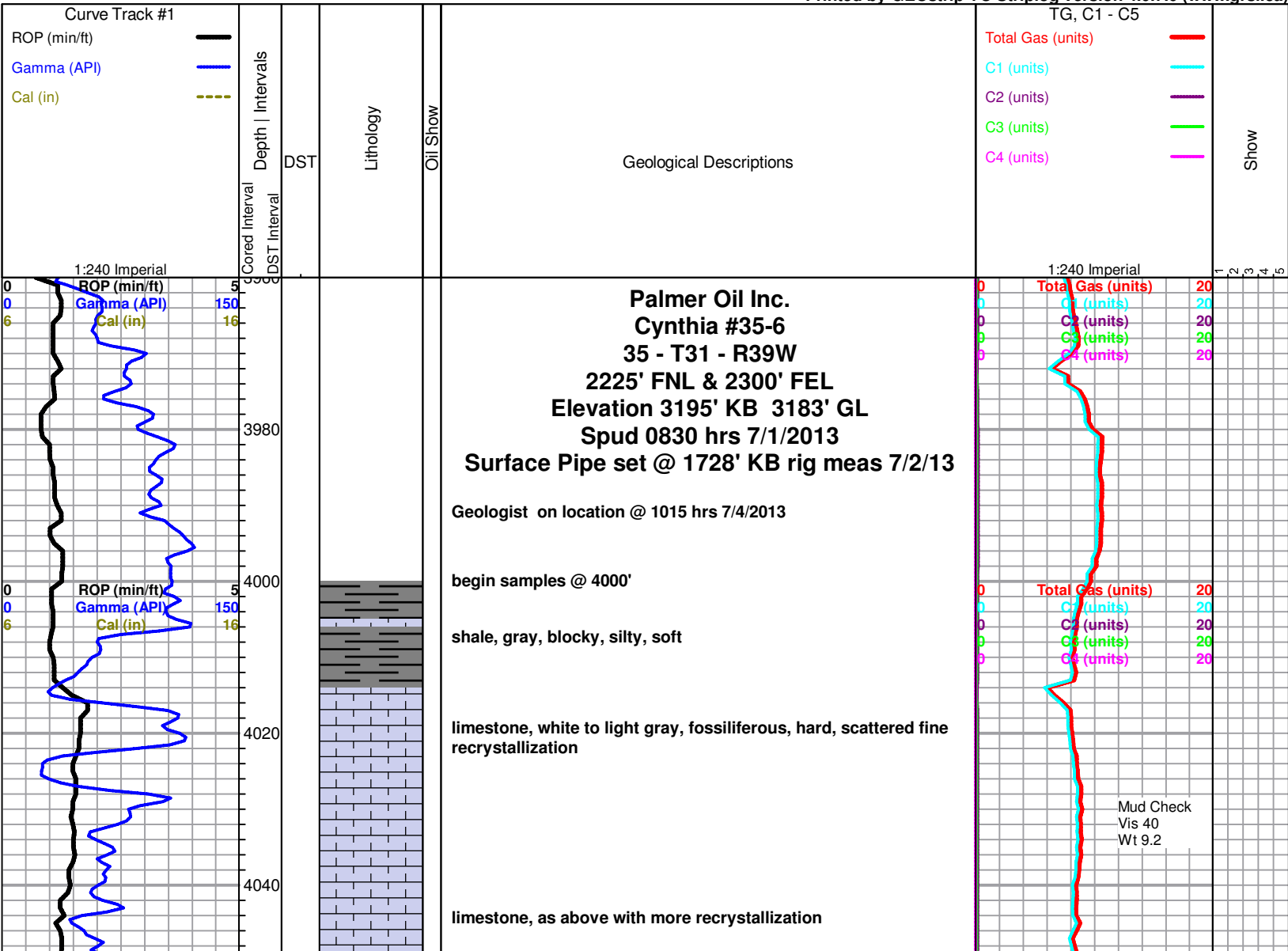
Oil Show

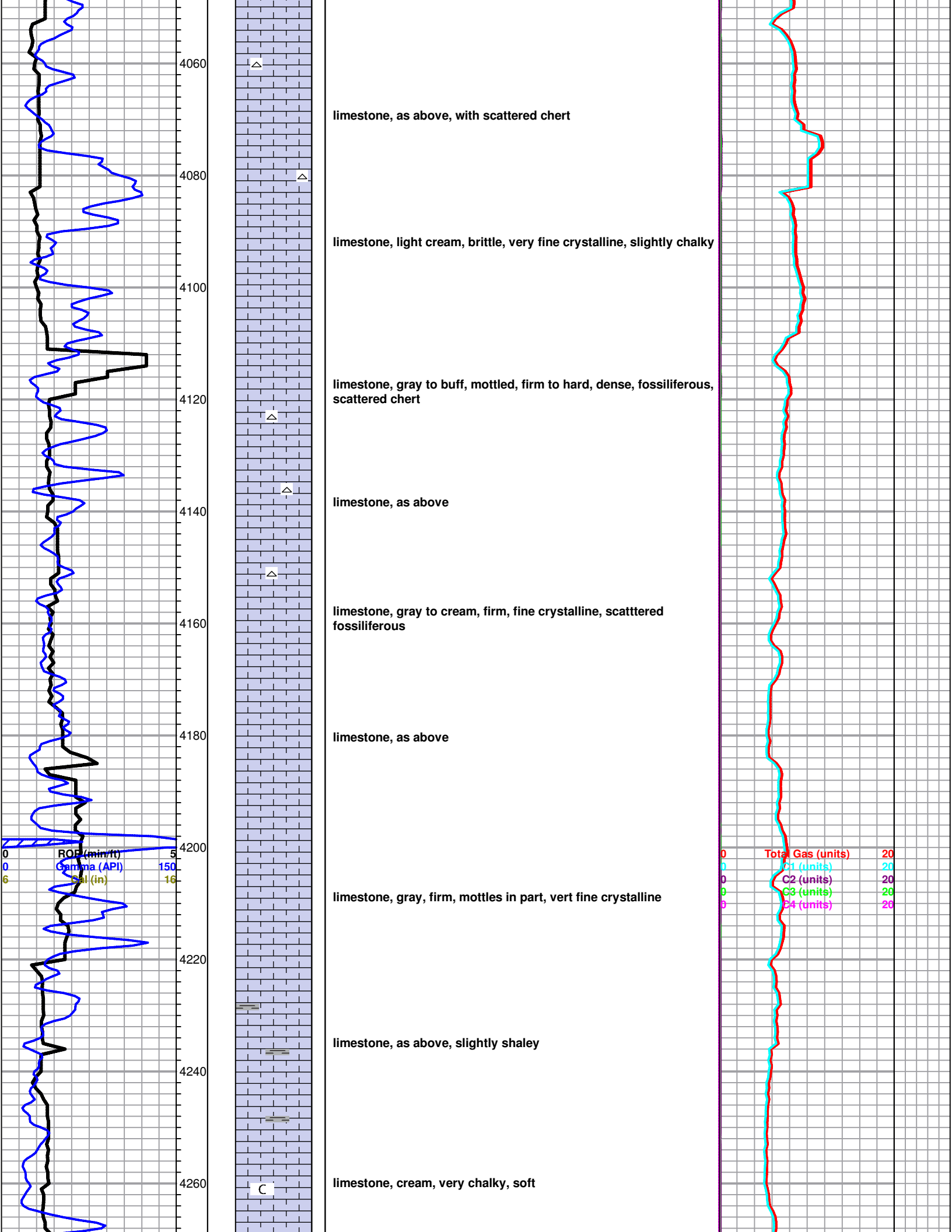
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- * Gas

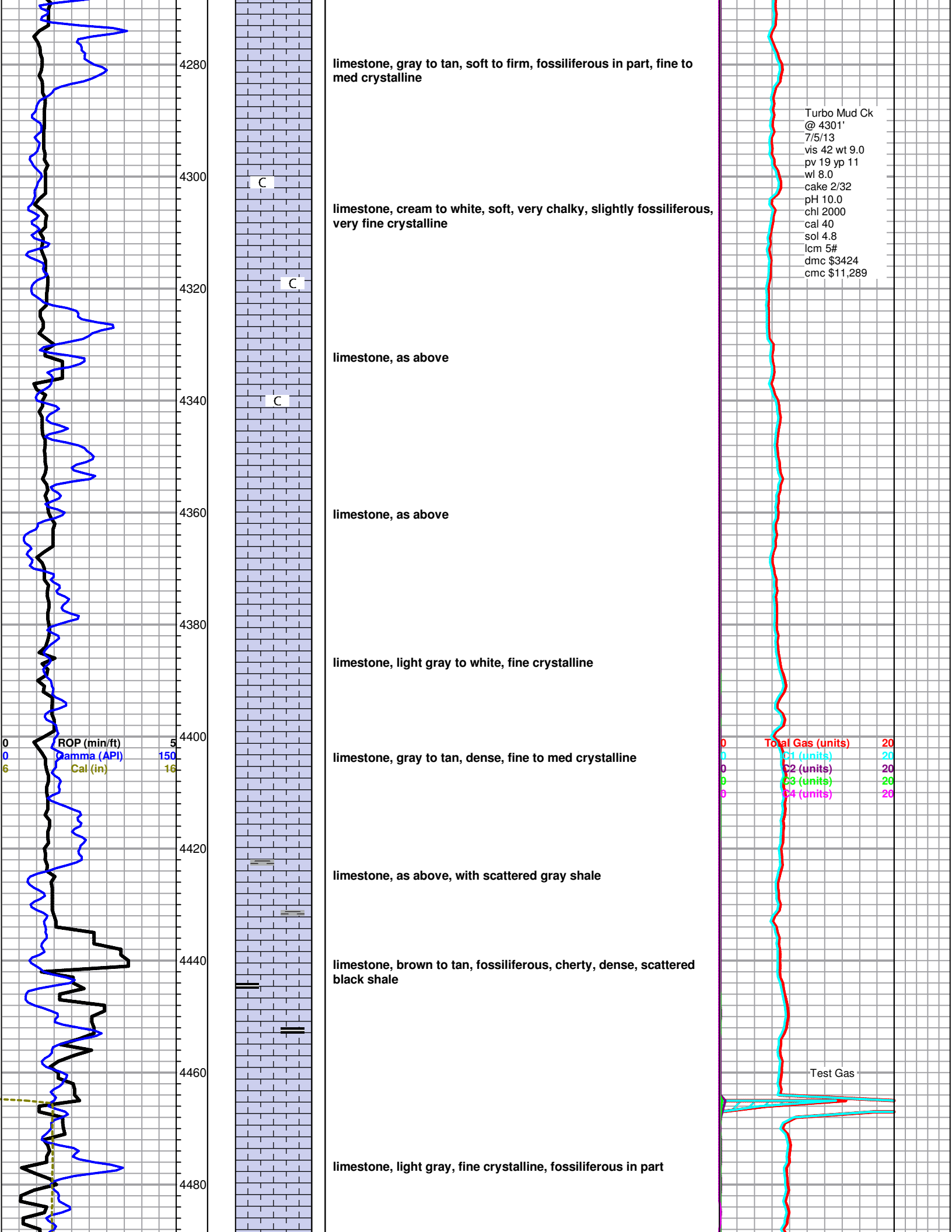
DST

- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





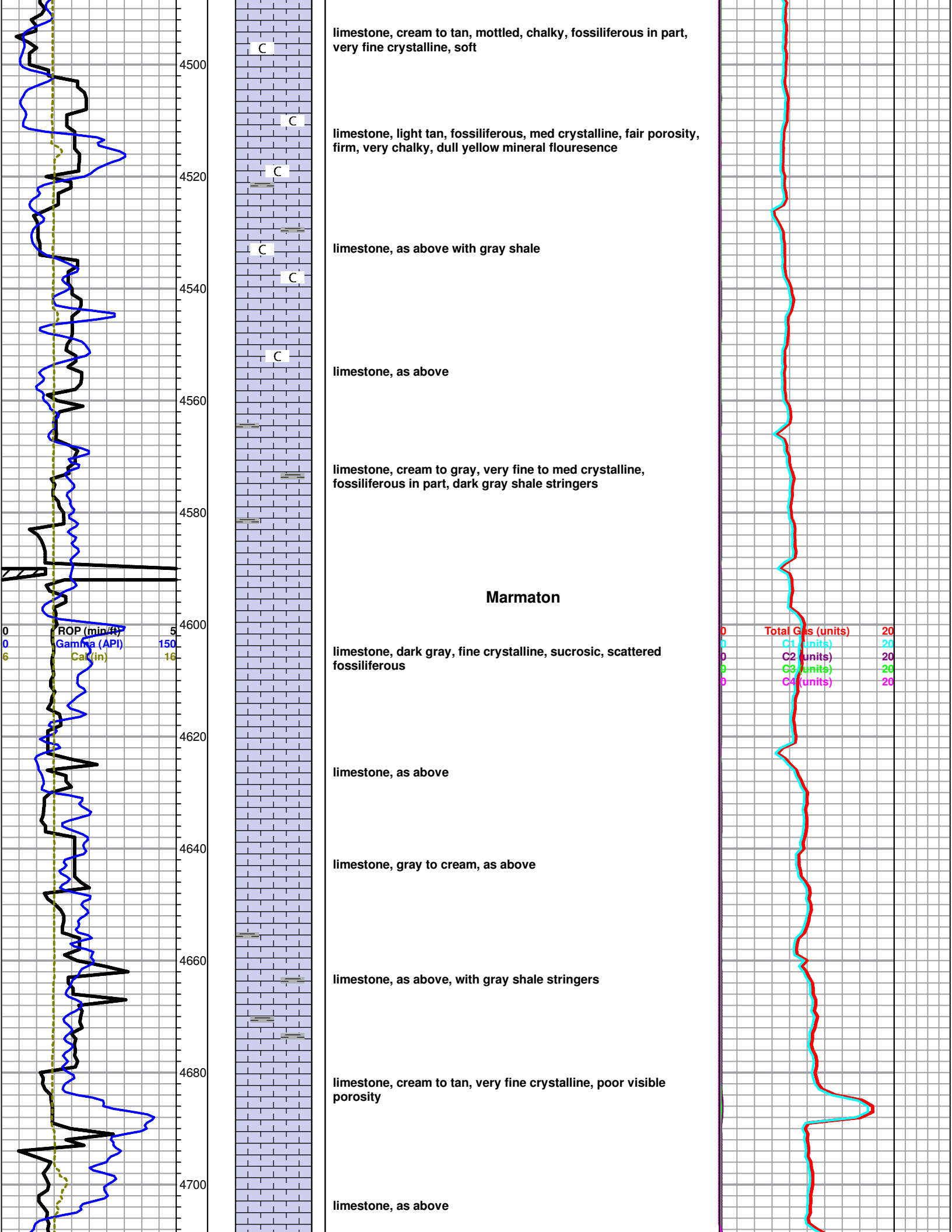


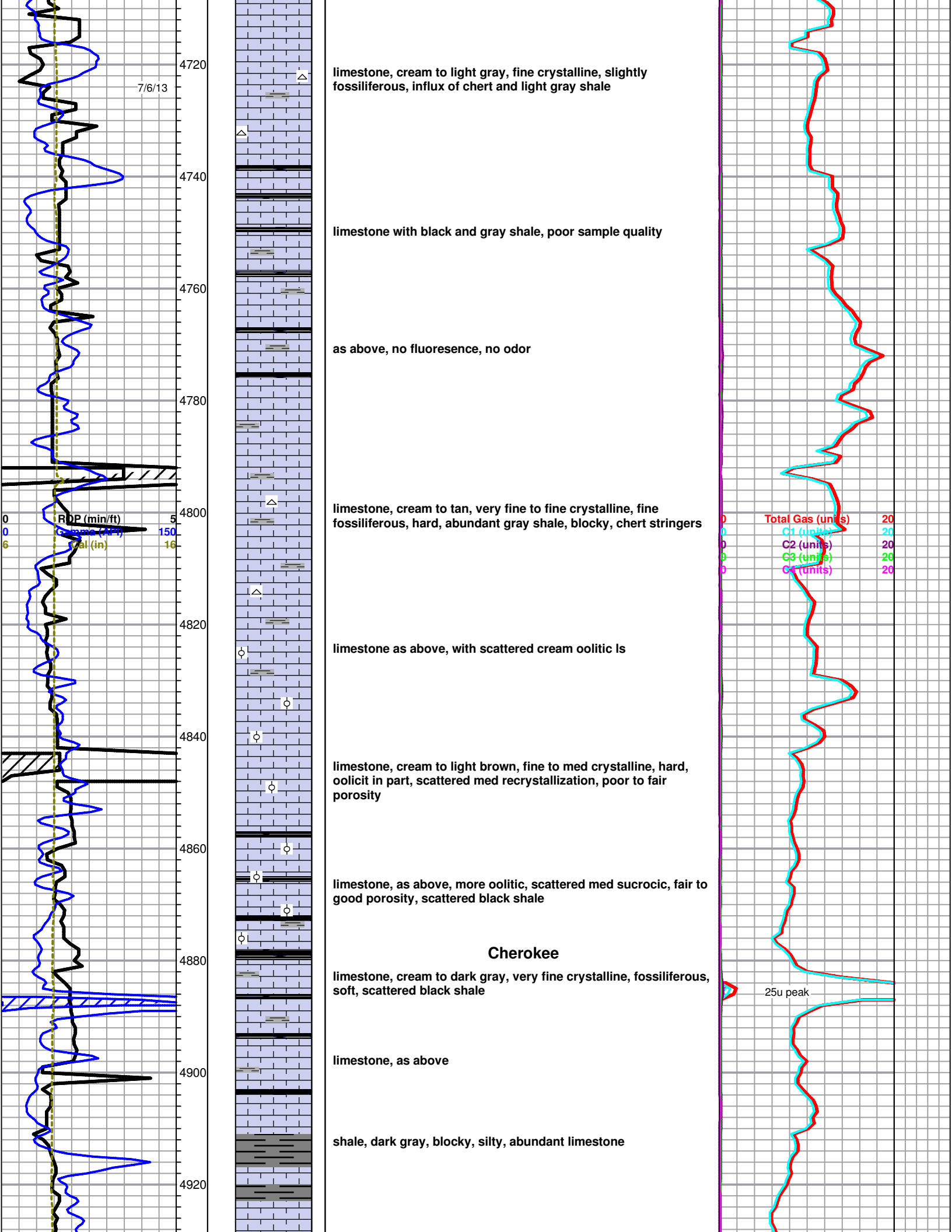
Turbo Mud Ck
 @ 4301'
 7/5/13
 vis 42 wt 9.0
 pv 19 yp 11
 wl 8.0
 cake 2/32
 pH 10.0
 chl 2000
 cal 40
 sol 4.8
 lcm 5#
 dmc \$3424
 cmc \$11,289

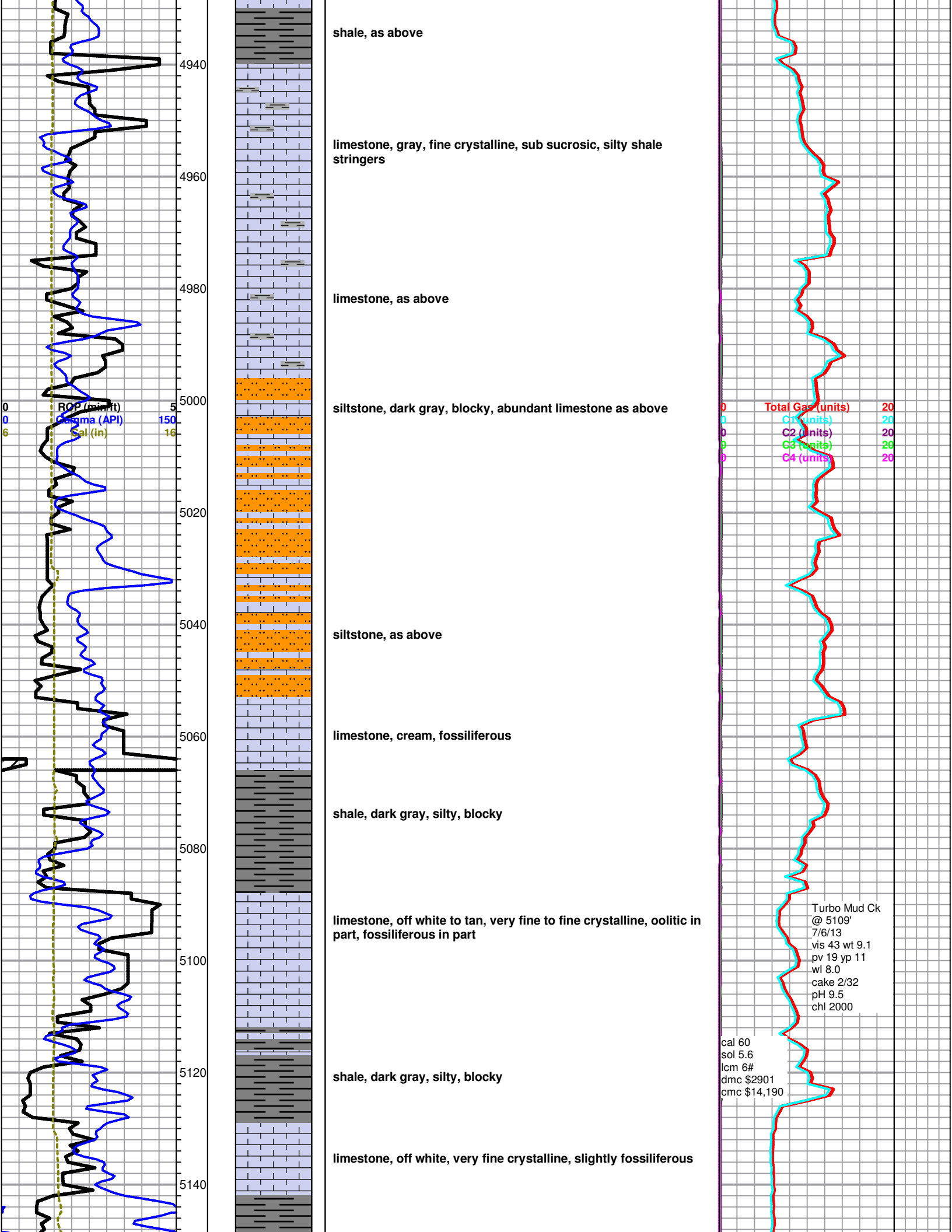
ROP (min/ft) 5
 Gamma (API) 150
 Cal (in) 16

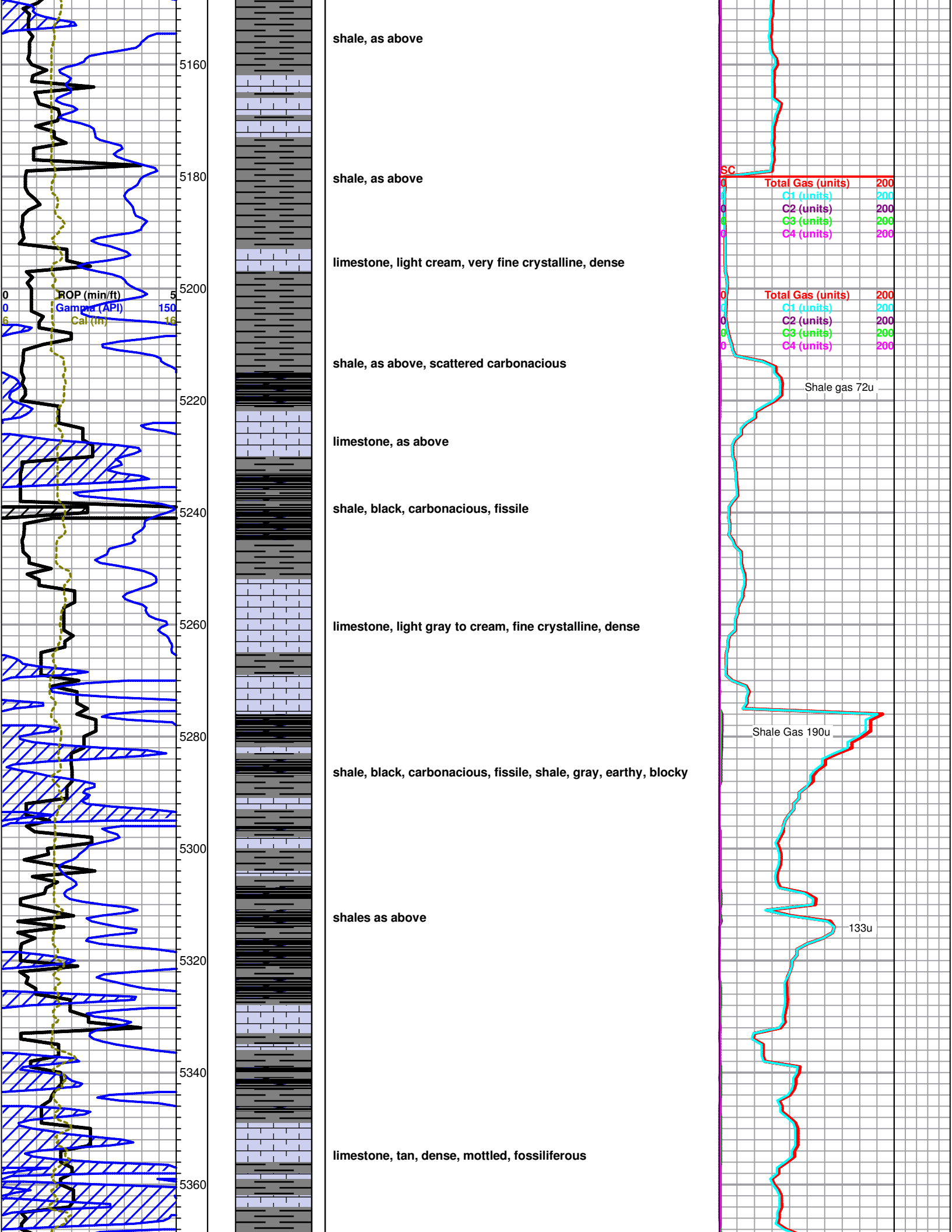
Total Gas (units) 20
 C1 (units) 20
 C2 (units) 20
 C3 (units) 20
 C4 (units) 20

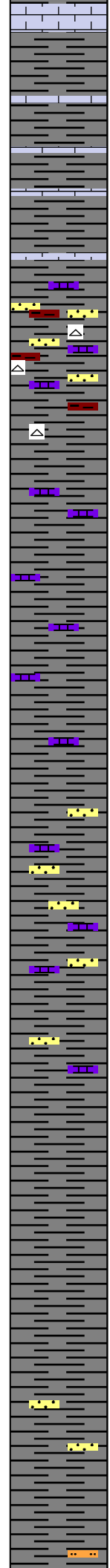
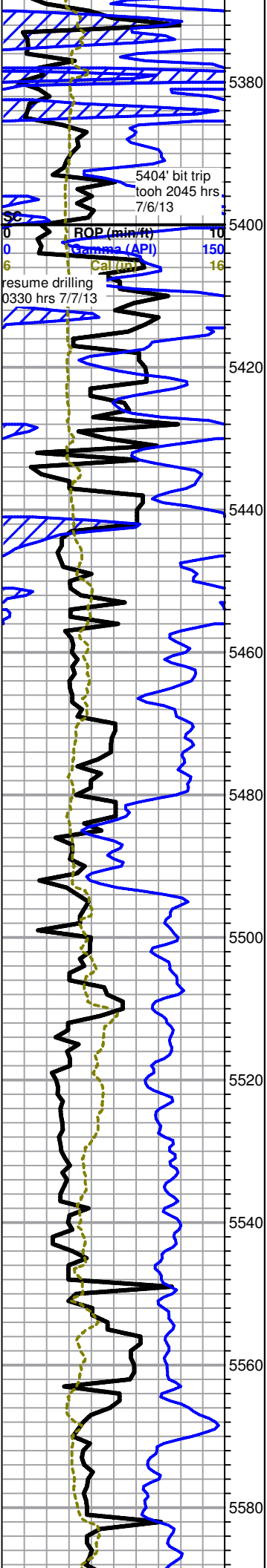
Test Gas











Morrow

shale, dark gray, silty, earthy, soft, limestone stringers, dark gray, mottled, fossiliferous

Dev. Survey 1 degree
Strap 2' long to board

shale, as above, carrying a lot of sandstone, limestone, and chert

shale, gray to dark gray, earthy to silty, platy to blocky, limestone stringers

shale, as above

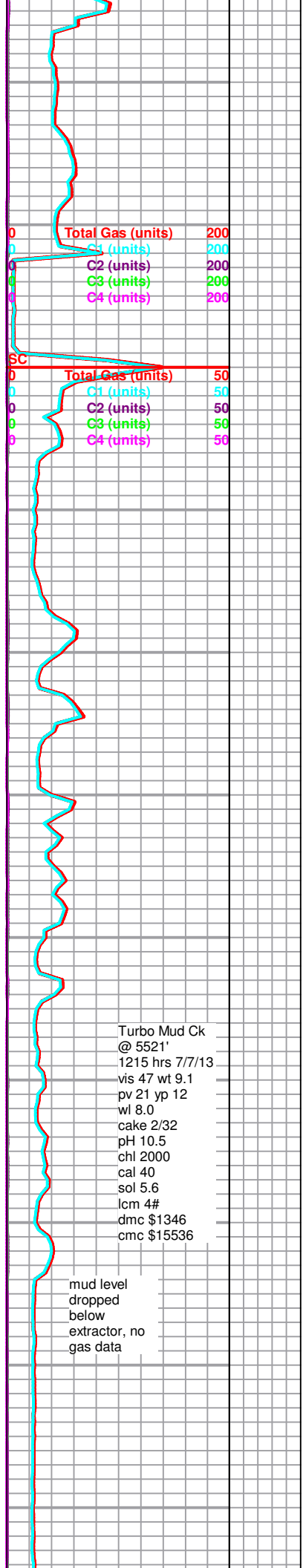
shale, as above, with influx of fine white sandstone

shale and sand, as above

shale, gray to dark gray, platy

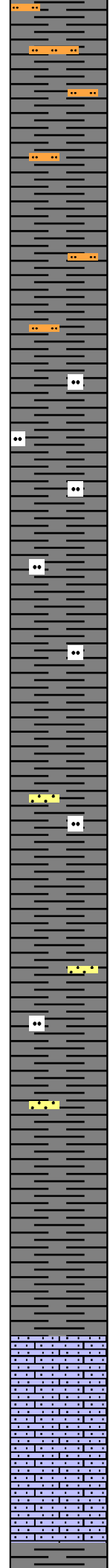
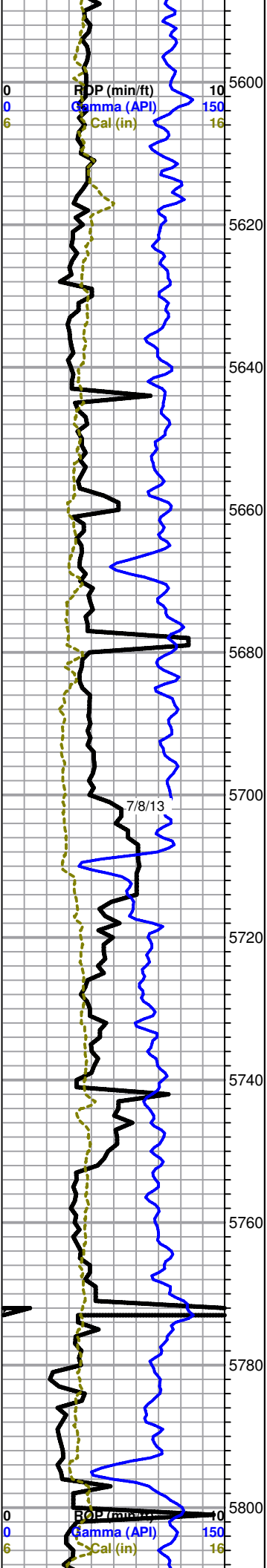
shale as above

shale as above



Turbo Mud Ck
@ 5521'
1215 hrs 7/7/13
vis 47 wt 9.1
pv 21 yp 12
wl 8.0
cake 2/32
pH 10.5
chl 2000
cal 40
sol 5.6
lcm 4#
dmc \$1346
cmc \$15536

mud level
dropped
below
extractor, no
gas data



shale, as above with siltstone, light gray, firm, blocky

shale and siltstone, as above

shale, light gray to gray, platy, earthy, silty in part

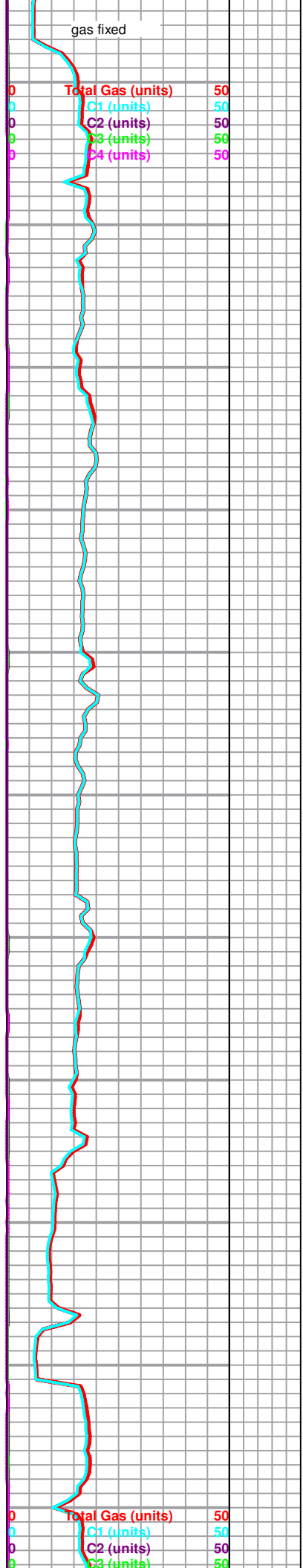
shale, as above

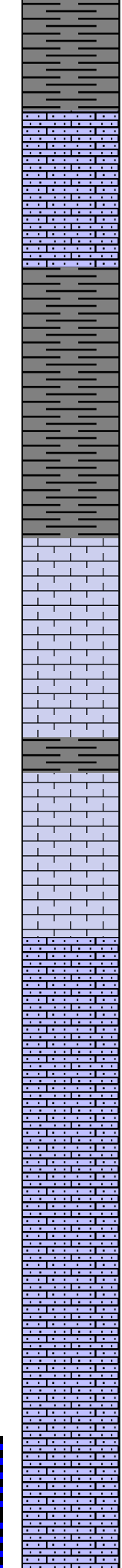
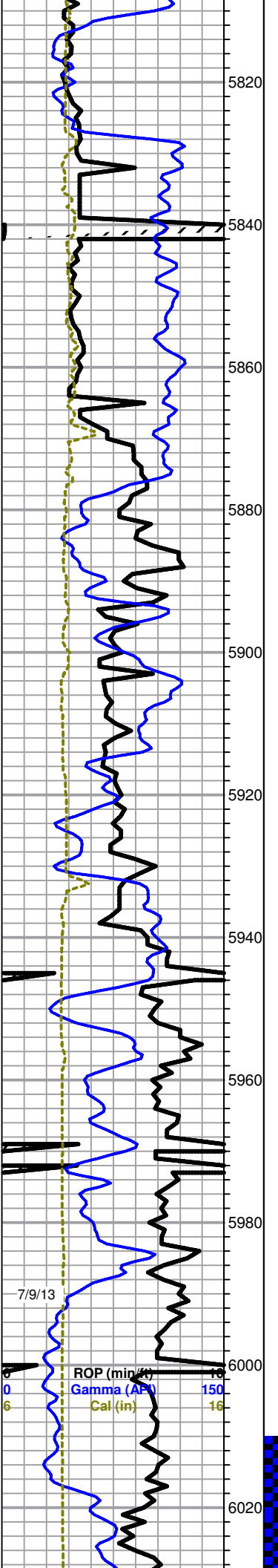
shale, gray, platy to fissile, earthy, silty in part, some sandstone stringers

shale, as above

shale, as above, no sand

sandy limestone, light gray, large angular sand grains





shale, dark gray, blocky, silty

sandy limestone, as above

shale, dark gray, platy to blocky, stily in part

shale, as above

limestone, off white, very fine crystalline, hard, dense

limestone, as above

St. Gen

sandy limestone, brown to light gray, hard, very fine sand

sandy limestone, as above

sandy limestone, as above

sandy limestone, off white to tan, very fine to med crystalline, very fine to fine sand, rounded

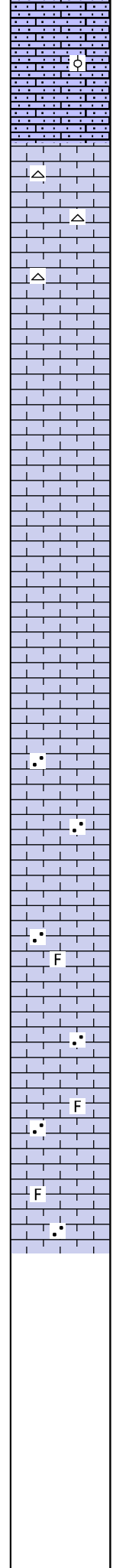
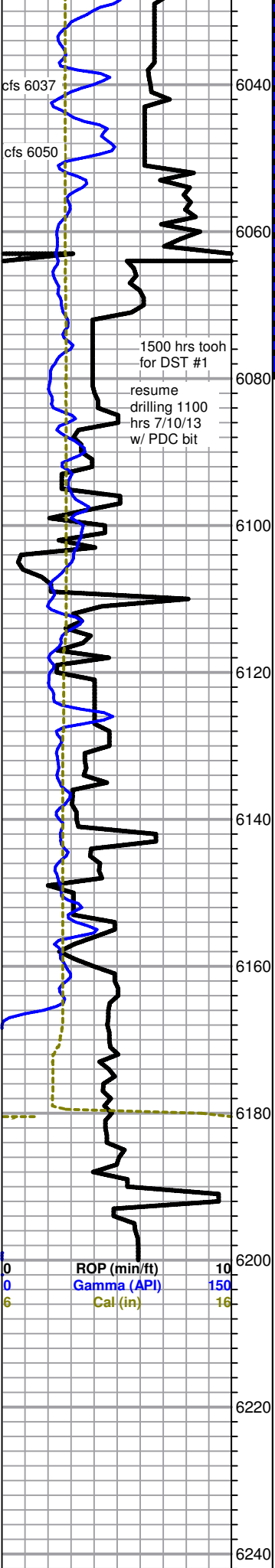
C4 (units) 50

Turbo Mud Ck
@ 5869'
1200 hrs 7/8/13
vis 45 wt 9.0
pv 21 yp 11
wl 8.0
cake 2/32
pH 9.5
chl 2000
cal 80
sol 5.0
lcm 10#
dmc \$1535
cmc \$17,071

Test Gas

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

Turbo Mud Ck



sandy limestone, off white, microcrystalline, very fine sand, trace oolites

limestone, off white, dense, cryptocrystalline, no visible porosity, no fluorescence, chert, clear to orange

limestone, as above

limestone, off white to light gray, crypt to microcrystalline, poor visible porosity, no fluorescence, no show

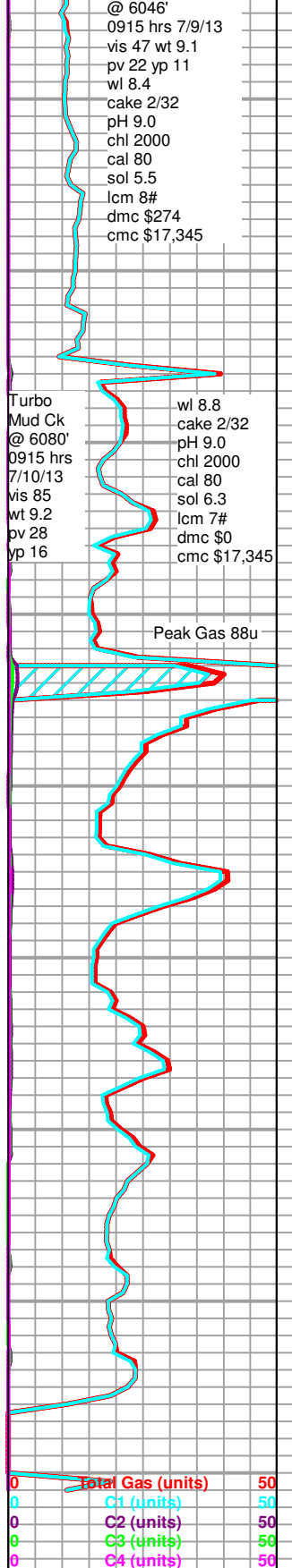
limestone, cream, microcrystalline, brittle, scattered oolitic ls, scattered yellow fluorescence, faint odor, no cut, no shows

limestone, cream, microcrystalline, sandy in part

limestone, as above, scattered fossiliferous

limestone, as above

TD @ 1800 hrs 7/10/13
 Short trip 20 stands
 Log-Tech TD 6193 ft.
 Complete Logging Operations @ 0645 hrs 7/11/13
 Geologist Released and off location @ 0830 hrs



@ 6046'
 0915 hrs 7/9/13
 vis 47 wt 9.1
 pv 22 yp 11
 wl 8.4
 cake 2/32
 pH 9.0
 chl 2000
 cal 80
 sol 5.5
 lcm 8#
 dmc \$274
 cmc \$17,345

Turbo Mud Ck @ 6080' 0915 hrs 7/10/13
 vis 85 wt 9.2 pv 28 yp 16
 wl 8.8 cake 2/32 pH 9.0 chl 2000 cal 80 sol 6.3 lcm 7# dmc \$0 cmc \$17,345



Date 7-2-13 District _____ Ticket No. 52219
 Company Duke Rig 9
 Lease Cynthia Well No. 356
 County Stearns State MS
 Location Doc Hugoton MS Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type _____ Weight 36# Collar _____

Casing Depths: Top 0 Bottom 1728

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1738 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0773 Lin. ft./Bbl. 129349
 Open Holes: Bbbls/Lin. ft. .1458 Lin. ft./Bbl. 68599
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. .0558 Lin. ft./Bbl. 179272
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
1066/5

LEAD: Pump Time _____ hrs. Type Class A 30cc
240 Sodium Metasilicate 2% w/w seal 147# Excess .240 SA 51
 Amt. 3.25 Sks Yield 3.05 ft³/sk Density 11.4 PPG
 TAIL: Pump Time _____ hrs. Type Class C 20cc
 Excess _____
 Amt. 150 Sks Yield 1.32 ft³/sk Density 14.8 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbls.

Pump Trucks Used 520-444
 Bulk Equip. 363-556

Float Equip: Manufacturer Weatherford
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbbls. Weight _____ PPG
 Mud Type 722 Weight _____ PPG

COMPANY REPRESENTATIVE Cynthia V. [Signature] CEMENTER 4577 Sunny Boya

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
11:00am	50	2391	10		6	10 bbls of spacer
11:15	150		176		6	mixing lead cement at 11.4
11:25	150		35		4	mixing tail cement at 14.8
11:50	0		0		0	Shut down to release plug
11:55	50		130		6	Plug left head placement at 6 bbl
12:30	1100					landed plug bump to 1100 psi cement holding
						24

Plug Down 1:00 AM 7-3-2013
 6:20 AM 1:00 AM

Metasilicate 240 PPS seal 8 1/4"
 2% SA 51 2% CC
 CLASS C

FINAL DISP. PRESS: 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 1/2 BBLs. THANK YOU



CHARGE TO: <i>Palmer Oil</i>
ADDRESS
CITY, STATE, ZIP CODE

TICKET
N^o 24506

PAGE	OF
1	2

SERVICE LOCATIONS 1. <i>Ness City KS</i>	WELL/PROJECT NO. <i>35-6</i>	LEASE <i>Cynthia</i>	COUNTY/PARISH <i>Stevens</i>	STATE <i>KS</i>	CITY <i>Rola</i>	DATE <i>7-11-13</i>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Duke Drilling</i>	RIG NAME/NO. <i>#9</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Locations</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Cement 7" casing</i>	WELL PERMIT NO.	WELL LOCATION <i>Rola KS - 15N, 7E, 1s, 8w, S. 1/4</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE			150	mi.	6.00	900.00
578		1			Pump Charge - Longstring			1	job	1500.00	1500.00
402		1			Centralizer			7	in	80.00	720.00
403		1			Cement Basket			7	in	350.00	350.00
406		1			Latch Down Plug + Baffle			7	in	400.00	400.00
407		1			Insert Float Shoe w/ Auto Fill			7	in	500.00	500.00

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

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

DATE SIGNED *7-11-13* TIME SIGNED *16:30* P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL #1	4370.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL #2	5346.28
WE UNDERSTOOD AND MET YOUR NEEDS?				TAX	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *David Kuehn* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 24506

CUSTOMER Palmer Oil WELL Cynthia 35-6 DATE 7-11-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
330		1				SMD Cement	150	skts			17.00	2550.00
276		1				Floccle	1/4	lb	35	lbs	2.00	70.00
292		1				Hblnd 322	1/2	%	70	lbs	7.75	542.50
290		1				D-Air	2	gal			42.00	84.00
281		1				Mud Flush			500	gal	1.25	625.00
221		1				Liquid KCL	2	gal			25.00	50.00
581		1				SERVICE CHARGE					2.00	300.00
583		1				MILEAGE CHARGE					1.00	1124.78
						TOTAL WEIGHT	14997					
						LOADED MILES	150					
						TON MILES						

CONTINUATION TOTAL 5346.28

JOB LOG

SWIFT Services, Inc.

DATE 7-11-13 PAGE NO. 1

CUSTOMER Palmer O.I WELL NO. 35-6 LEASE Cynthia JOB TYPE Cement 7" 26" Longstring TICKET NO. 24506

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1615							on Location RTD - 6200' LTD - 6193' TP - 6185' SJ - "1 42.10" 147 Jts of 7" 26" centralizer - "1" 3" 5" 7" 9" 11" 13" 15" Basket - "4
	1730							start 7" 26" casing in well
	2245							Drop Ball Circulate circulate pipe down
	2345	6 3/4	12		✓		750 400	Pump 500 gal Mud Flush
		6 3/4	20		✓		400 750	Pump 20 bbl KCL Flush
			8-5					Plug RH - MH (30 sks - 20 sks)
	2355	4 1/2	26		✓		250	Mix 100 sks SMD w/ 1/4 flo. @ 14.5 ppg
Jul 12	0010							wash out Pump + Lines Release Top Plug Latch Down Plug
	0012	6 3/4	0		✓		400	Start Displacement
		6 3/4			✓		250	Lift PSI
		6 3/4			✓		1000	Max Lift PSI
	0045	6 3/4	234.6		✓		1500	Land Latch Down Plug
	0050							Release Pressure - Hold -
	0135							wash up Truck
								job complete Thank You Dave Blake Flint Isaac



DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 369
Garden City KS 67846

ATTN: Ted Pfau

Cynthia #35-6

35-31s-39w Stevens,KS

Start Date: 2013.07.09 @ 00:00:00

End Date:

Job Ticket #: 53129

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.07.11 @ 09:53:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior
 PO Box 369
 Garden City KS 67846
 ATTN: Ted Pfau

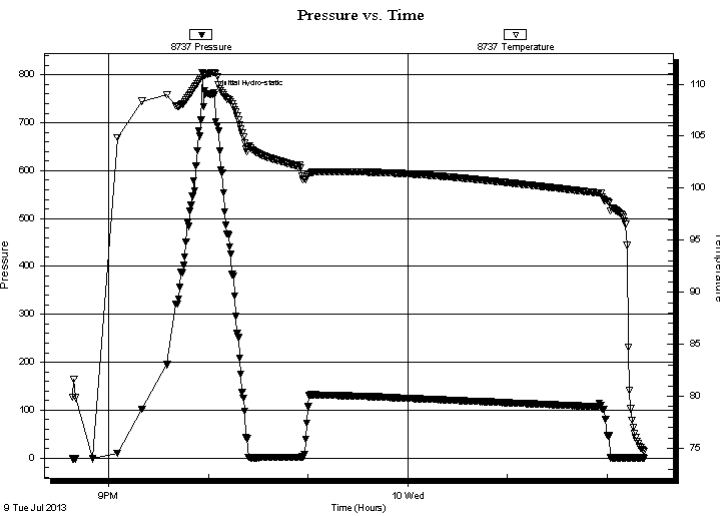
35-31s-39w Stevens,KS
Cynthia #35-6
 Job Ticket: 53129 **DST#: 1**
 Test Start: 2013.07.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended:
Interval: 6010.00 ft (KB) To 6080.00 ft (KB) (TVD)
 Total Depth: 6080.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3173.00 ft (KB)
 3163.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8737 Outside
 Press @ Run Depth: psig @ 6011.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.09 End Date: 2013.07.10 Last Calib.: 2013.07.10
 Start Time: 20:38:15 End Time: 02:23:00 Time On Btm: 2013.07.09 @ 22:04:00
 Time Off Btm:

TEST COMMENT: IF: Pulled tool due to unknown hole size
 IS:
 FF:
 FS:



PRESSURE SUMMARY

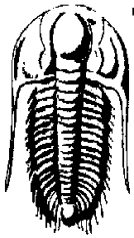
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	758.48	111.13	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	WRONG PACKER SIZE	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
PO Box 369
Garden City KS 67846
ATTN: Ted Pfau

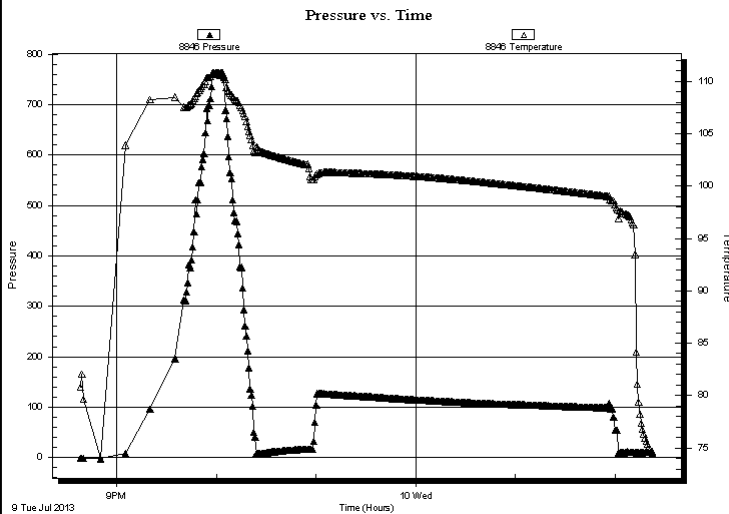
35-31s-39w Stevens,KS
Cynthia #35-6
Job Ticket: 53129 **DST#: 1**
Test Start: 2013.07.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **St. Louis**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Initial)**
Time Tool Opened: **Tester: Mike Roberts**
Time Test Ended: **Unit No: 65**
Interval: 6010.00 ft (KB) To 6080.00 ft (KB) (TVD) Reference Elevations: **3173.00 ft (KB)**
Total Depth: 6080.00 ft (KB) (TVD) **3163.00 ft (CF)**
Hole Diameter: 8.75 inches Hole Condition: **Fair** **KB to GR/CF: 10.00 ft**

Serial #: 8846 **Inside**
Press @ Run Depth: **psig @ 6011.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.07.09** End Date: **2013.07.10** Last Calib.: **2013.07.10**
Start Time: **20:38:15** End Time: **02:23:00** Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Pulled tool due to unknown hole size
IS:
FF:
FS:



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	WRONG PACKER SIZE	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

35-31s-39w Stevens,KS

PO Box 369
Garden City KS 67846

Cynthia #35-6

Job Ticket: 53129

DST#: 1

ATTN: Ted Pfau

Test Start: 2013.07.09 @ 00:00:00

Tool Information

Drill Pipe:	Length: 5812.00 ft	Diameter: 3.80 inches	Volume: 81.53 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 82.45 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	lb
Depth to Top Packer:	6010.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	99.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: WRONG PACKER SIZE PULLED TEST TO CHANGE PACKERS

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5982.00	
Shut In Tool	5.00			5987.00	
Hydraulic tool	5.00			5992.00	
Jars	5.00			5997.00	
Safety Joint	3.00			6000.00	
Packer	5.00			6005.00	29.00 Bottom Of Top Packer
Packer	5.00			6010.00	
Stubb	1.00			6011.00	
Recorder	0.00	8846	Inside	6011.00	
Recorder	0.00	8737	Outside	6011.00	
Perforations	1.00			6012.00	
Change Over Sub	1.00			6013.00	
Drill Pipe	61.00			6074.00	
Change Over Sub	1.00			6075.00	
Bullnose	5.00			6080.00	70.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

35-31s-39w Stevens,KS

PO Box 369
Garden City KS 67846

Cynthia #35-6

Job Ticket: 53129

DST#: 1

ATTN: Ted Pfau

Test Start: 2013.07.09 @ 00:00:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.33 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	WRONG PACKER SIZE	0.000

Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

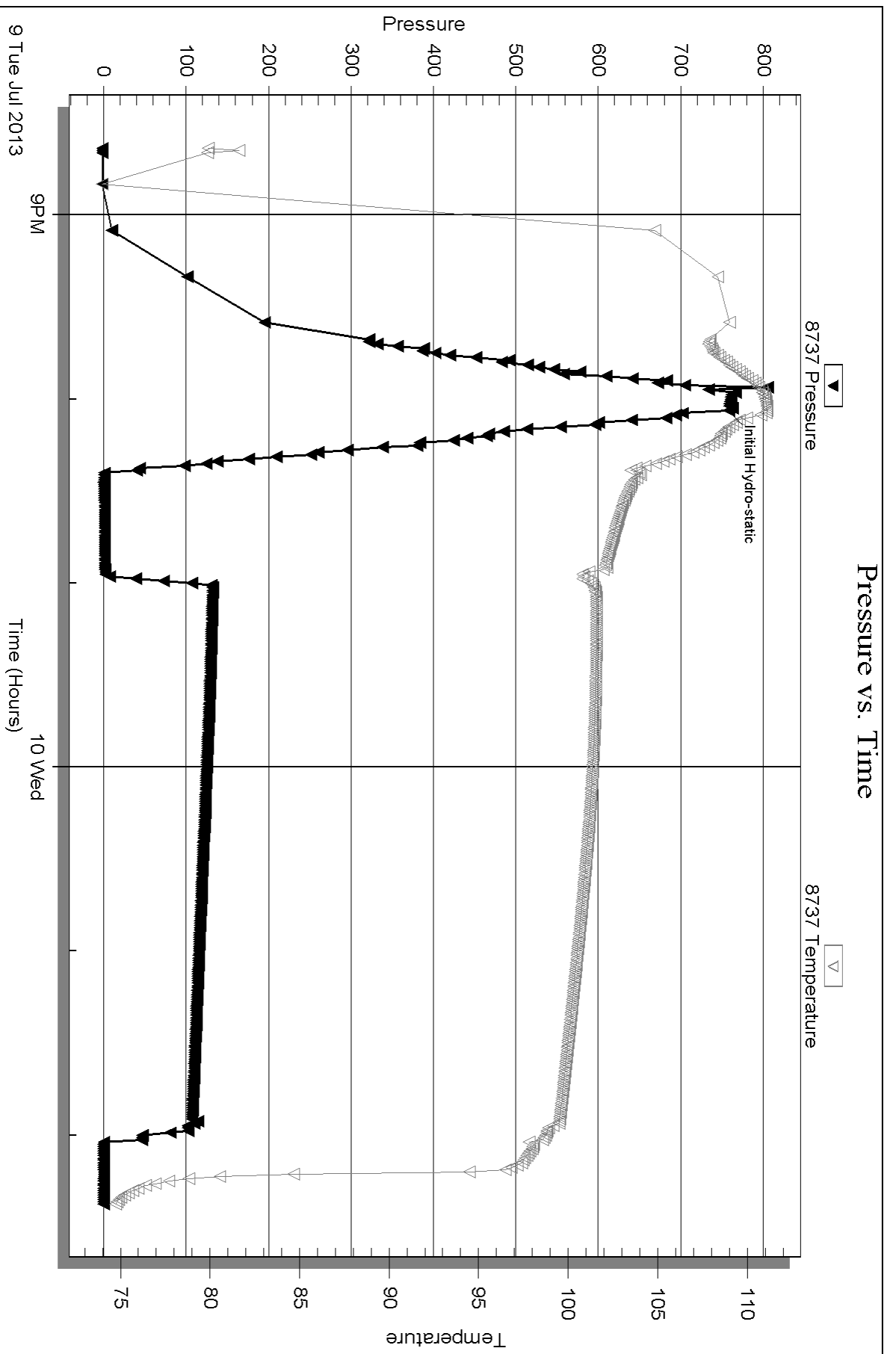
Recovery Comments:

Serial #: 8737

Outside American Warrior

Cynthia #35-6

DST Test Number: 1



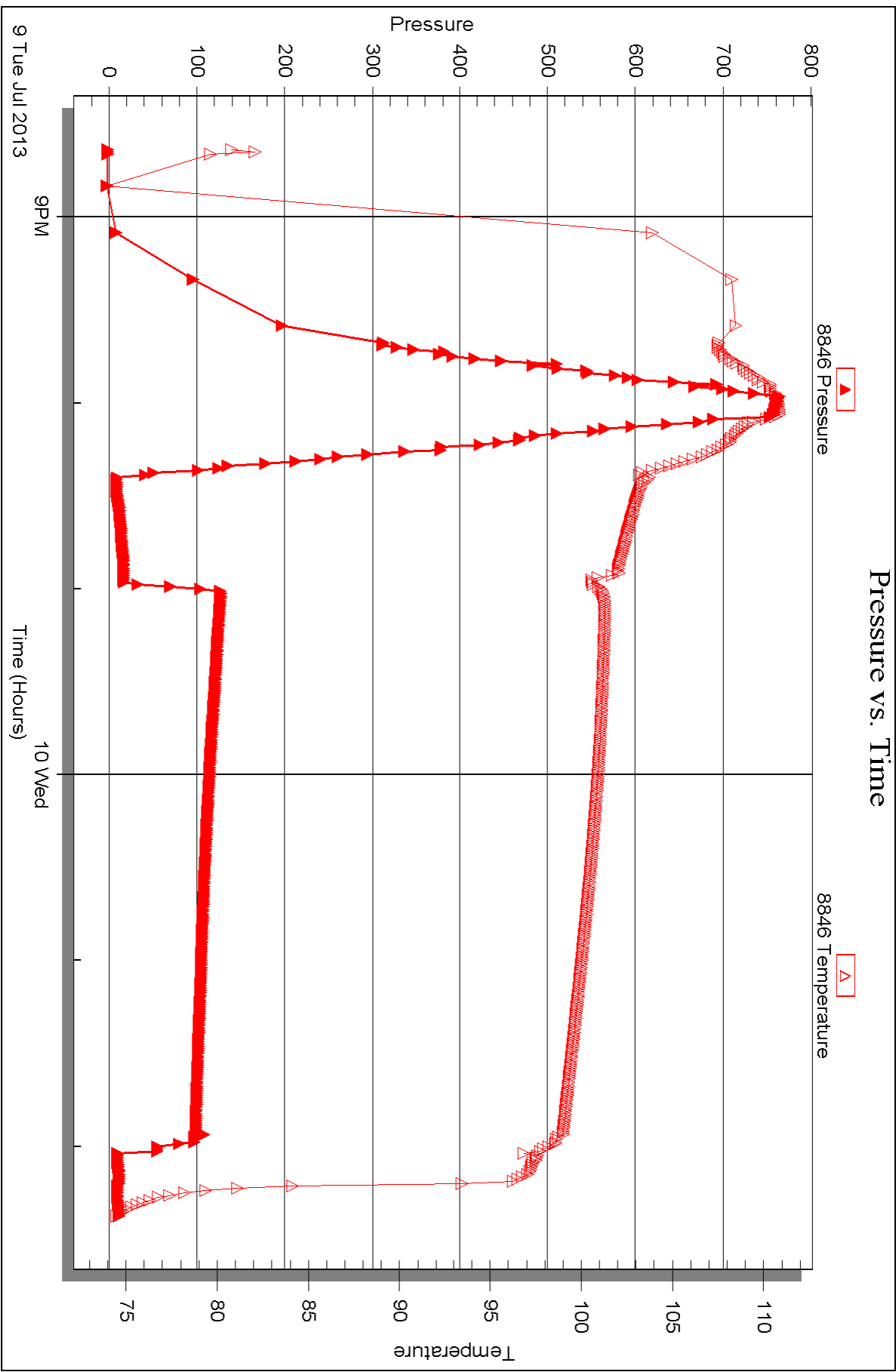
Serial #: 8846

Inside

American Warrior

Cynthia #35-6

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 369
Garden City KS 67846

ATTN: Ted Pfau

Cynthia #35-6

35-31s-39w Stevens,KS

Start Date: 2013.07.09 @ 00:00:00

End Date:

Job Ticket #: 53130

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.07.11 @ 09:30:27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
PO Box 369
Garden City KS 67846
ATTN: Ted Pfau

35-31s-39w Stevens,KS
Cynthia #35-6
Job Ticket: 53130 **DST#: 2**
Test Start: 2013.07.09 @ 00:00:00

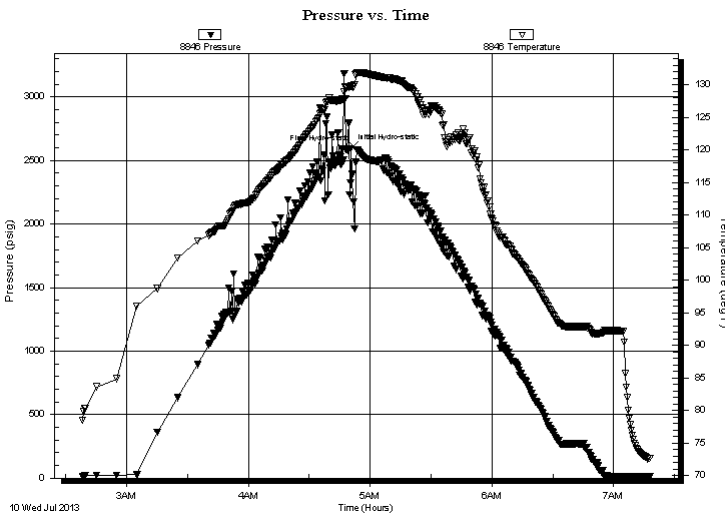
GENERAL INFORMATION:

Formation: **St.Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended:
Interval: 6010.00 ft (KB) To 6080.00 ft (KB) (TVD)
Total Depth: 6080.00 ft (KB) (TVD)
Hole Diameter: 8.75 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65
Reference Elevations: 3173.00 ft (KB)
3163.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8846 Inside
Press @ Run Depth: psig @ 6011.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.10 End Date: 2013.07.10 Last Calib.: 2013.07.10
Start Time: 02:38:15 End Time: 07:18:00 Time On Btm: 2013.07.10 @ 04:50:30
Time Off Btm: 2013.07.10 @ 04:53:15

TEST COMMENT: hit bridge half way in then hit another 20 stands from bottom pulled 70,000 over to get back out, very tight hole



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2595.78	129.83	Initial Hydro-static
3	2587.71	131.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	hit bridge	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
 PO Box 369
 Garden City KS 67846
 ATTN: Ted Pfau

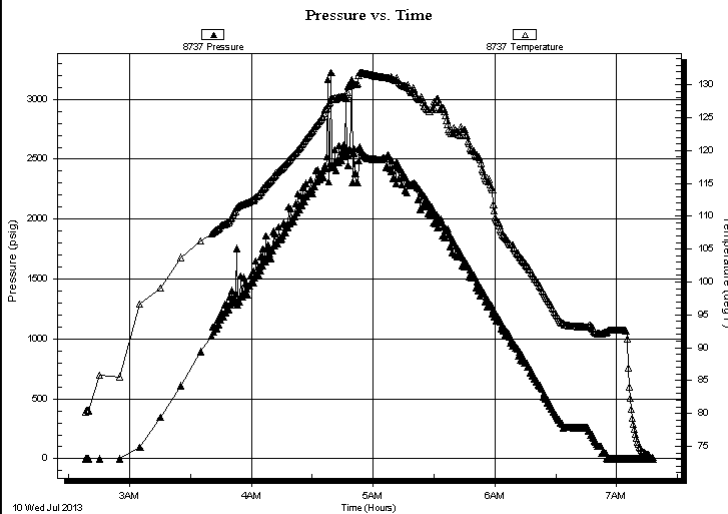
35-31s-39w Stevens,KS
Cynthia #35-6
 Job Ticket: 53130 **DST#: 2**
 Test Start: 2013.07.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended:
Interval: 6010.00 ft (KB) To 6080.00 ft (KB) (TVD)
 Total Depth: 6080.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3173.00 ft (KB)
 3163.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8737 Outside
 Press @ RunDepth: psig @ 6011.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.10 End Date: 2013.07.10 Last Calib.: 2013.07.10
 Start Time: 02:38:15 End Time: 07:18:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: hit bridge half way in then hit another 20 stands from bottom pulled 70,000 over to get back out, very tight hole



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	hit bridge	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

35-31s-39w Stevens,KS

PO Box 369
Garden City KS 67846

Cynthia #35-6

Job Ticket: 53130

DST#: 2

ATTN: Ted Pfau

Test Start: 2013.07.09 @ 00:00:00

Tool Information

Drill Pipe:	Length: 5812.00 ft	Diameter: 3.80 inches	Volume: 81.53 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 82.45 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	lb
Depth to Top Packer:	6010.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	99.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5982.00	
Shut In Tool	5.00			5987.00	
Hydraulic tool	5.00			5992.00	
Jars	5.00			5997.00	
Safety Joint	3.00			6000.00	
Packer	5.00			6005.00	29.00 Bottom Of Top Packer
Packer	5.00			6010.00	
Stubb	1.00			6011.00	
Recorder	0.00	8846	Inside	6011.00	
Recorder	0.00	8737	Outside	6011.00	
Perforations	1.00			6012.00	
Change Over Sub	1.00			6013.00	
Drill Pipe	61.00			6074.00	
Change Over Sub	1.00			6075.00	
Bullnose	5.00			6080.00	70.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

35-31s-39w Stevens,KS

PO Box 369
Garden City KS 67846

Cynthia #35-6

Job Ticket: 53130

DST#: 2

ATTN: Ted Pfau

Test Start: 2013.07.09 @ 00:00:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.34 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	hit bridge	0.000

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

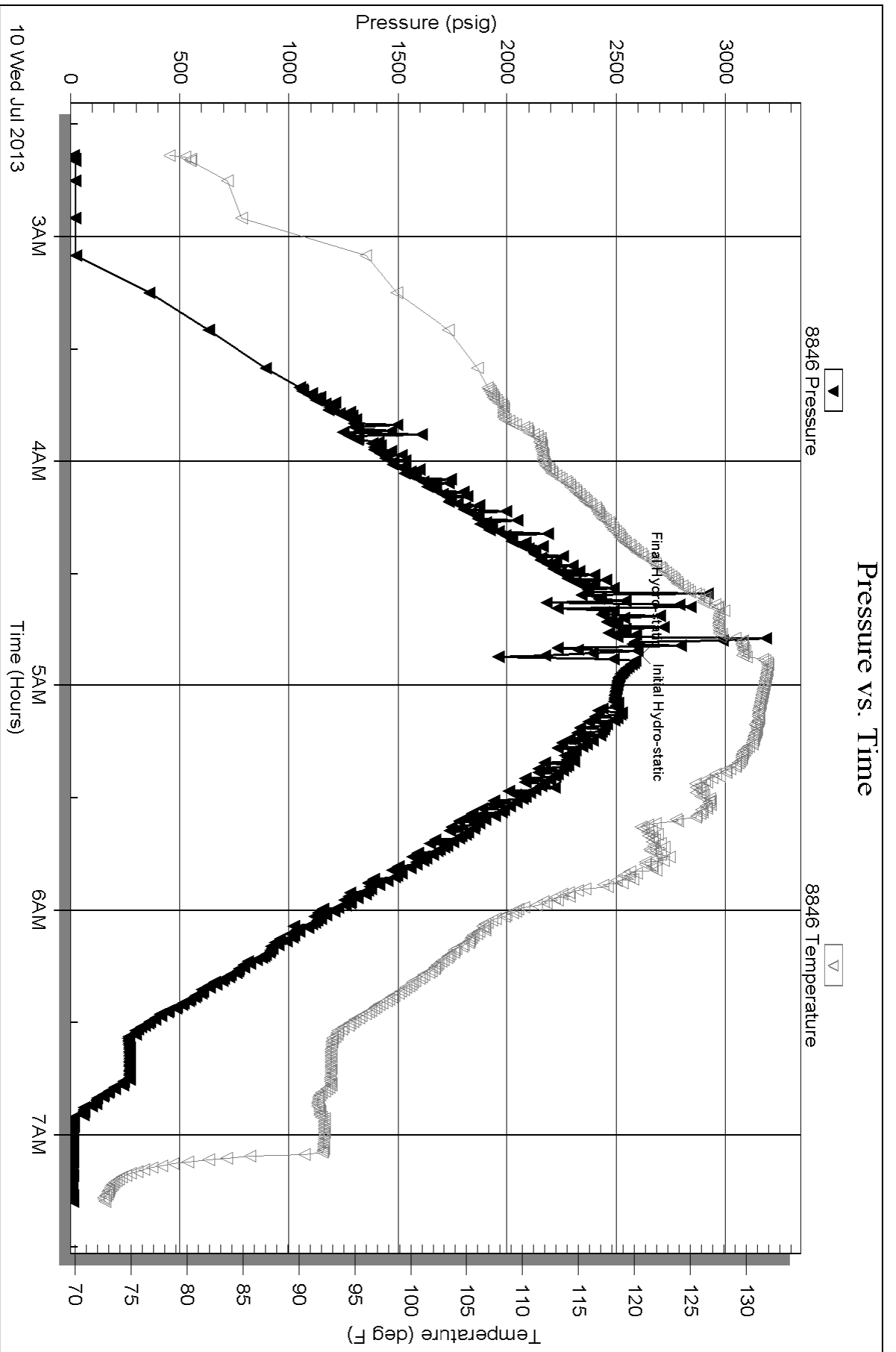
Serial #: 8846

Inside

American Warrior

Cynthia #35-6

DST Test Number: 2

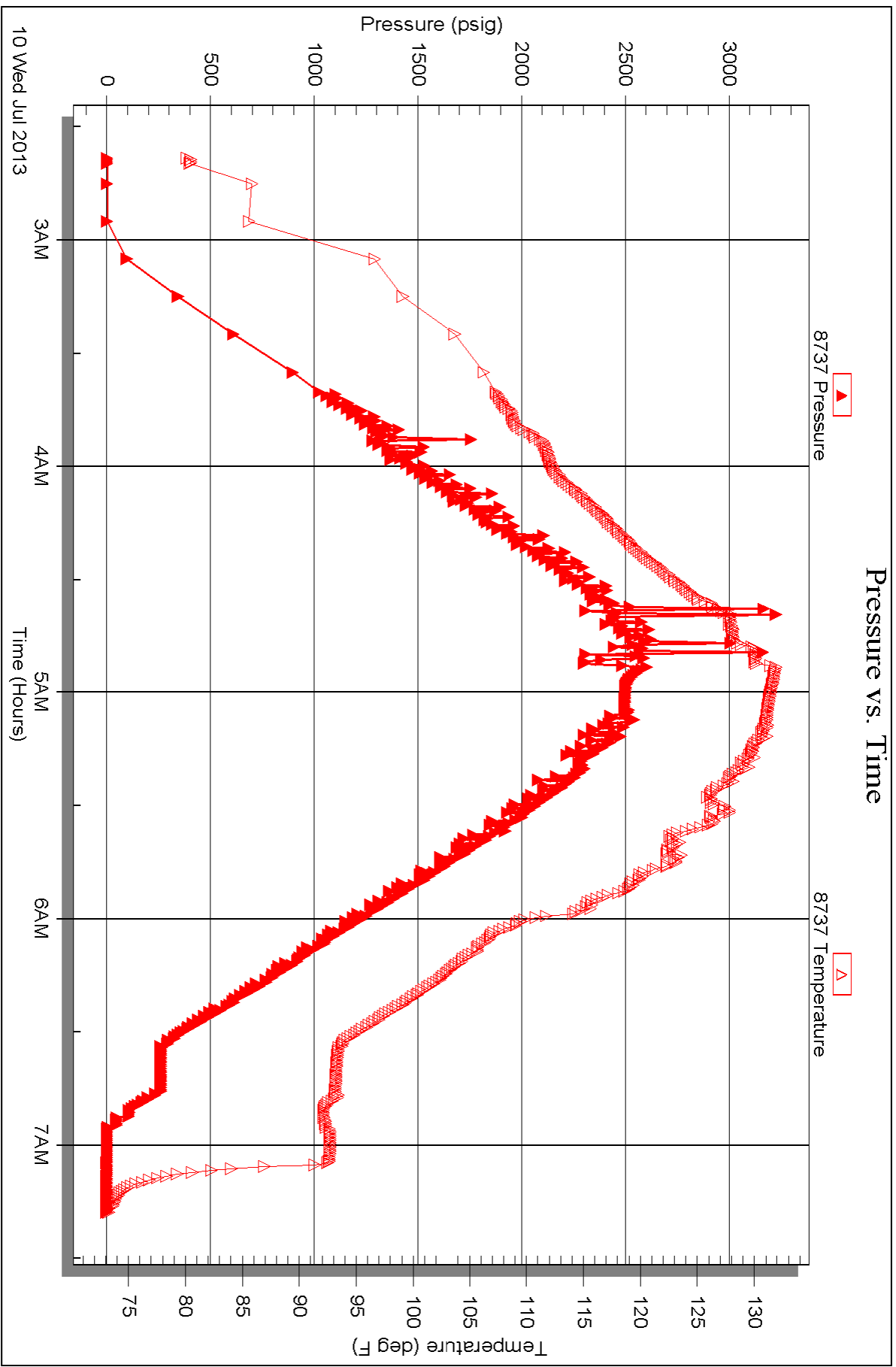


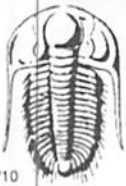
Serial #: 8737

Outside American Warrior

Cynthia #35-6

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53129

4/10

Well Name & No. Cynthia 35-6 Test No. 1 Date 7-9-13
 Company American Warrior Elevation 3173 KB 3163 GL
 Address P. O. Box 369 Garden City KS 67846
 Co. Rep / Geo. Esau Rig Duke 9
 Location: Sec. 35 Twp. 31s Rge. 39w Co. Stevens State KS

Interval Tested 6010-6080 Zone Tested St. Lewis
 Anchor Length 70 Drill Pipe Run 5812 Mud Wt. 9.1
 Top Packer Depth 6006 Drill Collars Run 187 Vis 47
 Bottom Packer Depth 6010 Wt. Pipe Run 0 WL 8.4
 Total Depth 6080 Chlorides 2000 ppm System LCM 8

Blow Description IF!
IS! Wrong Size Packers
FF!
FS!

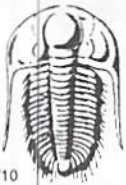
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 950 1450.00/- T-On Location 19:30
 (B) First Initial Flow Jars 250.00/- T-Started 20:38
 (C) First Final Flow Safety Joint 75.00/- T-Open 10 N
 (D) Initial Shut-In Circ Sub _____ T-Pulled 02:23
 (E) Second Initial Flow Hourly Standby _____ T-Out 02:23
 (F) Second Final Flow Mileage 250 RT= 387.50/- Comments _____
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open _____ Extra Recorder _____ Sub Total 0
 Initial Shut-In _____ Day Standby _____ Total 1337.50
 Final Flow _____ Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 1337.50 2012.50/-

Approved By _____ Our Representative John Ratt

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53130

4/10

Well Name & No. Cynthia 35-6 Test No. 2 Date 7-10-13
 Company American Warrior Elevation 3173 KB 3163 GL
 Address P.O. Box 369 Garden City KS 67846
 Co. Rep / Geo. Esau Rig Duke 9
 Location: Sec. 35 Twp. 31s Rge. 39w Co. Stevens State KS

Interval Tested 6010-6080 Zone Tested St Louis
 Anchor Length 20 Drill Pipe Run 5812 Mud Wt. 9.1
 Top Packer Depth 6006 Drill Collars Run 187 Vis 47
 Bottom Packer Depth 6010 Wt. Pipe Run Ø WL 8.4
 Total Depth 6080 Chlorides 2000 ppm System LCM 8

Blow Description FF: Hit Bridge 20 Stands ~~at~~ from
IS: Bottom Pulled 60,000 over.
FS: Hole very tight in several spots

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 1250 1450.00 T-On Location 01:50
 (B) First Initial Flow Jars 250 250.00 T-Started 02:38
 (C) First Final Flow Safety Joint 75 75.00 T-Open _____
 (D) Initial Shut-In Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow Hourly Standby _____ T-Out 07:18
 (F) Second Final Flow Mileage 180 RT Dodge 279.60 Comments _____
 (G) Final Shut-In Sampler to get city _____
 (H) Final Hydrostatic Straddle packers _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer 8 3/4 500.00 Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 2354
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2354 12554.00

Approved By _____ Our Representative Metro Robert

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

July 26, 2013

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

Re: ACO1
API 15-189-22806-00-00
Cynthia 35-6
NE/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