Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1076996

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 # 34318
Name: BEREXCO LLC
Address 1: 2020 N. BRAMBLEWOOD
Address 2:
City: WICHITA State: KS Zip: 67206 + 1094
Contact Person: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: Justin Carter
Purchaser: Central Crude Corporation

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 #:

01/28/2012	02/08/2012	03/27/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22122-00-00
Spot Description:
NW SE SE SW Sec. 21 Twp. 22 S. R. 33 ☐ East ☑ West
398 Feet from ☐ North / ☑ South Line of Section
2292 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: Finney
Lease Name: Damme Well #: 6-21
Field Name: Damme
Producing Formation: St. Louis
Elevation: Ground: 2891 Kelly Bushing: 2903
Total Vertical Depth: 4850 Plug Back Total Depth: 4794
Amount of Surface Pipe Set and Cemented at: 1762 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 3075 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: 8000 ppm Fluid volume: 1400 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: 05/03/2012
☑ **Confidential Release Date:** 05/03/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 05/04/2012

[redacted] 1076996

Operator Name: BEREXCO LLC Lease Name: Damme Well #: 6-21

Sec. 21 Twp. 22 S. R. 33 ☐ East ☑ West County: Finney

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:

Compact Photo Density Log
Array Induction Shallow Focused Electric Log
Microresistivity Log

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

Name Attached Top Attached Datum Attached

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

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1764	60/40 POZ, Class A	800	3%cc, 1/4# flakes
Production	7.875	5.50	14	4848	60/40 POZ, ASC	295	2%gel,10%salt,6# gilsonite
DV Tool	7.875	5.50	14	3075	60/40 POZ, Common	400	3%cc, 1/4# flakes

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	4741 - 4748 St. Louis	500 gals 15% MCA	4741 - 4748

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2-3/8"	4767	no pkr	☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 03/27/2012

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	16.2	0	5.4		32

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:
4741 - 4748

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

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Damme 6-21
Doc ID	1076996

Tops

Name	Top	Datum
Heebner	3811	-908
Lansing	3854	-951
Kansas City	4194	-1291
Marmaton	4357	-1454
Pawnee	4435	-1532
Ft. Scott	4462	-1559
Cherokee	4479	-1576
Atoka	4574	-1671
Morrow	4666	-1763
Mississippi	4700	-1797
RTD	4850	
LTD	4845	

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/

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 22, 2012

Evan Mayhew
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-055-22122-00-00
Damme 6-21
SW/4 Sec.21-22S-33W
Finney 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,
Evan Mayhew

ALLIED CEMENTING CO., LLC. 036172

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley Ks.

DATE 1-30-12	SEC. 21	TWP. 22	RANGE 33	CALLED OUT	ON LOCATION 7:00 Am	JOB START 5:00pm	JOB FINISH 6:00pm
LEASE Damme	WELL # 6-21		LOCATION Tennis 25-2W-15-1½W- Nto			COUNTY Finney	STATE Ks.
OLD OR (NEW) (Circle one)							

CONTRACTOR Beredco #2
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 1765
CASING SIZE 8⅝ DEPTH 1761.66
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
RES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.70
CEMENT LEFT IN CSG. 42.70
PERFS.
DISPLACEMENT 109.5

OWNER Same

EQUIPMENT

PUMP TRUCK CEMENTER LaRene
431 HELPER Darren
BULK TRUCK
386-310 DRIVER Tyler
BULK TRUCK
396-306 DRIVER Chris

CEMENT

AMOUNT ORDERED 650 SKs Lite 3% CC
¼ lb Flo-Seal - 150 SKs Com 3% CC

COMMON	150 SKs.	@ $16.25	$2437.50
POZMIX		@	
GEL		@	
CHLORIDE	26 SKs	@ $58.20	$1513.20
ASC		@	
Lite Type 2 - 650 SKs		@ $14.50	$9425.00
Flo-Seal - 163 lbs.		@ $2.70	$440.10
		@	
		@	
		@	
		@	
Waiting Time 3hrs		@ 300.00	1500.00
		@	
HANDLING	877 SKs	@ $2.25	$1973.25
MILEAGE	11¢ Per SK a mile		$4823.50
		TOTAL	~~$30712.55~~ 22112.55

REMARKS:

Mix 650 SKs Lite Down Casing
Mix 150 SKs Com Down Casing
Displace with water
Cement Did Circulate
Thank You

SERVICE

DEPTH OF JOB 1761.66
PUMP TRUCK CHARGE $1925.00
EXTRA FOOTAGE @
MILEAGE 50 @ $7.00 $350.00
MANIFOLD Head @ $200.00
L.V. Mileage @ $4.00 $200.00
@
TOTAL $2675.00

CHARGE TO: Berexco INC
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

"IR"	Texas Pattern Guide Shoe		
	2 - Baskets	@	
	4 - Centralizers	@	
	1 - Rubber Plug	@	
"IR"	2 - AFU insert	@	
		@	
		TOTAL	

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

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Scott Eatman

SIGNATURE

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	**BEREXCO LLC**	**Job Number**	**M271**
Well Name	**DAMME #6-21**	**Representative**	**MIKE COCHRAN**
Unique Well ID	**DST#1 4743-4761 ST.LOUIS**	**Well Operator**	**BEREXCO LLC**
Surface Location	**SEC.21-22S-33W FINNEY CO.KS.**	**Report Date**	**2012/02/07**
Field	**WILDCAT**	**Prepared By**	**MIKE COCHRAN**
Well Type	**Vertical**	**Qualified By**	**JUSTIN CARTER**
		Test Unit	**NO. 1**

Test Information

Test Type	**CONVENTIONAL**
Formation	**DST#1 4743-4761 ST.LOUIS**
Test Purpose (AEUB)	**Initial Test**

Start Test Date	**2012/02/07**	**Start Test Time**	**05:30:00**
Final Test Date	**2012/02/07**	**Final Test Time**	**18:35:00**
		Well Fluid Type	**01 Oil**

Gauge Name	**E1150**
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

805' GIP

10' CO 100% OIL

173' GHOCWM 18% GAS, 32% EMULSIFIED OIL, 15% WTR, 35% MUD

20' GOSMW 2% GAS, 4% EMULSIFIED OIL,76% WTR, 18% MUD

203' TOTAL FLUID

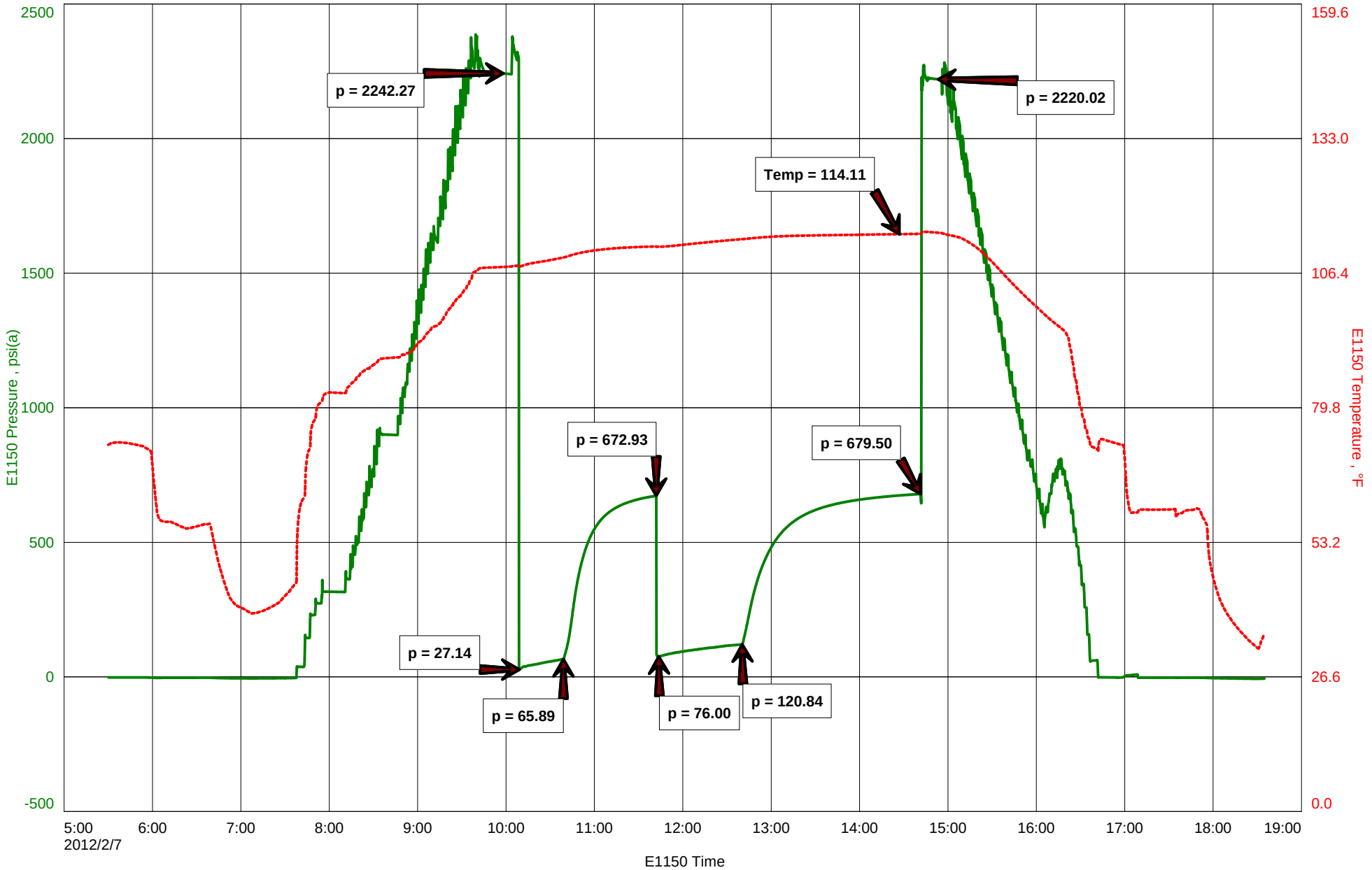
CHLOR: 19,000PPM
PH:7.0
RW: .36 @ 70 DEG

TOOL SAMPLE: 2% GAS, 2% OIL, 94% WTR, 2% MUD

BEREXCO LLC
DST#1 4743-4761 ST.LOUIS
Start Test Date: 2012/02/07
Final Test Date: 2012/02/07

DAMME #6-21
Formation: DST#1 4743-4761 ST.LOUIS
Pool: WILDCAT
Job Number: M271

DAMME #6-21



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: DMME6-21DST1

TIME ON: 0530
TIME OFF: 1835

Company BEREXCO LLC — Lease & Well No. DAMME #6-21
Contractor BEREDCO RIG 2 — Charge to BEREXCO LLC
Elevation 2891 KB — Formation ST.LOUIS — Effective Pay ____ Ft. — Ticket No. M271
Date 2/7/2012 — Sec. 21 — Twp. 22 S — Range 33 W — County FINNEY — State KANSAS
Test Approved By JUSTIN CARTER — Diamond Representative MIKE COCHRAN

Formation Test No. 1 — Interval Tested from 4743 ft. to 4761 ft. — Total Depth 4761 ft.
Packer Depth 4738 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Packer Depth 4743 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4725 ft. — Recorder Number E1150 — Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4758 ft. — Recorder Number 13386 — Cap. 3,875 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 50 — Drill Collar Length 636 ft. — I.D. 2 1/4 in.
Weight 9.3 — Water Loss 7.2 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 1500 P.P.M. — Drill Pipe Length 4075 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number 1 — Test Tool Length 32 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 18 ft. — Size 4 1/2-FH in
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in

Blow: 1st Open: WSB, INC. TO 10" (VWS BB)
2nd Open: WSB, INC. TO BOB 25 MIN. (1" BB)

Recovered 805 ft. of GIP (372'DP, 433' DC)
Recovered 10 ft. of CO 100% OIL GRAVITY: 32.2 @ 60°
Recovered 173 ft. of GHOCWM 18% GAS, 32% EMULSIFIED OIL, 15% WTR, 35% MUD
Recovered 20 ft. of GOSMW 2% GAS, 4% EMULSIFIED OIL,76% WTR, 18% MUD
Recovered 203 ft. of TOTAL FLUID
Recovered ____ ft. of PH: 7.0
Remarks: RW: .36 @ 70°
CHLOR: 19,000 PPM
TOOL SAMPLE: 2% GAS, 2% OIL, 94% WTR, 2% MUD

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 10:15 A.M A.M. P.M. — Time Started Off Bottom 2:45 P.M. A.M. P.M. — Maximum Temperature 114

Initial Hydrostatic Pressure ..... (A) 2242 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 27 P.S.I. to (C) 66 P.S.I.
Initial Closed In Period ..... Minutes 60 (D) 673 P.S.I.
Final Flow Period ..... Minutes 60 (E) 76 P.S.I. to (F) 121 P.S.I.
Final Closed In Period ..... Minutes 120 (G) 680 P.S.I.
Final Hydrostatic Pressure ..... (H) 2220 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

ALLIED CEMENTING CO., LLC. 035337

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE 2/9/12	SEC. 21	TWP. 22	RANGE 33	CALLED OUT	ON LOCATION 3:30 AM	JOB START 1815	JOB FINISH 2:15
LEASE Same	WELL # 6-21		LOCATION Garden City N to Barlow 2W 1S 1 1/2W N into			COUNTY Finney	STATE Ks
OLD OR NEW (Circle one)							

CONTRACTOR Beredco 2
TYPE OF JOB Production 2 Stage Bottom
HOLE SIZE 7 7/8 T.D. 4850
CASING SIZE 5 1/2 14 lb DEPTH 4848'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DV DEPTH 3075'
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 45.0
CEMENT LEFT IN CSG. 45'
PERFS.
DISPLACEMENT

OWNER Same

EQUIPMENT

PUMP TRUCK CEMENTER Aaron
422 HELPER Wayne
BULK TRUCK
373 DRIVER Ethan
BULK TRUCK
347 DRIVER ~~Chris~~ Tyler
396 Chris

CEMENT

AMOUNT ORDERED 120SKs ALW 1/4 Flo
175 SKs ASC 10% salt 6# Gilsonite
2% gel

~~COMMON~~ ALW 120SKs	@	14.50	1740.00
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC 175 SKs	@	19.00	3325.00
	@		
Salt 16 SKs	@	23.95	383.20
Gilsonite 1050	@	.89	934.50
	@		
	@		
	@		
	@		
	@		
HANDLING 355SKs	@	2.25	798.75
MILEAGE 1/4SK/mile			1952.50
		TOTAL	9133.45

REMARKS:

Ran Csg, Circulate, Mix ALW 1/4 Flo, Tail w/ ASC 10% Salt 2% gel 6# Gilsonite, wash Truck & Line, Displace Plug to Catch Down w/ 136 Bbl H2O & 85 Bbl Mud w/ 1200 PSI Lift. ~~Circulate~~ ~~Start~~ Start Displacement w/ 0 PSI 72 Bbl out - 600 PSI, 90 - 120 1/2 - 1200 PSI Lift. Did not land Plug. Drop Opening Tool, Open Tool w/ 1500 PSI. Circulate 4 Hrs. Thank You
Aaron, Wayne, Tyler, Ethan, Chris

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE 2405.00
EXTRA FOOTAGE @
MILEAGE 50 @ 7.00 350.00
MANIFOLD - Head @ N/C
Lite Vehicle 50 @ N/C
@

TOTAL 2755.00

CHARGE TO: Beredco Co Inc
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

DV Tool	@		2832.00
Float Shoe AFU	@		232.00
Latch Down Assembly	@	184.00	184.00
Centralizers 10	@	37.00	370.00
Basket 1	@	178.00	178.00

TOTAL 3796.00

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

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE

ALLIED CEMENTING CO., LLC. 035338

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE 2/9/12	SEC. 21	TWP. 22	RANGE 33	CALLED OUT	ON LOCATION	JOB START 6:00pm	JOB FINISH 2:00pm
LEASE Damme	WELL # 6-21		LOCATION Garden City N to Barlow 2W 1S 1 1/2W N into			COUNTY Finney	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Beredco 2
TYPE OF JOB Production - Top Stage
HOLE SIZE 7 7/8 T.D.
CASING SIZE 5 1/2 14# DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DV DEPTH 3075'
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same

CEMENT
AMOUNT ORDERED 395 ALW 1/4 lb FloSeal
50 SKs Com

EQUIPMENT

PUMP TRUCK CEMENTER Alan
422 HELPER Wayne
BULK TRUCK
347 DRIVER Tyler
BULK TRUCK
396 DRIVER Chris

COMMON	50	@ 16.25	812.50
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
ALW	395 SKs	@ 14.50	5727.50
		@	
		@	
Flo Seal	99 lb	@ 2.20	217.80
		@	
		@	
		@	
		@	
HANDLING	476 SKs	@ 2.25	1071.00
MILEAGE	11¢ SK/mile		2618.00
		TOTAL	10496.30

REMARKS:

Mix 30 SK RH Mix 15 SKs MH. Mix 350 SKs ALW 1/4 Flo Seal Down 5 1/2, Tail w/ 50 Com. Wash Truck & Lines. Displace Plug w/ 76 BBL H2O. Start Disp w 200 PSI, 27 BBL Displaced - 600 PSI. 45 BBL 900 63 BBL 900 76 BBL 1000 PSI. Land Plug @ 2000 PSI Tool Closed. Cement Did Circulate

Thank You
Alan, Wayne, Chris, Tyler, ETM

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE n/c
EXTRA FOOTAGE @
MILEAGE 50 miles @ 7.00 n/c
MANIFOLD @ n/c
Litetruck de 50 miles @ n/c
@
TOTAL

CHARGE TO: Beredco Inc
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

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

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE

JUSTIN D. CARTER
CONSULTING GEOLOGIST

FEB 14 2012

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

Well Name: DAMME #6-21
Location: NW, SE, SE, SW Sec. 21 - 22S - 33W Finney Co., KS
License Number: 15-055-22122-0000 Region: Damme
Spud Date: 01/27/12 Drilling Completed: 02/08/12
Surface Coordinates: 398' FSL & 2292' FWL
X: 1295714.3, Y: 538788.7
Bottom Hole Coordinates:

Ground Elevation (ft): 2891' K.B. Elevation (ft): 2903'
Logged Interval (ft): 3700' To: 4850' Total Depth (ft): 4850'
Formation: ST.LOUIS
Type of Drilling Fluid: Chemical Mud

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BEREXCO LLC
Address: 2601 NW Expressway, Ste. 1100E
Oklahoma City, OK 73112
Co. Geo.: Mr. Pete Wilson

GEOLOGIST

Name: Justin D. Carter
Company: Justin D. Carter, Geologist
Address: 5945 Westridge Dr.
Great Bend, KS 67530
Home: 620-603-6399, Cell: 620-655-1187

COMMENTS

Drilling Contractor: Beredco Drilling Rig #2
Tool Pusher: Scott Batman

8 5/8" surface casing set at 1765'

Mud: Mudco
Engineer: Tony Maestas

Gas Detector: Earth Tech OGL, Inc.

Testing: Diamond Testers
Tester: Mike Cochran

Open-Hole Loggers: Weatherford

DST #1

4843' - 4861' ST. LOUIS "C"
Times: 30-60-60-120

IF: WEAK SURFACE BLOW, INCREASE TO 10"
ISI: V/WEAK SURFACE BB
FF: WEAK SURACE BLOW, INCREASE TO BOB 25 MIN.
FSI: V/WEAK SURFACE BB, INCREASE TO 1"

IF:27-66
FF: 76-121

SIP: 673-680
IH: 2242
FH: 2220

RECOVERY 203' TOTAL, 805' GIP
10' CLEAN OIL (GRAV 32.2 @ 60 DEG)
173' GHOCWM (18% GAS, 32% OIL, 15% WATER, 35% MUD)
20' GOSMW (2% GAS, 4% OIL, 76% WATER, 18% MUD)

CHLORIDES: 19,000
PH: 7.0
RW: 0.36 @ 70 DEG
BHT: 114 DEG

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh
- Sandylms
- Shale
- Sltstn
- Shlysilts
- Sltysh
- Lms

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Biocist
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Grysit
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- BS Boundst
- C Chalky
- CX Cryxln
- E Earthy
- FX Finexln
- GS Grainst
- L Lithogr
- MX Microxln
- MS Mudst
- PS Packst
- WS Wackest

OTHER SYMBOLS

INTERVALS

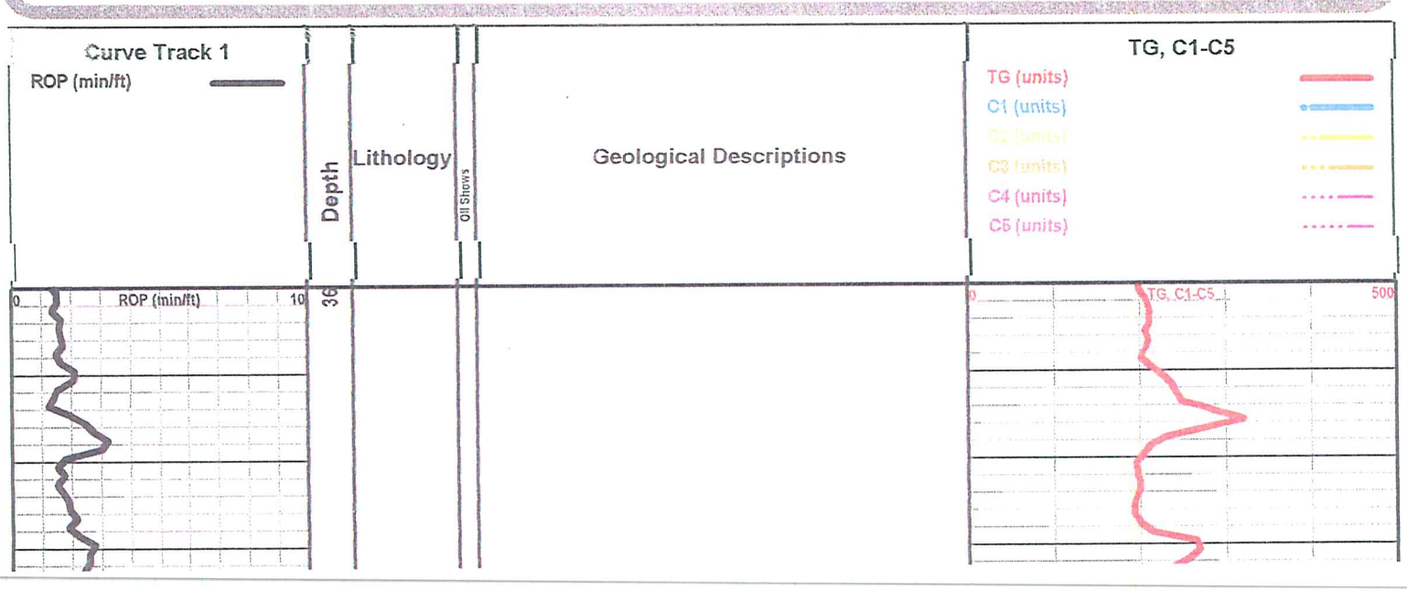
- Core
- Dst

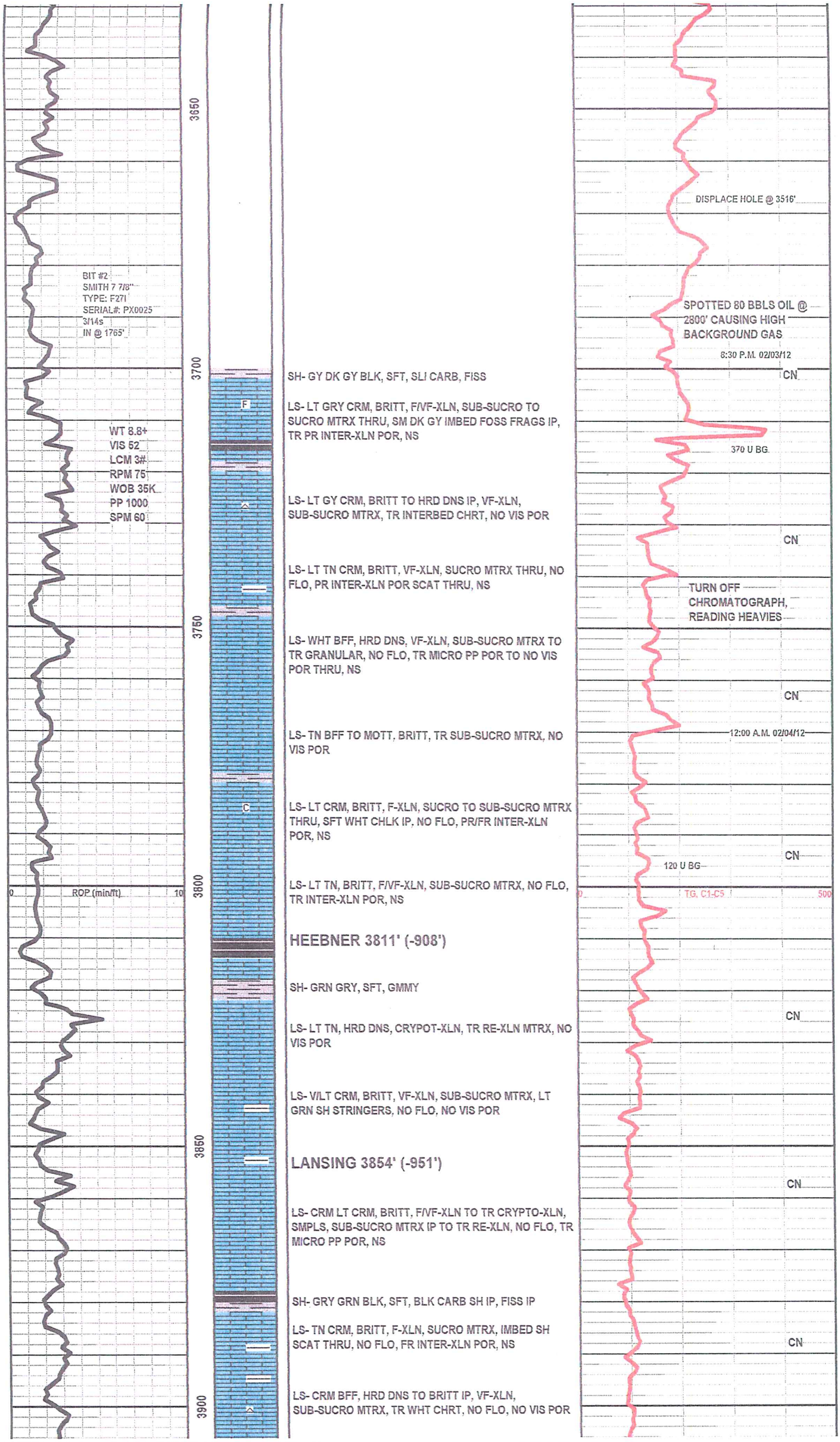
Dst

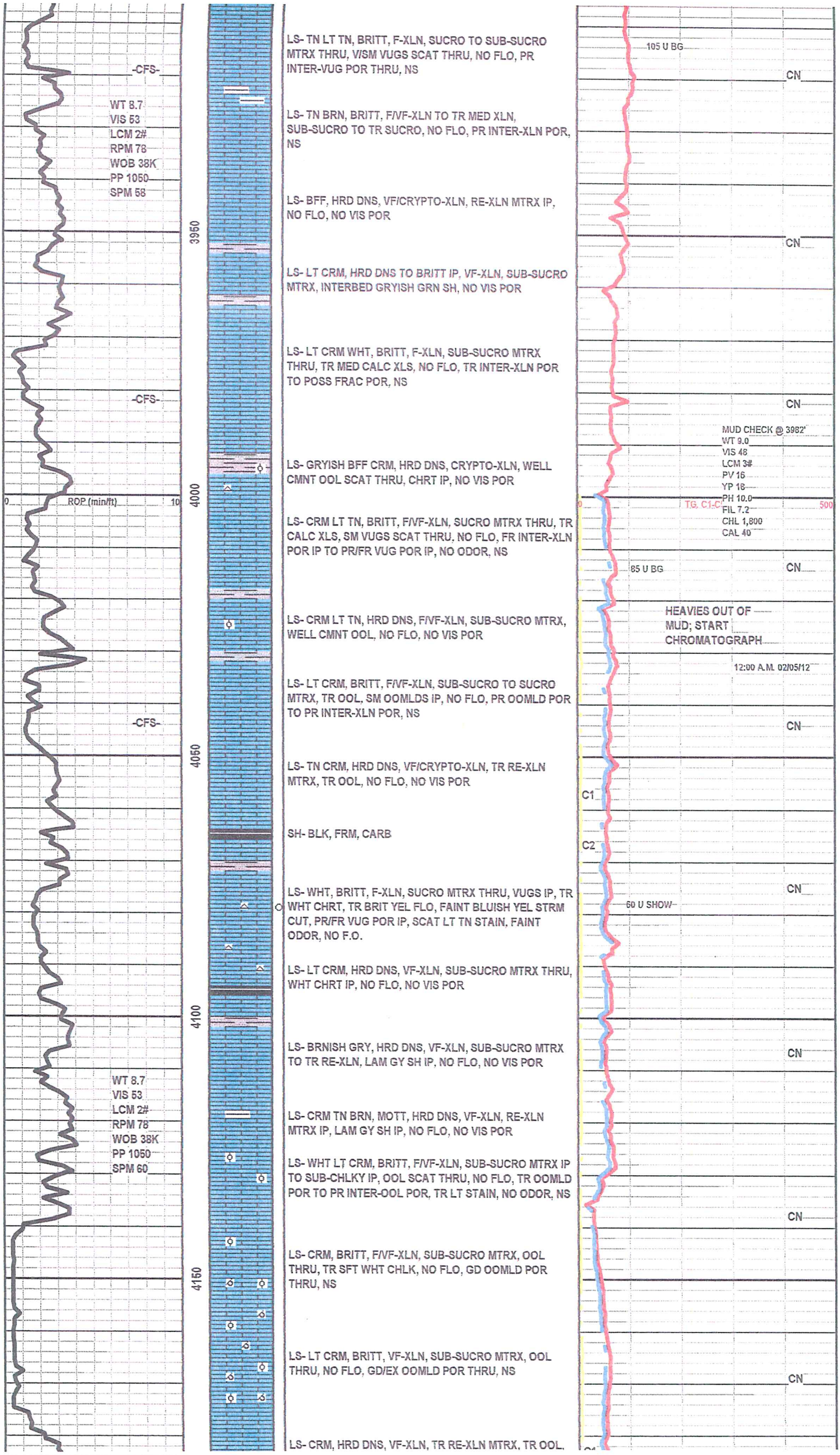
OIL SHOWS

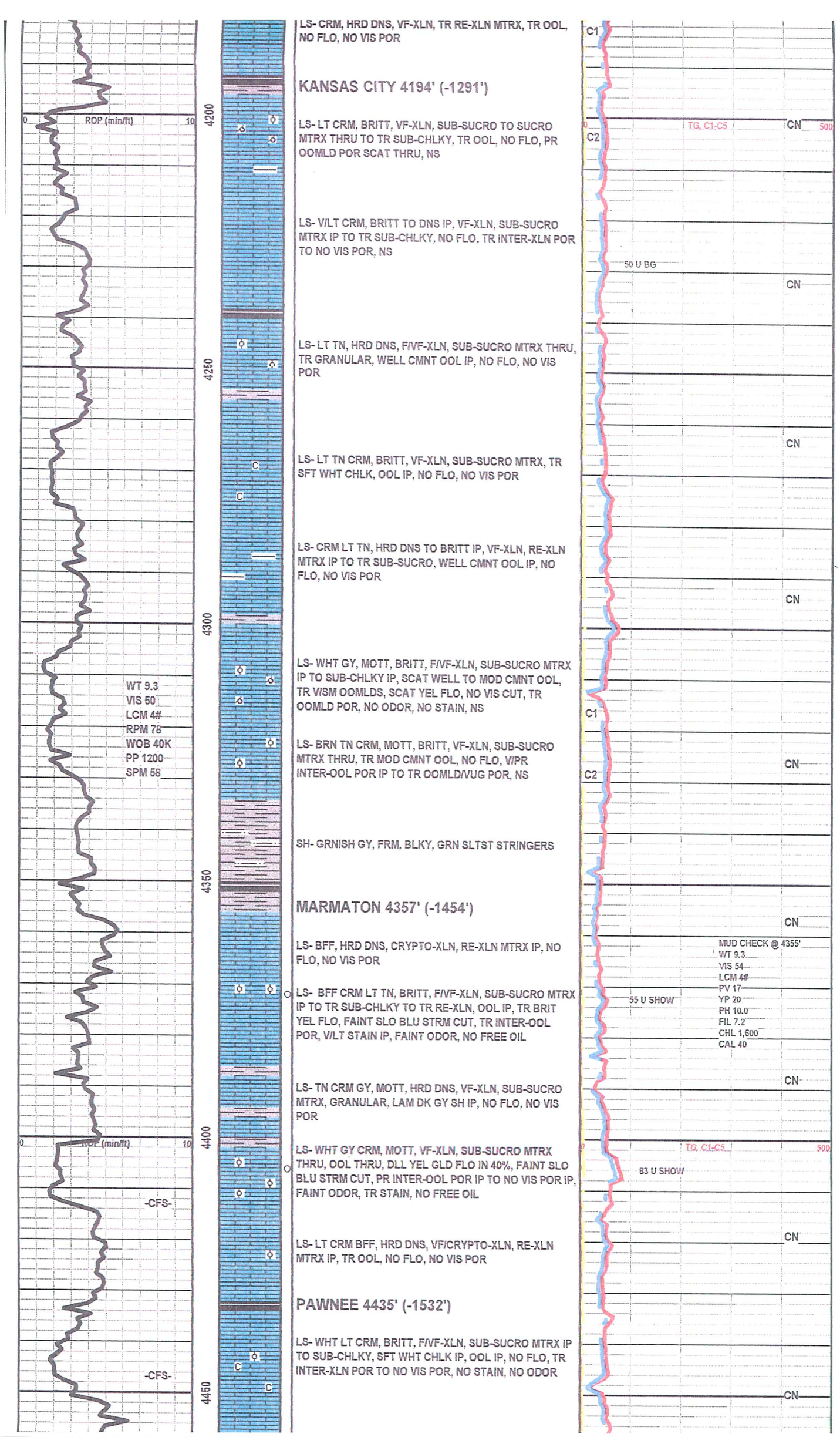
- Even
- Spotted

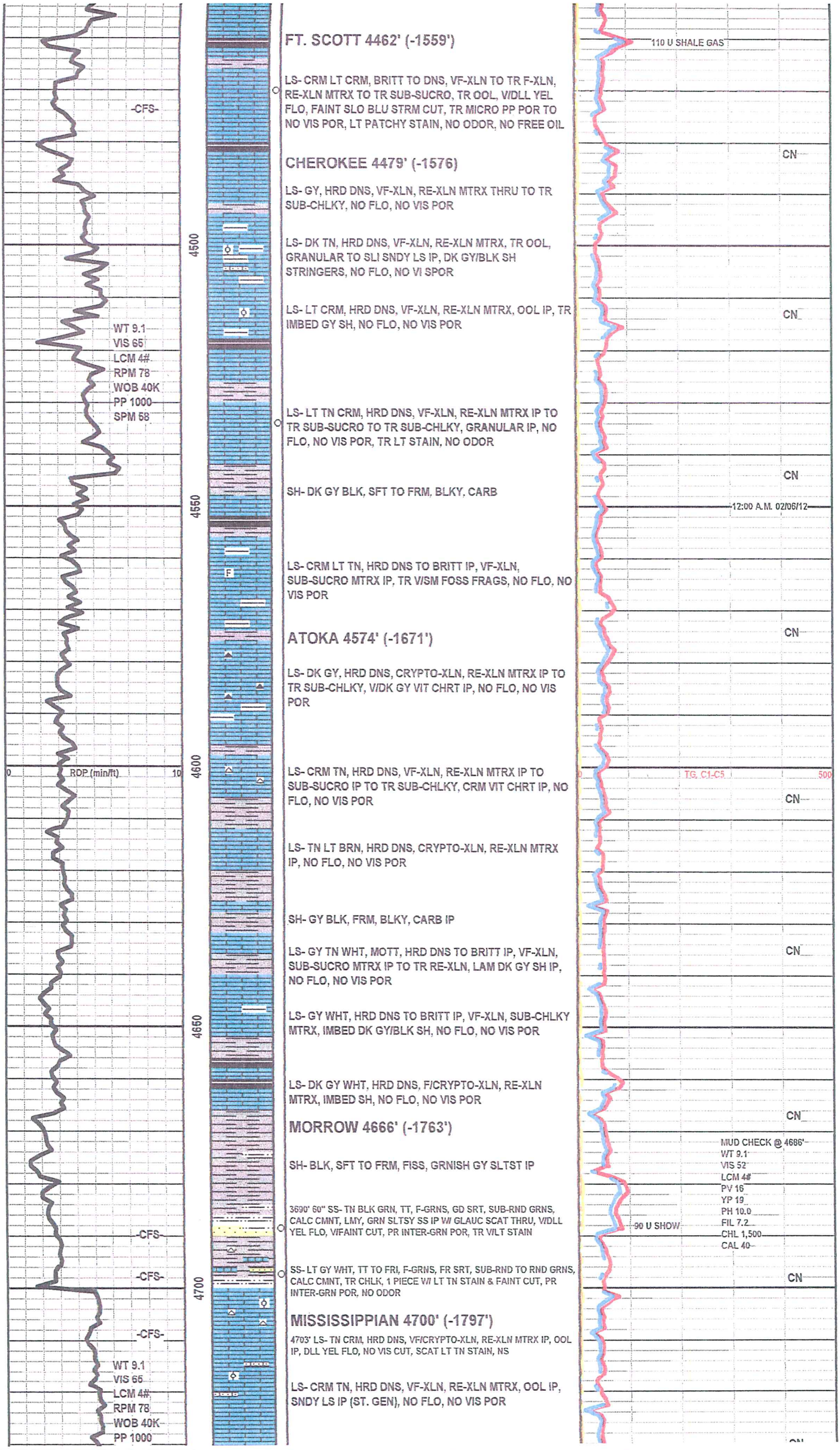
- Ques
- Dead
- Gas show

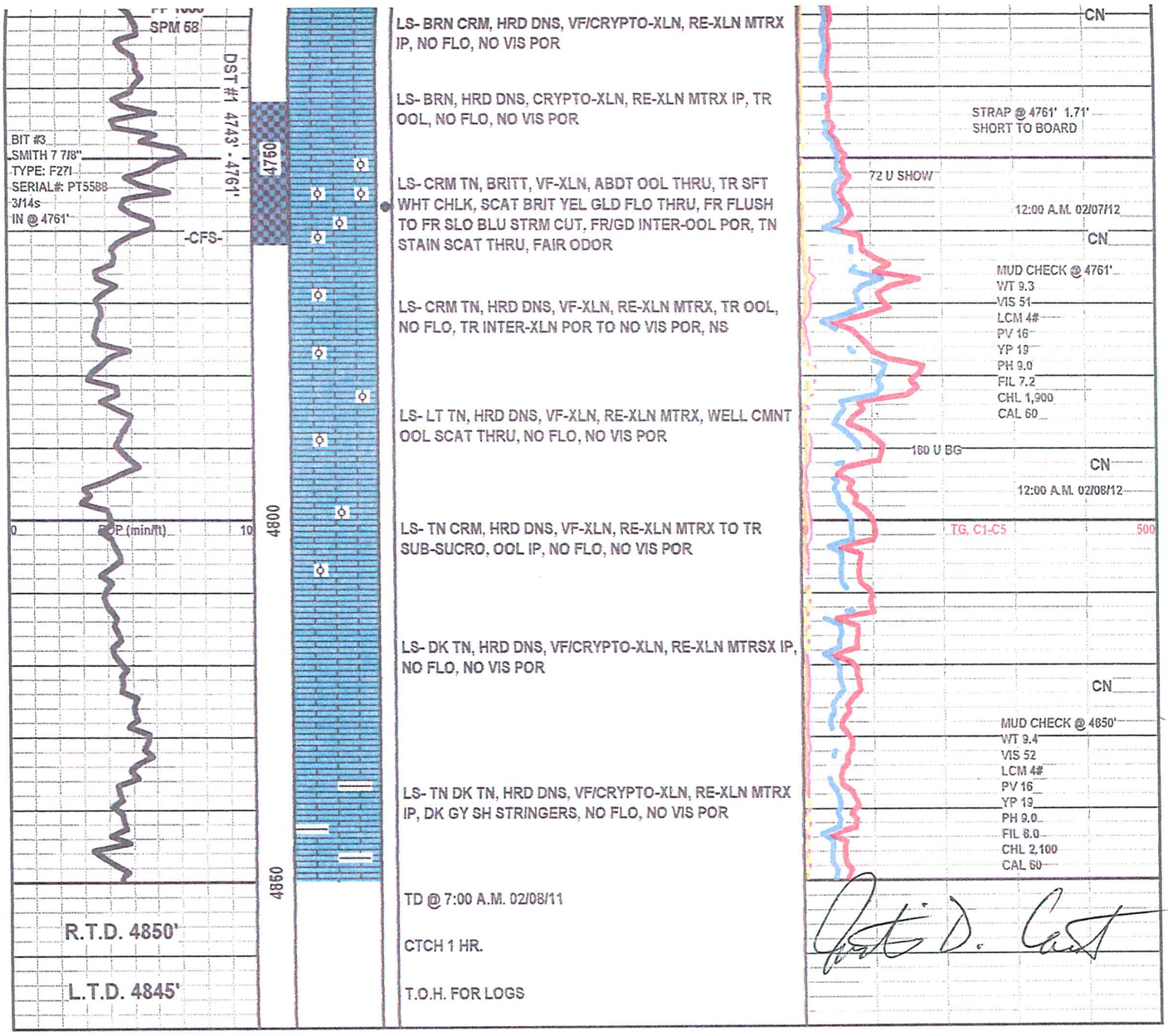



BIT #2
SMITH 7 7/8"
TYPE: F27I
SERIAL#: PX0025
3/14s
IN @ 1765'
WT 8.8+
VIS 52
LCM 3#
RPM 75
WOB 35K
PP 1000
SPM 60
0
ROP (min/ft)
10
3650
3700
3750
3800
3850
3900
F
A
C
A
SH- GY DK GY BLK, SFT, SLI CARB, FISS
LS- LT GRY CRM, BRITT, F/VF-XLN, SUB-SUCRO TO SUCRO MTRX THRU, SM DK GY IMBED FOSS FRAGS IP, TR PR INTER-XLN POR, NS
LS- LT GY CRM, BRITT TO HRD DNS IP, VF-XLN, SUB-SUCRO MTRX, TR INTERBED CHRT, NO VIS POR
LS- LT TN CRM, BRITT, VF-XLN, SUCRO MTRX THRU, NO FLO, PR INTER-XLN POR SCAT THRU, NS
LS- WHT BFF, HRD DNS, VF-XLN, SUB-SUCRO MTRX TO TR GRANULAR, NO FLO, TR MICRO PP POR TO NO VIS POR THRU, NS
LS- TN BFF TO MOTT, BRITT, TR SUB-SUCRO MTRX, NO VIS POR
LS- LT CRM, BRITT, F-XLN, SUCRO TO SUB-SUCRO MTRX THRU, SFT WHT CHLK IP, NO FLO, PR/FR INTER-XLN POR, NS
LS- LT TN, BRITT, F/VF-XLN, SUB-SUCRO MTRX, NO FLO, TR INTER-XLN POR, NS
HEEBNER 3811' (-908')
SH- GRN GRY, SFT, GMMY
LS- LT TN, HRD DNS, CRYPOT-XLN, TR RE-XLN MTRX, NO VIS POR
LS- V/LT CRM, BRITT, VF-XLN, SUB-SUCRO MTRX, LT GRN SH STRINGERS, NO FLO, NO VIS POR
LANSING 3854' (-951')
LS- CRM LT CRM, BRITT, F/VF-XLN TO TR CRYPTO-XLN, SMPLS, SUB-SUCRO MTRX IP TO TR RE-XLN, NO FLO, TR MICRO PP POR, NS
SH- GRY GRN BLK, SFT, BLK CARB SH IP, FISS IP
LS- TN CRM, BRITT, F-XLN, SUCRO MTRX, IMBED SH SCAT THRU, NO FLO, FR INTER-XLN POR, NS
LS- CRM BFF, HRD DNS TO BRITT IP, VF-XLN, SUB-SUCRO MTRX, TR WHT CHRT, NO FLO, NO VIS POR
DISPLACE HOLE @ 3516'
SPOTTED 80 BBLS OIL @ 2800' CAUSING HIGH BACKGROUND GAS
8:30 P.M. 02/03/12
CN
370 U BG
CN
TURN OFF CHROMATOGRAPH, READING HEAVIES
CN
12:00 A.M. 02/04/12
CN
120 U BG
0
TG, C1-C5
500
CN
CN
CN


-CFS-
WT 8.7
VIS 53
LCM 2#
RPM 78
WOB 38K
PP 1050
SPM 58
-CFS-
0
ROP (min/ft)
10
-CFS-
WT 8.7
VIS 53
LCM 2#
RPM 78
WOB 38K
PP 1050
SPM 60
3950
4000
4050
4100
4150
LS- TN LT TN, BRITT, F-XLN, SUCRO TO SUB-SUCRO MTRX THRU, VISM VUGS SCAT THRU, NO FLO, PR INTER-VUG POR THRU, NS
LS- TN BRN, BRITT, F/VF-XLN TO TR MED XLN, SUB-SUCRO TO TR SUCRO, NO FLO, PR INTER-XLN POR, NS
LS- BFF, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR
LS- LT CRM, HRD DNS TO BRITT IP, VF-XLN, SUB-SUCRO MTRX, INTERBED GRYISH GRN SH, NO VIS POR
LS- LT CRM WHT, BRITT, F-XLN, SUB-SUCRO MTRX THRU, TR MED CALC XLS, NO FLO, TR INTER-XLN POR TO POSS FRAC POR, NS
LS- GRYISH BFF CRM, HRD DNS, CRYPTO-XLN, WELL CMNT OOL SCAT THRU, CHRT IP, NO VIS POR
LS- CRM LT TN, BRITT, F/VF-XLN, SUCRO MTRX THRU, TR CALC XLS, SM VUGS SCAT THRU, NO FLO, FR INTER-XLN POR IP TO PR/FR VUG POR IP, NO ODOR, NS
LS- CRM LT TN, HRD DNS, F/VF-XLN, SUB-SUCRO MTRX, WELL CMNT OOL, NO FLO, NO VIS POR
LS- LT CRM, BRITT, F/VF-XLN, SUB-SUCRO TO SUCRO MTRX, TR OOL, SM OOMLDS IP, NO FLO, PR OOMLD POR TO PR INTER-XLN POR, NS
LS- TN CRM, HRD DNS, VF/CRYPTO-XLN, TR RE-XLN MTRX, TR OOL, NO FLO, NO VIS POR
SH- BLK, FRM, CARB
LS- WHT, BRITT, F-XLN, SUCRO MTRX THRU, VUGS IP, TR WHT CHRT, TR BRIT YEL FLO, FAINT BLUISH YEL STRM CUT, PR/FR VUG POR IP, SCAT LT TN STAIN, FAINT ODOR, NO F.O.
LS- LT CRM, HRD DNS, VF-XLN, SUB-SUCRO MTRX THRU, WHT CHRT IP, NO FLO, NO VIS POR
LS- BRNISH GRY, HRD DNS, VF-XLN, SUB-SUCRO MTRX TO TR RE-XLN, LAM GY SH IP, NO FLO, NO VIS POR
LS- CRM TN BRN, MOTT, HRD DNS, VF-XLN, RE-XLN MTRX IP, LAM GY SH IP, NO FLO, NO VIS POR
LS- WHT LT CRM, BRITT, F/VF-XLN, SUB-SUCRO MTRX IP TO SUB-CHLKY IP, OOL SCAT THRU, NO FLO, TR OOMLD POR TO PR INTER-OOL POR, TR LT STAIN, NO ODOR, NS
LS- CRM, BRITT, F/VF-XLN, SUB-SUCRO MTRX, OOL THRU, TR SFT WHT CHLK, NO FLO, GD OOMLD POR THRU, NS
LS- LT CRM, BRITT, VF-XLN, SUB-SUCRO MTRX, OOL THRU, NO FLO, GD/EX OOMLD POR THRU, NS
LS- CRM, HRD DNS, VF-XLN, TR RE-XLN MTRX, TR OOL,
105 U BG
CN
CN
CN
MUD CHECK @ 3982'
WT 9.0
VIS 48
LCM 3#
PV 16
YP 18
PH 10.0
FIL 7.2
CHL 1,800
CAL 40
0
TG, C1-C5
500
85 U BG
CN
HEAVIES OUT OF MUD; START CHROMATOGRAPH
12:00 A.M. 02/05/12
CN
C1
C2
CN
60 U SHOW
CN
CN
CN


0 ROP (min/ft) 10
4200
4250
4300
4350
4400
4450
WT 9.3
VIS 50
LCM 4#
RPM 78
WOB 40K
PP 1200
SPM 58
0 ROP (min/ft) 10
-CFS-
-CFS-
LS- CRM, HRD DNS, VF-XLN, TR RE-XLN MTRX, TR OOL, NO FLO, NO VIS POR
KANSAS CITY 4194' (-1291')
LS- LT CRM, BRITT, VF-XLN, SUB-SUCRO TO SUCRO MTRX THRU TO TR SUB-CHLKY, TR OOL, NO FLO, PR OOMLD POR SCAT THRU, NS
LS- V/LT CRM, BRITT TO DNS IP, VF-XLN, SUB-SUCRO MTRX IP TO TR SUB-CHLKY, NO FLO, TR INTER-XLN POR TO NO VIS POR, NS
LS- LT TN, HRD DNS, F/VF-XLN, SUB-SUCRO MTRX THRU, TR GRANULAR, WELL CMNT OOL IP, NO FLO, NO VIS POR
LS- LT TN CRM, BRITT, VF-XLN, SUB-SUCRO MTRX, TR SFT WHT CHLK, OOL IP, NO FLO, NO VIS POR
LS- CRM LT TN, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, WELL CMNT OOL IP, NO FLO, NO VIS POR
LS- WHT GY, MOTT, BRITT, F/VF-XLN, SUB-SUCRO MTRX IP TO SUB-CHLKY IP, SCAT WELL TO MOD CMNT OOL, TR V/SM OOMLDS, SCAT YEL FLO, NO VIS CUT, TR OOMLD POR, NO ODOR, NO STAIN, NS
LS- BRN TN CRM, MOTT, BRITT, VF-XLN, SUB-SUCRO MTRX THRU, TR MOD CMNT OOL, NO FLO, V/PR INTER-OOL POR IP TO TR OOMLD/VUG POR, NS
SH- GRNISH GY, FRM, BLKY, GRN SLTST STRINGERS
MARMATON 4357' (-1454')
LS- BFF, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR
LS- BFF CRM LT TN, BRITT, F/VF-XLN, SUB-SUCRO MTRX IP TO TR SUB-CHLKY TO TR RE-XLN, OOL IP, TR BRIT YEL FLO, FAINT SLO BLU STRM CUT, TR INTER-OOL POR, V/LT STAIN IP, FAINT ODOR, NO FREE OIL
LS- TN CRM GY, MOTT, HRD DNS, VF-XLN, SUB-SUCRO MTRX, GRANULAR, LAM DK GY SH IP, NO FLO, NO VIS POR
LS- WHT GY CRM, MOTT, VF-XLN, SUB-SUCRO MTRX THRU, OOL THRU, DLL YEL GLD FLO IN 40%, FAINT SLO BLU STRM CUT, PR INTER-OOL POR IP TO NO VIS POR IP, FAINT ODOR, TR STAIN, NO FREE OIL
LS- LT CRM BFF, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, TR OOL, NO FLO, NO VIS POR
PAWNEE 4435' (-1532')
LS- WHT LT CRM, BRITT, F/VF-XLN, SUB-SUCRO MTRX IP TO SUB-CHLKY, SFT WHT CHLK IP, OOL IP, NO FLO, TR INTER-XLN POR TO NO VIS POR, NO STAIN, NO ODOR
C1
C2
0 TG, C1-C5 CN 500
50 U BG
CN
CN
C1
CN
C2
CN
MUD CHECK @ 4355'
WT 9.3
VIS 54
LCM 4#
PV 17
YP 20
PH 10.0
FIL 7.2
CHL 1,600
CAL 40
55 U SHOW
CN
0 TG, C1-C5 500
83 U SHOW
CN
CN


-CFS-
WT 9.1
VIS 65
LCM 4#
RPM 78
WOB 40K
PP 1000
SPM 58
0
ROP (min/ft)
10
-CFS-
-CFS-
-CFS-
WT 9.1
VIS 65
LCM 4#
RPM 78
WOB 40K
PP 1000
4500
4550
4600
4650
4700
F
FT. SCOTT 4462' (-1559')
LS- CRM LT CRM, BRITT TO DNS, VF-XLN TO TR F-XLN, RE-XLN MTRX TO TR SUB-SUCRO, TR OOL, V/DLL YEL FLO, FAINT SLO BLU STRM CUT, TR MICRO PP POR TO NO VIS POR, LT PATCHY STAIN, NO ODOR, NO FREE OIL
CHEROKEE 4479' (-1576)
LS- GY, HRD DNS, VF-XLN, RE-XLN MTRX THRU TO TR SUB-CHLKY, NO FLO, NO VIS POR
LS- DK TN, HRD DNS, VF-XLN, RE-XLN MTRX, TR OOL, GRANULAR TO SLI SNDY LS IP, DK GY/BLK SH STRINGERS, NO FLO, NO VI SPOR
LS- LT CRM, HRD DNS, VF-XLN, RE-XLN MTRX, OOL IP, TR IMBED GY SH, NO FLO, NO VIS POR
LS- LT TN CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO TO TR SUB-CHLKY, GRANULAR IP, NO FLO, NO VIS POR, TR LT STAIN, NO ODOR
SH- DK GY BLK, SFT TO FRM, BLKY, CARB
LS- CRM LT TN, HRD DNS TO BRITT IP, VF-XLN, SUB-SUCRO MTRX IP, TR V/SM FOSS FRAGS, NO FLO, NO VIS POR
ATOKA 4574' (-1671')
LS- DK GY, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, V/DK GY VIT CHRT IP, NO FLO, NO VIS POR
LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO IP TO TR SUB-CHLKY, CRM VIT CHRT IP, NO FLO, NO VIS POR
LS- TN LT BRN, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR
SH- GY BLK, FRM, BLKY, CARB IP
LS- GY TN WHT, MOTT, HRD DNS TO BRITT IP, VF-XLN, SUB-SUCRO MTRX IP TO TR RE-XLN, LAM DK GY SH IP, NO FLO, NO VIS POR
LS- GY WHT, HRD DNS TO BRITT IP, VF-XLN, SUB-CHLKY MTRX, IMBED DK GY/BLK SH, NO FLO, NO VIS POR
LS- DK GY WHT, HRD DNS, F/CRYPTO-XLN, RE-XLN MTRX, IMBED SH, NO FLO, NO VIS POR
MORROW 4666' (-1763')
SH- BLK, SFT TO FRM, FISS, GRNISH GY SLTST IP
3690' 60" SS- TN BLK GRN, TT, F-GRNS, GD SRT, SUB-RND GRNS, CALC CMNT, LMY, GRN SLTSY SS IP W/ GLAUC SCAT THRU, V/DLL YEL FLO, V/FAINT CUT, PR INTER-GRN POR, TR V/LT STAIN
SS- LT GY WHT, TT TO FRI, F-GRNS, FR SRT, SUB-RND TO RND GRNS, CALC CMNT, TR CHLK, 1 PIECE W/ LT TN STAIN & FAINT CUT, PR INTER-GRN POR, NO ODOR
MISSISSIPPIAN 4700' (-1797')
4703' LS- TN CRM, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, OOL IP, DLL YEL FLO, NO VIS CUT, SCAT LT TN STAIN, NS
LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX, OOL IP, SNDY LS IP (ST. GEN), NO FLO, NO VIS POR
110 U SHALE GAS
CN
CN
CN
12:00 A.M. 02/06/12
CN
CN
0
TG, C1-C5
500
CN
CN
CN
MUD CHECK @ 4686'
WT 9.1
VIS 52
LCM 4#
PV 16
YP 19
PH 10.0
FIL 7.2
CHL 1,500
CAL 40
90 U SHOW
CN


SPM 68
DST #1 4743' - 4761'
BIT #3
SMITH 7 7/8"
TYPE: F27I
SERIAL#: PT5588
3/14s
IN @ 4761'
-CFS-
4760
4800
4850
0
ROP (min/ft)
10
R.T.D. 4850'
L.T.D. 4845'
LS- BRN CRM, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR
LS- BRN, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, TR OOL, NO FLO, NO VIS POR
LS- CRM TN, BRITT, VF-XLN, ABDT OOL THRU, TR SFT WHT CHLK, SCAT BRIT YEL GLD FLO THRU, FR FLUSH TO FR SLO BLU STRM CUT, FR/GD INTER-OOL POR, TN STAIN SCAT THRU, FAIR ODOR
LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX, TR OOL, NO FLO, TR INTER-XLN POR TO NO VIS POR, NS
LS- LT TN, HRD DNS, VF-XLN, RE-XLN MTRX, WELL CMNT OOL SCAT THRU, NO FLO, NO VIS POR
LS- TN CRM, HRD DNS, VF-XLN, RE-XLN MTRX TO TR SUB-SUCRO, OOL IP, NO FLO, NO VIS POR
LS- DK TN, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRSX IP, NO FLO, NO VIS POR
LS- TN DK TN, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, DK GY SH STRINGERS, NO FLO, NO VIS POR
TD @ 7:00 A.M. 02/08/11
CTCH 1 HR.
T.O.H. FOR LOGS
CN
STRAP @ 4761' 1.71'
SHORT TO BOARD
72 U SHOW
12:00 A.M. 02/07/12
CN
MUD CHECK @ 4761'
WT 9.3
VIS 51
LCM 4#
PV 16
YP 19
PH 9.0
FIL 7.2
CHL 1,900
CAL 60
180 U BG
CN
12:00 A.M. 02/08/12
TG, C1-C5
500
CN
MUD CHECK @ 4850'
WT 9.4
VIS 52
LCM 4#
PV 16
YP 19
PH 9.0
FIL 6.0
CHL 2,100
CAL 60