



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1260008
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: _____



1260008

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> _____
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Culbreath Oil & Gas Company, Inc.
Well Name	Jack Faber 1-7
Doc ID	1260008

All Electric Logs Run

CND
DIL
Micro
Deviation

Form	ACO1 - Well Completion
Operator	Culbreath Oil & Gas Company, Inc.
Well Name	Jack Faber 1-7
Doc ID	1260008

Tops

Name	Top	Datum
Anhydrite	2925	+308
Base Anhy	2962	+271
Heebner	4081	-848
Lansing	4126	-893
BKC	4376	-1143
Marmaton	4414	-1181
Pawnee	4503	1270
Fort Scott	4558	-1325
Cherokee	4578	-1345
Mississippi	4810	-1577



REMIT TO
 Consolidated Oil Well Services, LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 804295

Invoice Date: 05/26/15 Terms: Net 30 Page 1

CULBREATH OIL & GAS CO. INC
 1532 S. PEORIA AVE
 TULSA OK 74120
 USA
 9187493508

JACK FABER #1-7

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0456	Cement Pump Charge 7001' - 8000'	1.000	1,395.0000	25.000	1,046.25
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	5.2500	25.000	196.88
CE0710	Cement Delivery Charge	1.000	903.0000	25.000	677.25
CC5842	Poz-Blend II A (60:40)	240.000	15.8600	25.000	2,854.80
CC5965	Bentonite	826.000	0.2700	25.000	167.27
CC6075	Celloflake	60.000	2.9700	25.000	133.65
Subtotal					6,768.12
Discounted Amount					1,692.03
SubTotal After Discount					5,076.09
Amount Due 7,100.52 If paid after 06/25/15					

Tax: 249.31
 Total: 5,325.41



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

2937

2803

Invoice # 807295
FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 47970
LOCATION _____
FOREMAN Cory Davis
Milus S.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/23	2777	Jack Faber #17	7	5S	35W	Rawlins
CUSTOMER cul-breath oil			Lavant N to 2nd S curve w into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			445	Cody R	45	
STATE			460	Colin S	↓	
ZIP CODE				Kathy C	↓	

JOB TYPE PTA HOLE SIZE 7 1/2 HOLE DEPTH 2960 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 6.9 WATER gal/sk 6.9 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BBL min

REMARKS: Softly meeting pig upon wv Plug as ordered
1. 50 sks at 2960' 60/40 Poz mix 4% gel 1/4 flt
2. 100 sks at 2127'
3. 50 sks at 400'
4. 10 sks at 40'
RH. 30 sks
total of 240 sks

Thanks Cory D. & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 IV	1	PUMP CHARGE CE0450	1,395.00	1,395.00
5406	50	MILEAGE 0002	5.25	262.50
5407	10.32	Ton mileage Delivery 0710	1.75	903.00
1131	240	60/40 Poz mix CC 5842	15.86	3,806.40
1118	826	Bentopitz gel 5905	.27	223.02
1107	60	flc-seal 0075	2.97	178.20
			sub total	6768.12
			25% less	1692.03
			sub total	5076.09
			SALES TAX	249.31
			ESTIMATED TOTAL	5325.40

AUTHORIZATION Walter Brown TITLE Tool Pusher DATE 5-23-15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas CO., Inc.

7-5s-35w

3501 S YALEAVE
Tulsa, OK, 74135

Jack Faber # 1-7

Job Ticket: 62211

DST#: 1

ATTN: Anthony Luna

Test Start: 2015.05.21 @ 00:09:00

GENERAL INFORMATION:

Formation: **Cherokee LS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:35:30

Time Test Ended: 06:45:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Donovan Baumann

Unit No: 66

Interval: 4574.00 ft (KB) To 4602.00 ft (KB) (TVD)

Reference Elevations: 3233.00 ft (KB)

Total Depth: 4602.00 ft (KB) (TVD)

3227.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8521 Outside

Press@RunDepth: 20.67 psig @ 4575.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.21

End Date:

2015.05.21

Last Calib.:

2015.05.21

Start Time: 00:09:05

End Time:

06:45:29

Time On Btm:

2015.05.21 @ 02:35:00

Time Off Btm:

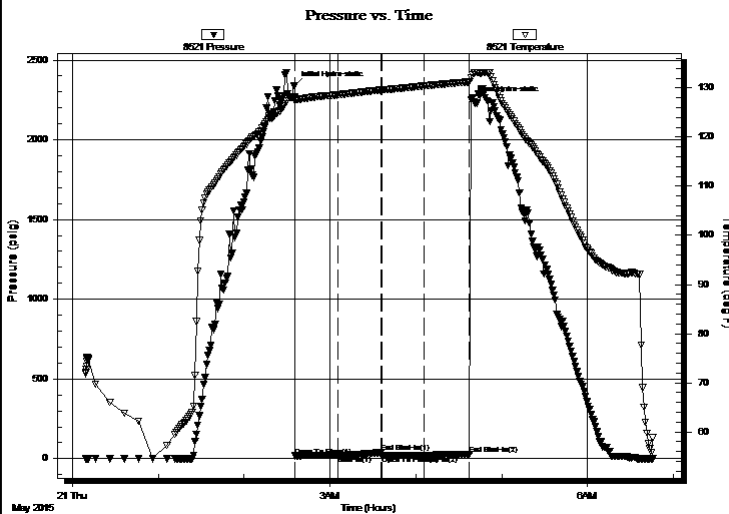
2015.05.21 @ 04:38:30

TEST COMMENT: 30 - IF - Weak surface blow built to 1/4 in. in 5 min. died in 25 min.

30 - ISI - No return

30 - FF - No surface blow

30 - FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2339.72	128.13	Initial Hydro-static
1	17.88	127.44	Open To Flow (1)
31	19.35	128.60	Shut-In(1)
61	37.49	129.57	End Shut-In(1)
61	19.84	129.56	Open To Flow (2)
91	20.67	130.41	Shut-In(2)
123	29.40	131.26	End Shut-In(2)
124	2247.83	132.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas CO., Inc.

7-5s-35w

3501 S YALEAVE
Tulsa, OK, 74135

Jack Faber # 1-7

Job Ticket: 62211

DST#: 1

ATTN: Anthony Luna

Test Start: 2015.05.21 @ 00:09:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud - 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

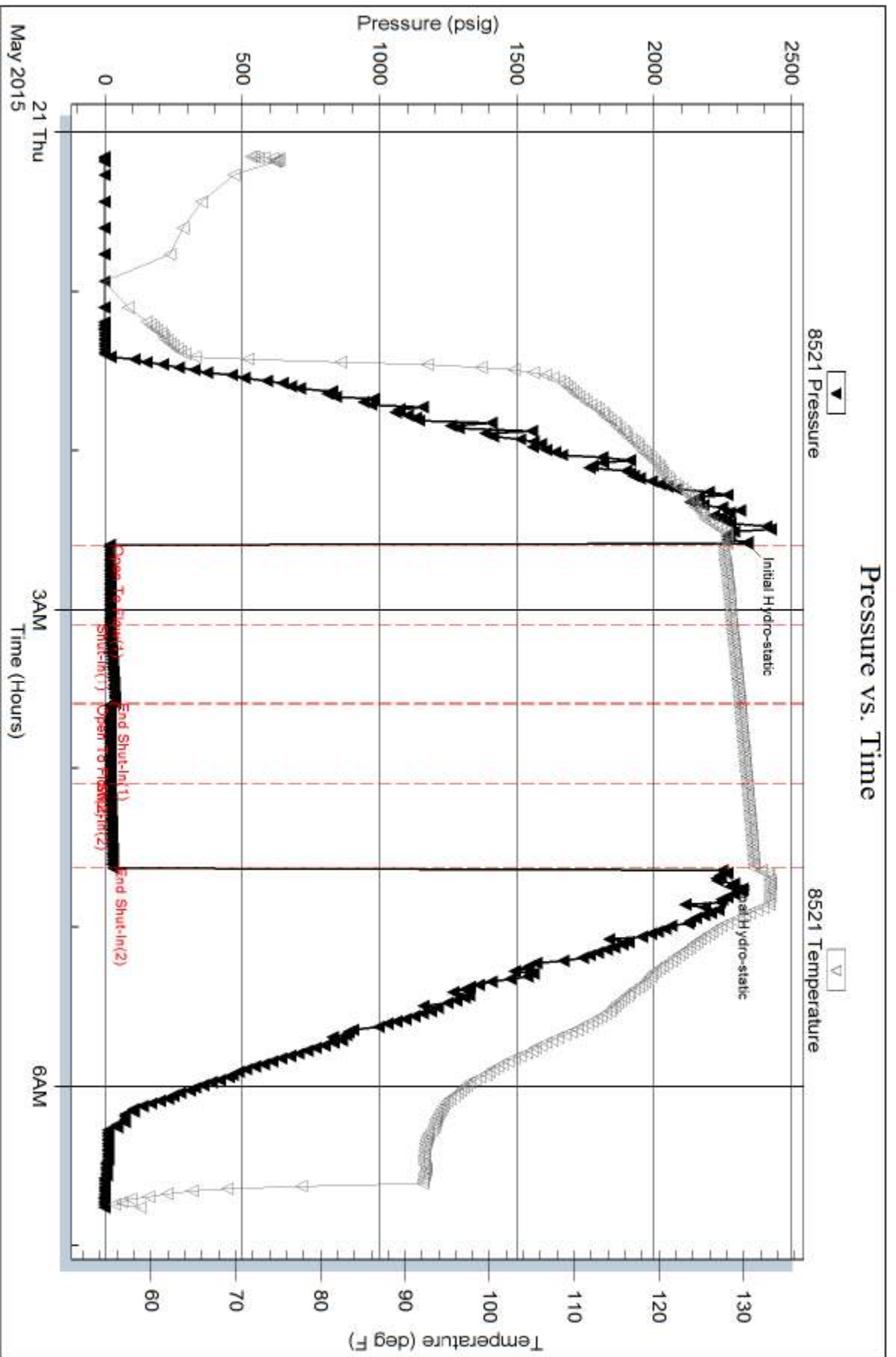
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas CO., Inc.

7-5s-35w

3501 S YALE AVE
Tulsa, OK, 74135

Jack Faber # 1-7

ATTN: Anthony Luna

Job Ticket: 62212

DST#: 2

Test Start: 2015.05.22 @ 19:50:00

GENERAL INFORMATION:

Formation: **LKC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:00

Time Test Ended: 02:13:00

Test Type: Conventional Straddle (Initial)

Tester: Donovan Baumann

Unit No: 66

Interval: 4378.00 ft (KB) To 4392.00 ft (KB) (TVD)

Reference Elevations: 3233.00 ft (KB)

Total Depth: 4882.00 ft (KB) (TVD)

3227.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8521 Outside

Press @ RunDepth: 29.79 psig @ 4379.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.22 End Date: 2015.05.23

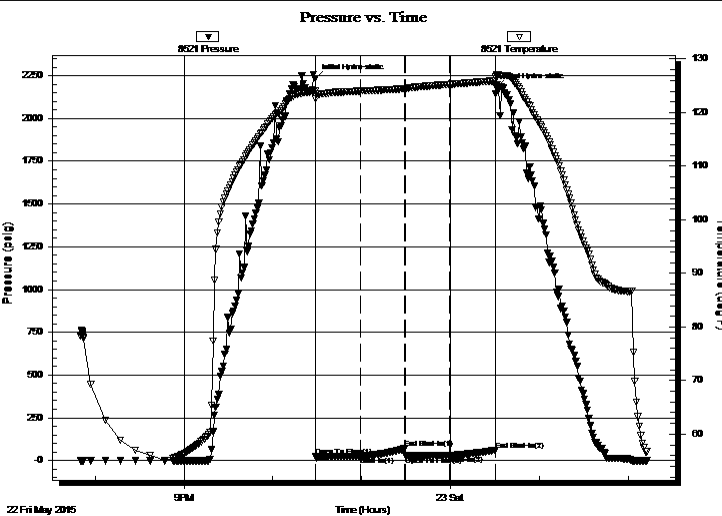
Last Calib.: 2015.05.23

Start Time: 19:50:05 End Time: 02:12:59

Time On Btm: 2015.05.22 @ 22:28:30

Time Off Btm: 2015.05.23 @ 00:31:00

TEST COMMENT: 30 - IF - Weak surface blow built to 3/4 in. in 5 min. and stayed
30 - ISI - No return
30 - FF - No surface blow
30 - FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.34	123.99	Initial Hydro-static
1	22.83	122.66	Open To Flow (1)
31	25.81	124.04	Shut-In(1)
61	70.26	124.47	End Shut-In(1)
61	27.78	124.42	Open To Flow (2)
91	29.79	125.29	Shut-In(2)
122	61.12	125.93	End Shut-In(2)
123	2178.77	126.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100M	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas CO., Inc.

7-5s-35w

3501 S YALE AVE
Tulsa, OK, 74135

Jack Faber # 1-7

Job Ticket: 62212

DST#: 2

ATTN: Anthony Luna

Test Start: 2015.05.22 @ 19:50:00

GENERAL INFORMATION:

Formation: **LKC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:00

Time Test Ended: 02:13:00

Test Type: Conventional Straddle (Initial)

Tester: Donovan Baumann

Unit No: 66

Interval: 4378.00 ft (KB) To 4392.00 ft (KB) (TVD)

Reference Elevations: 3233.00 ft (KB)

Total Depth: 4882.00 ft (KB) (TVD)

3227.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8960

Press @ Run Depth: psig @ 4397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.22 End Date: 2015.05.23

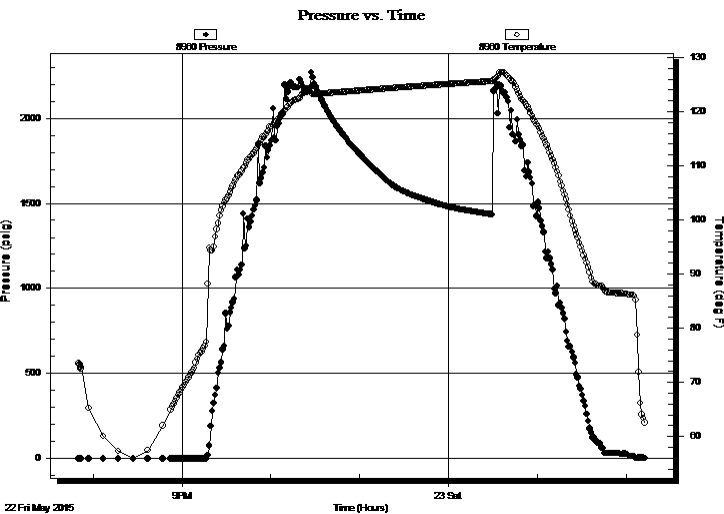
Last Calib.: 2015.05.23

Start Time: 19:50:05 End Time: 02:12:59

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF - Weak surface blow built to 3/4 in. in 5 min. and stayed
30 - ISI - No return
30 - FF - No surface blow
30 - FSI - No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas CO., Inc.

7-5s-35w

3501 S YALE AVE
Tulsa, OK, 74135

Jack Faber # 1-7

Job Ticket: 62212

DST#: 2

ATTN: Anthony Luna

Test Start: 2015.05.22 @ 19:50:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud - 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

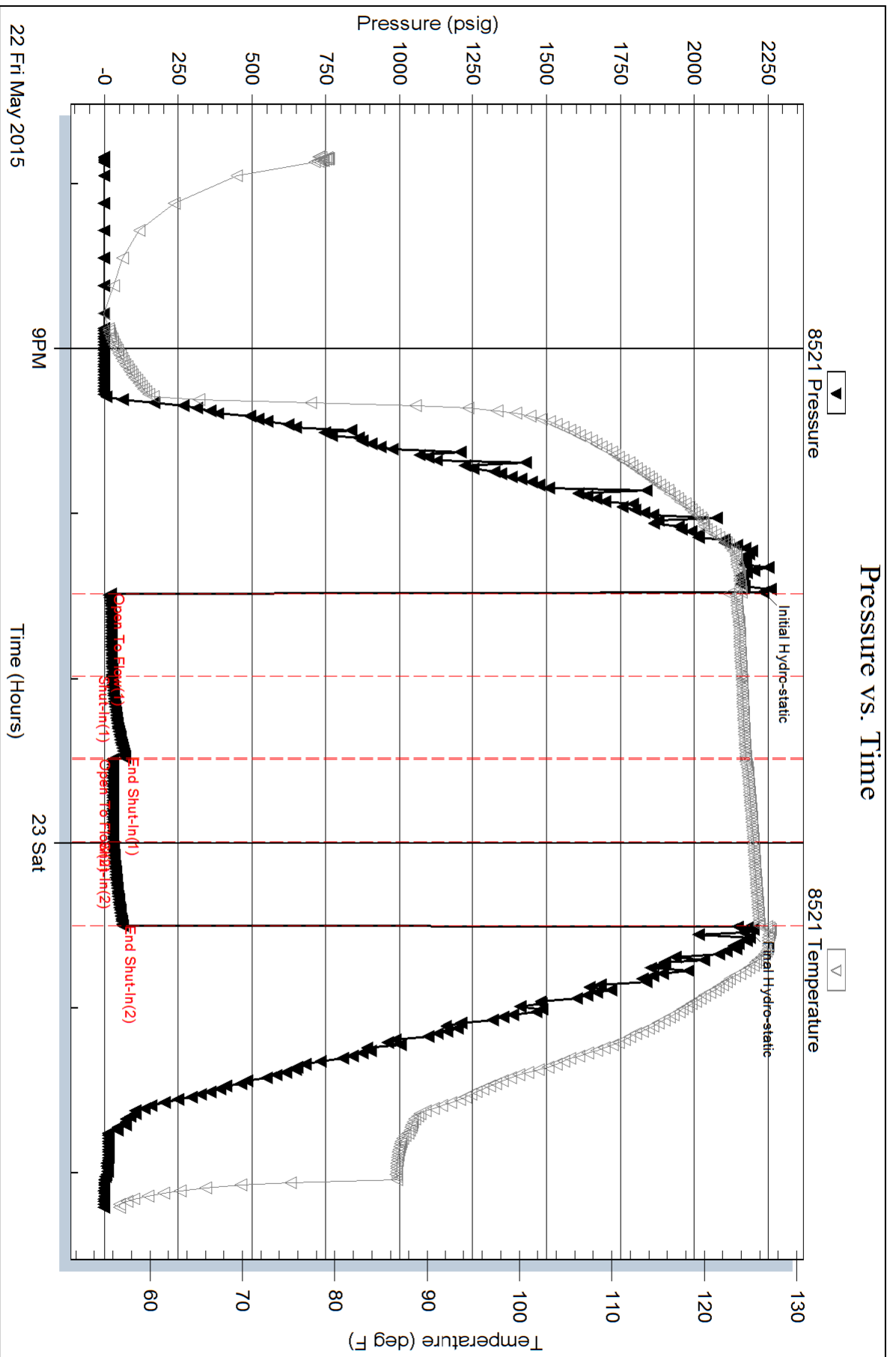
Num Gas Bombs: 0

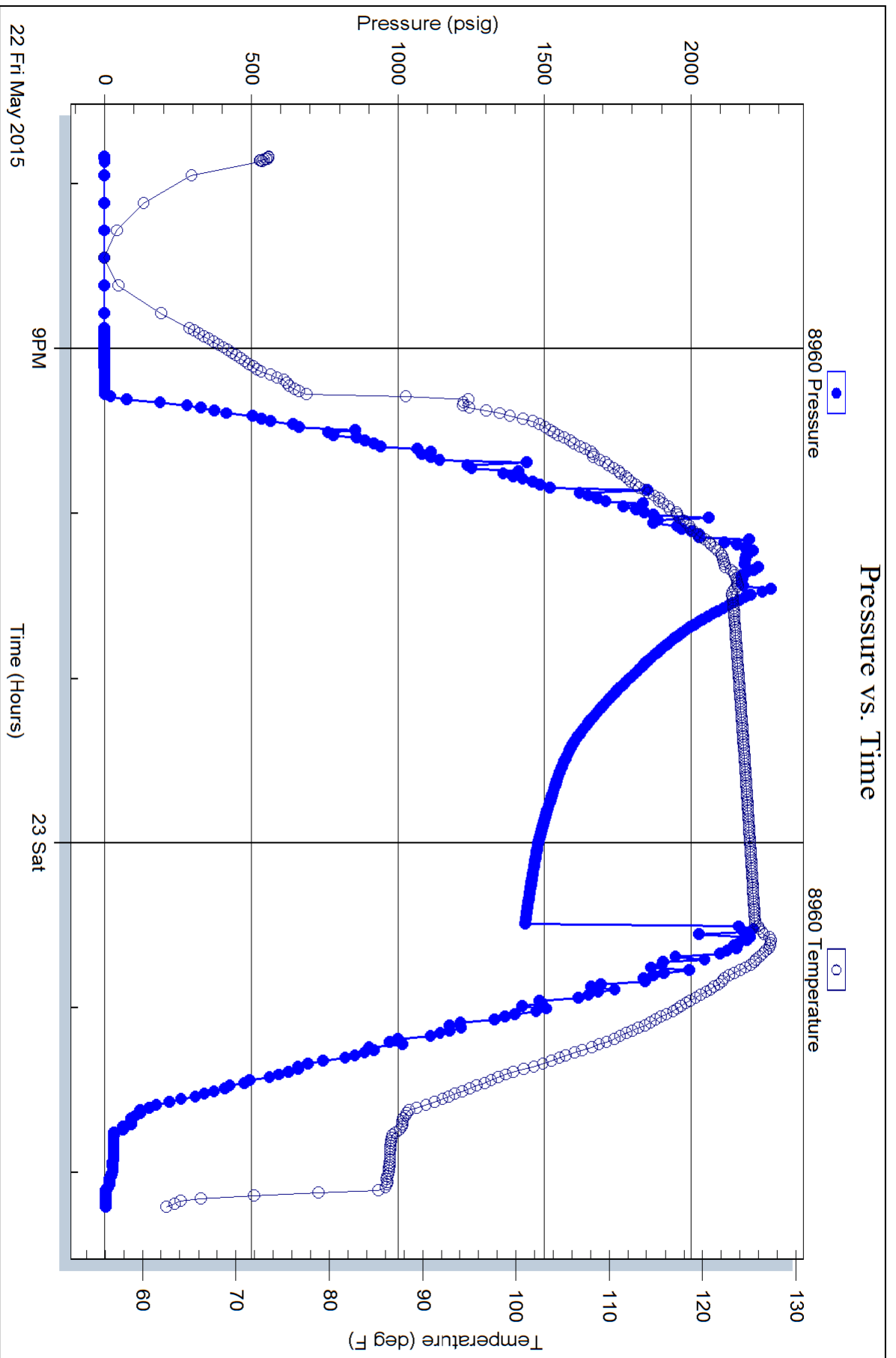
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

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

Well Name: Jack Faber #1-7
API: 15-153-21139-00-00

Location: Rawlins County

License Number: 34344

Spud Date: 5/12/15

Surface Coordinates: 2272' FSL & 1980' FEL
Section 7-T5S-R35W

Bottom Hole Coordinates: Vertical Well w/ minimal deviation

Region: Kansas

Drilling Completed: 5/22/15

Ground Elevation (ft): 3228'

K.B. Elevation (ft): 3233'

Logged Interval (ft): 3500' To: TD

Total Depth (ft): LTD - 4880'

Formation: Topeka through Mississippian

Type of Drilling Fluid: Chemical (Andy's Mud)

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

OPERATOR

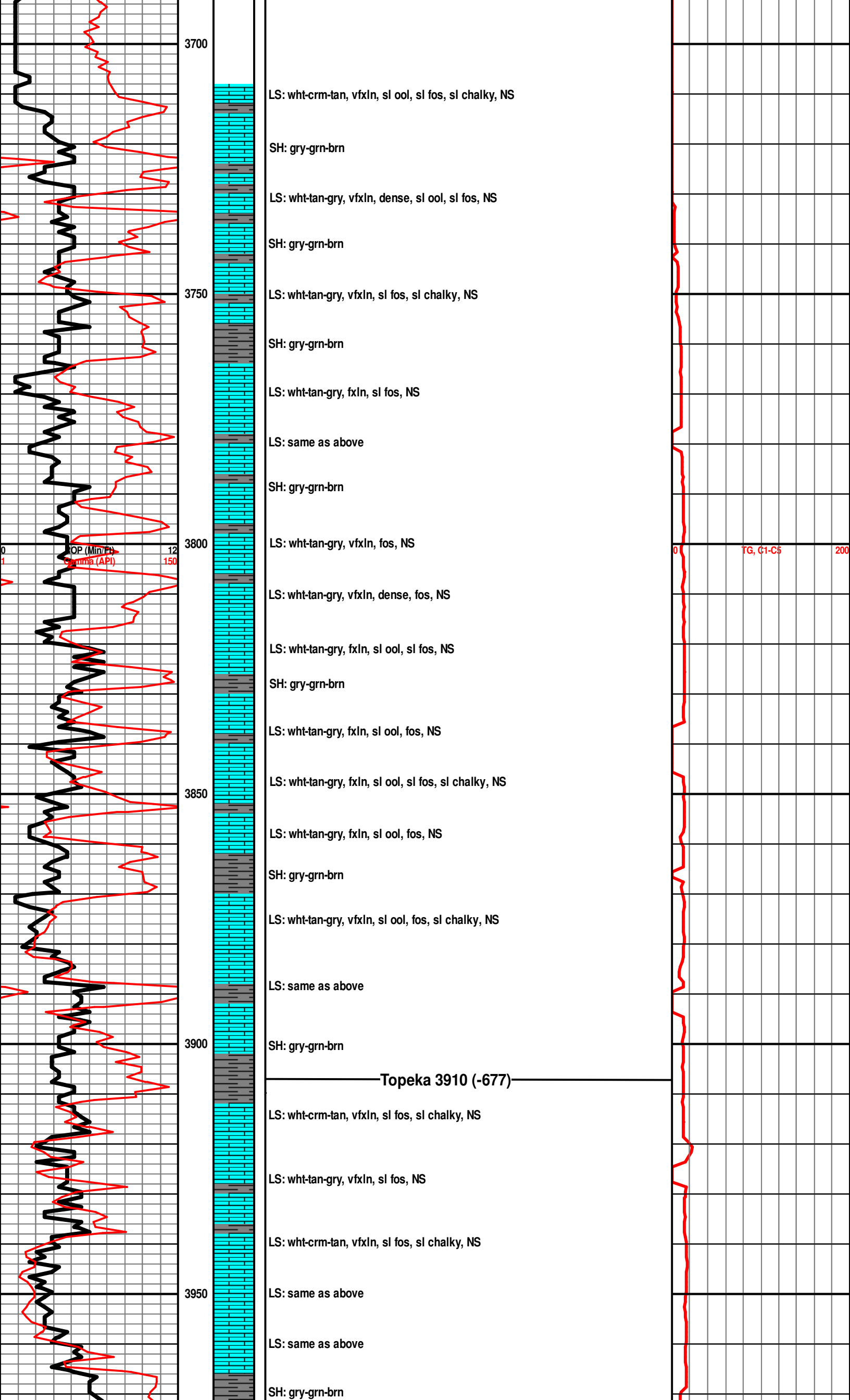
Company: Culbreath Oil & Gas
Address: 3501 South Yale Ave
Tulsa, OK 74135

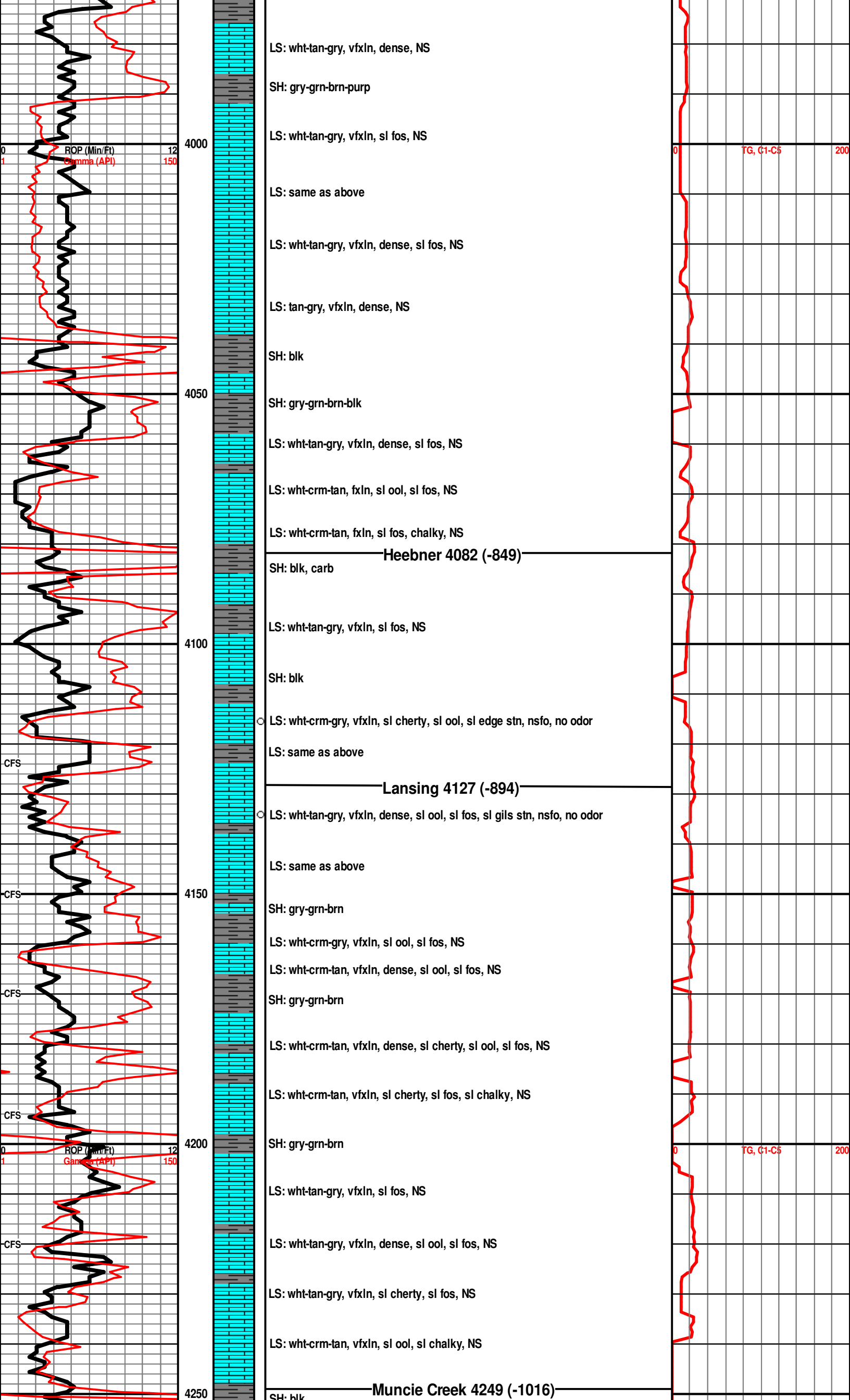
GEOLOGIST

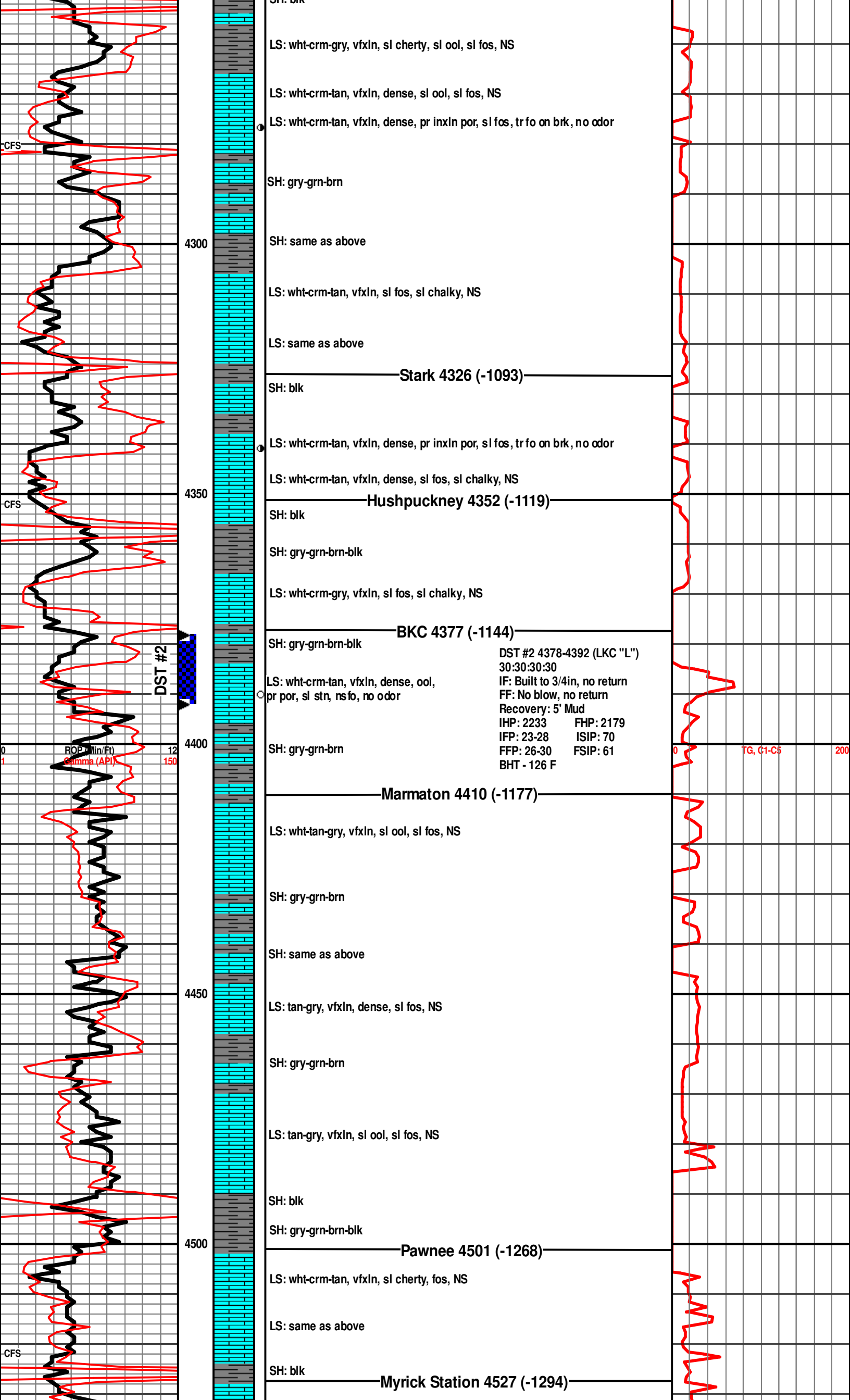
Name: Steven P. Murphy, PG (KS License #228) & Anthony Luna
Company: Consulting Petroleum Geologist
Address: 3365 CR 390
Otis, KS 67565

REMARKS

Anhydrite Top - 2925 (+308)
Anhydrite Base - 2962 (+271)
Topeka - 3912 (-679)
Heebner - 4081 (-848)
Lansing - 4126 (-893)
Muncie Crk - 4250 (-1017)
Stark - 4324 (-1091)
Hushpuckney - 4356 (-1123)
Base KC - 4376 (-1143)
Marmaton - 4414 (-1181)
Pawnee - 4503 (-1270)
Myrick Station - 4529 (-1296)
Fort Scott - 4558 (-1325)
Cherokee Sh - 4578 (-1345)
Mississippian - 4810 (-1577)







SH: blk

LS: wht-crm-gry, vfxln, sl cherty, sl ool, sl fos, NS

LS: wht-crm-tan, vfxln, dense, sl ool, sl fos, NS

LS: wht-crm-tan, vfxln, dense, pr inxln por, sl fos, tr fo on brk, no odor

SH: gry-grn-brn

SH: same as above

LS: wht-crm-tan, vfxln, sl fos, sl chalky, NS

LS: same as above

Stark 4326 (-1093)

SH: blk

LS: wht-crm-tan, vfxln, dense, pr inxln por, sl fos, tr fo on brk, no odor

LS: wht-crm-tan, vfxln, dense, sl fos, sl chalky, NS

Hushpuckney 4352 (-1119)

SH: blk

SH: gry-grn-brn-blk

LS: wht-crm-gry, vfxln, sl fos, sl chalky, NS

BKC 4377 (-1144)

SH: gry-grn-brn-blk

LS: wht-crm-tan, vfxln, dense, ool, pr por, sl stn, ns fo, no odor

DST #2 4378-4392 (LKC "L")
 30:30:30:30
 IF: Built to 3/4in, no return
 FF: No blow, no return
 Recovery: 5' Mud
 IHP: 2233 FHP: 2179
 IFP: 23-28 ISIP: 70
 FFP: 26-30 FSIP: 61
 BHT - 126 F

DST #2

Marmaton 4410 (-1177)

LS: wht-tan-gry, vfxln, sl ool, sl fos, NS

SH: gry-grn-brn

SH: same as above

LS: tan-gry, vfxln, dense, sl fos, NS

SH: gry-grn-brn

LS: tan-gry, vfxln, sl ool, sl fos, NS

SH: blk

SH: gry-grn-brn-blk

Pawnee 4501 (-1268)

LS: wht-crm-tan, vfxln, sl cherty, fos, NS

LS: same as above

SH: blk

Myrick Station 4527 (-1294)

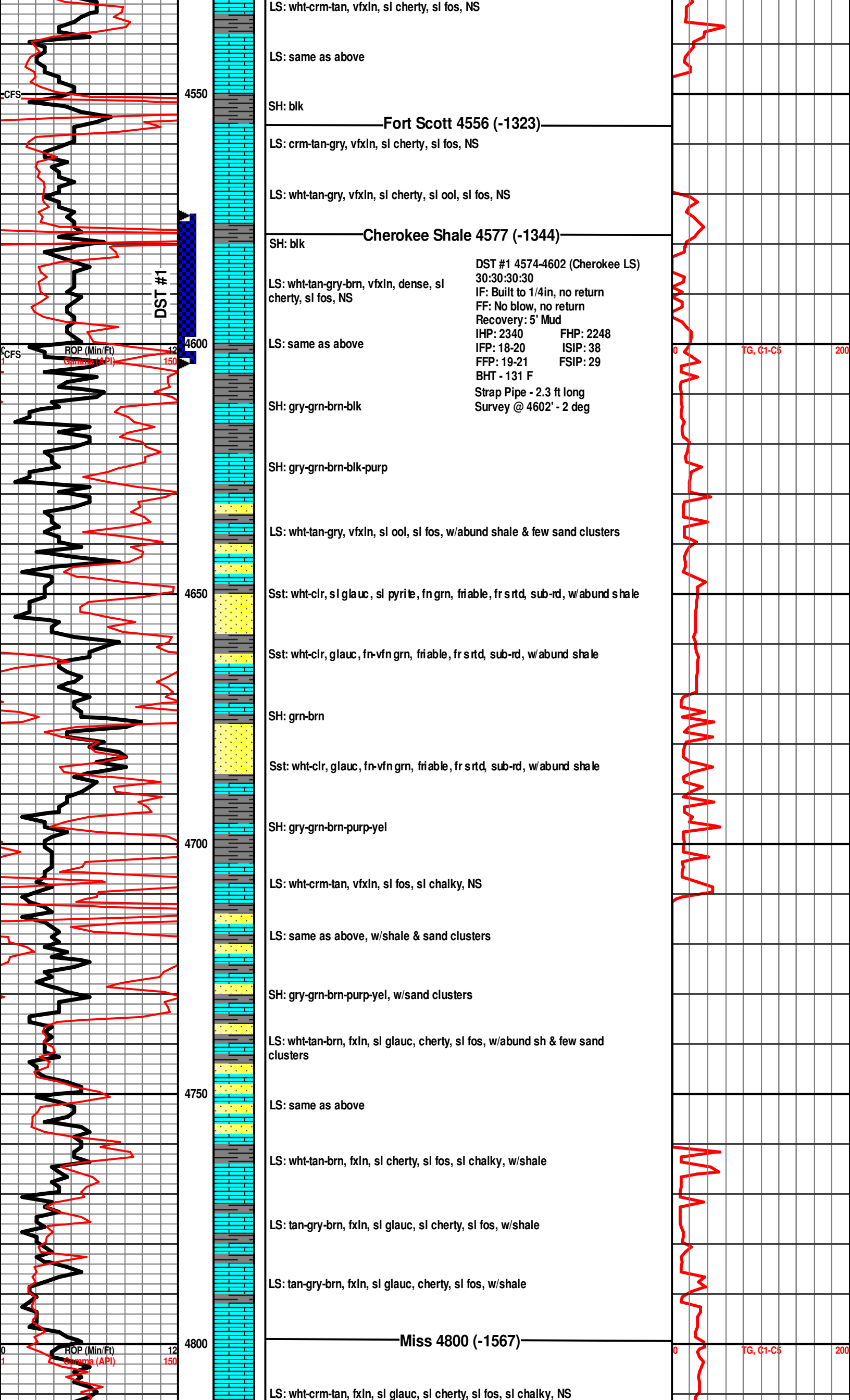
ROP (Min/Ft) 12
 Gamma (API) 150

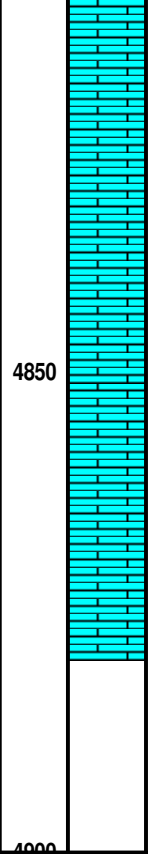
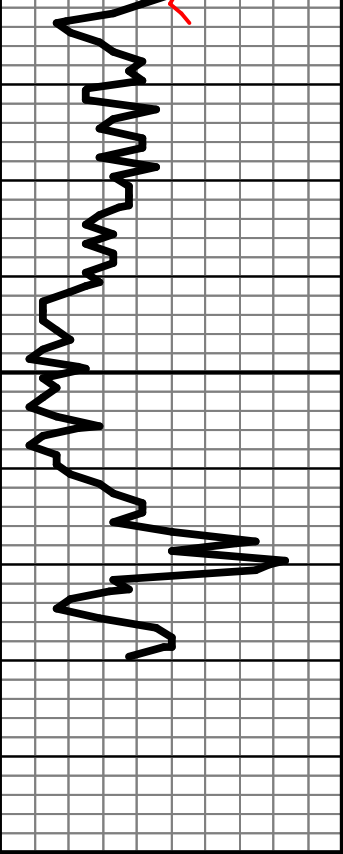
TG, C1-C5 200

CFS

CFS

CFS





LS: same as above

LS: wht-crm-tan, fxln, sl glauc, sl pyrite, sl cherty, sl fos, sl chalky, NS

LS: same as above

LS: wht-crm-tan, fxln, sl glauc, sl cherty, sl fos, NS

LS: wht-crm-tan-brn, fxln, sl cherty, sl fos, sl chalky, NS

Suvey @ TD - 1/2 deg

RTD - 4880'

LTD - 4882'

