



KANSAS CORPORATION COMMISSION 1099559
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 32701
Name: C & G Drilling, Inc.
Wellsite Geologist: TOM PRONOLD
Purchaser: NA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>09/27/2012</u>	<u>10/04/2012</u>	<u>10/04/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-197-20298-00-00

Spot Description: _____
SE NE NW SW Sec. 24 Twp. 14 S. R. 9 East West

2305 Feet from North / South Line of Section

1310 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Wabaunsee

Lease Name: STARLA Well #: 1-24

Field Name: UNNAMED

Producing Formation: NA

Elevation: Ground: 1462 Kelly Bushing: 1459

Total Depth: 3500 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 319 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: 1000 ppm Fluid volume: 0 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 11/07/2012



1099559

Operator Name: L. D. Drilling, Inc. Lease Name: STARLA Well #: 1-24
Sec. 24 Twp. 14 S. R. 9 [X] East [] West County: Wabaunsee

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [X] Yes [] No (Attach Additional Sheets)
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
Electric Log Submitted Electronically [X] Yes [] No (If no, Submit Copy)
List All E. Logs Run:
BOREHOLE COMPENSATED SONIC LOG
DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
[X] Log Formation (Top), Depth and Datum [] Sample
Name Attached Top Attached Datum Attached

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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.
Row 1: SURFACE, 12.25, 8.625, 23, 319, COMMON, 225, 3%CC, 1/4# CF

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.
Rows: Perforate, Protect Casing, Plug Back TD, Plug Off Zone

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
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: [] Yes [] No
Date of First, Resumed Production, SWD or ENHR. Producing Method: [] Flowing [] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: [] Vented [] Sold [] Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [] Perf. [] Dually Comp. (Submit ACO-5) [] Commingled (Submit ACO-4) [] Other (Specify)
PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	STARLA 1-24
Doc ID	1099559

Tops

BASE KANSAS CITY	1994	-535
MARMATON	2082	-623
CHEROKEE SHALE	2236	-777
BURGESS SAND	2561	-1102
MISSISSIPPIAN	2588	-1129
KINDERHOOK	2879	-1420
MISNER	3047	-1588
HUNTON	3050	-1591



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 06999 A

24-145-9E

DATE _____ TICKET NO. _____

DATE OF JOB 10-4-12		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER L.D. Drilling, Inc.				LEASE Starla				WELL NO. 1-24	
ADDRESS				COUNTY Wabaunsee				STATE Kansas	
CITY				STATE				SERVICE CREW C. Messick; M. Mattal; D. Phye	
AUTHORIZED BY				JOB TYPE: C. N. W. - Plug To Abandon					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 10-4-12 AM 12:30			
37216	4					ARRIVED AT JOB AM 5:30			
19,903-19,905	4					START OPERATION AM 5:45			
						FINISH OPERATION AM 9:15			
70959-19,918	4					RELEASED 10-4-12 AM 9:30			
						MILES FROM STATION TO WELL 175			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Duke Coulter
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 103	60/40 Poz Cement	sk	175	\$	2,100 00
P CC 200	Cement Gel	Lb	302	\$	75 50
P E 100	Pickup Mileage	mi	175	\$	743 75
P E 101	Heavy Equipment Mileage	mi	350	\$	2,450 00
P E 113	Bulk Delivery	tm	1,321	\$	2,114 00
P CE 204	Cement Pump: 300 Feet To 4,000 Feet	hrs	4	\$	2,160 00
P CE 240	Blending and Mixing Service	sk	175	\$	245 00
P S 003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		\$ 7,547 44
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: James R. M. said THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Duke Coulter
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer E.D. Drilling, Inc.	Lease No.	Date 10-4-12
Lease Starla	Well # 1-24	
Field Order # 5999	Station Pratt, Kansas	Casing 4 1/2 Drill Pipe
Type Job C.N.W. - Plug To Abandon	Formation	Legal Description 24-145-9E
		County Wabaunsee State Kansas

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 4 1/2 Drill Pipe	Tubing Size	Shots/Ft		200 Sacks 60/40 Poz	DATE 10/4/12	PRESS 480 psi	SIP 480 psi
Depth	Depth	From	To	13.8 13.8Lb./Gal.	Max 6.92 Gal./sk.	5 Min. 1.43 CU. FT./sk.	
Volume	Volume	From	To		Min	10 Min.	
Max Press	Max Press	From	To		Avg	15 Min.	
Well Connection X-Hole	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Drilling mud and Fresh Water	Gas Volume		Total Load

Customer Representative Duke	Station Manager David Scott	Treater Clarence R. Messick
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Service Units 37,216	19,903	19,905	70,959	19,918				
Driver Names Messick	Mattal	Phye						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:30					Truckson location and hold safety meeting.
					Drill Pipe in well upon arrival. 3,460 Feet
5:40		400		5	start Fresh water Pre-Flush.
			20	5	start Mixing 25 sacks cement.
			26.5	5	start Fresh water Displacement.
			36.5	5	start Drilling mud Displacement.
6:00		-	75.5		stop pumping.
					2nd/ Plug 1,580 Feet 25 sacks cement
7:05		200		5	start Fresh water pre-Flush.
			20	5	start Mixing 25 sacks cement.
			26.5	5	start Fresh water Displacement.
7:15		-	36.5		stop pumping.
					3rd/ Plug 350 Feet. Circulate cement to surface
8:20		-		3	Start mixing cement.
					Cement Circulated to surface.
8:30			15		Stop pumping.
					Pull Drill pipe out of well.
8:30		-	19		Top off well.
		-	5	3	Plug Mouse Hole
					Put Rat Hole cement on ground.
					Wash up pump truck.
9:00					Job Complete



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

24-145-9E

FIELD SERVICE TICKET

1718 06996 A

DATE _____ TICKET NO. _____

DATE OF JOB 9-27-12		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:					
CUSTOMER L.D. Drilling, Incorporated		LEASE Starla		WELL NO. 1-24					
ADDRESS		COUNTY Wabaunsee		STATE Kansas					
CITY		STATE		SERVICE CREW Messick, E. Wright, S. Young					
AUTHORIZED BY		JOB TYPE: C.N.W. - Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 9-27-12	AM/PM	TIME 2:00
37216	.75					ARRIVED AT JOB		AM/PM	5:00
33708-20920	.75					START OPERATION		AM/PM	10:15
19960-21010	.75					FINISH OPERATION		AM/PM	11:00
						RELEASED	9-27-12	AM/PM	11:15
						MILES FROM STATION TO WELL			175

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Mark Coulter
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 100C	Common Cement	sk	225	\$	3,600.00
P CC 102	Cell Plate	Lb	57	\$	210.90
P CC 109	Calcium Chloride	Lb	424	\$	445.20
P E 100	Pickup Mileage	mi	175	\$	743.75
P E 101	Heavy Equipment Mileage	mi	350	\$	2,450.00
P E 113	Bulk Delivery	tm	18.55	\$	2,968.00
P CE 200	Cement Pump: 0 Feet To 500 Feet	hrs	4	\$	1,000.00
P CE 240	Blending and Mixing Service	sk	225	\$	315.00
P S 003	Service Supervisor	hrs	8	\$	175.00

SUB TOTAL

DLS \$ 8,930.89

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Arden R. Wood

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Mark Coulter

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	L. D. Drilling, Inc.	Lease No.		Date	9-27-12			
Lease	Starla	Well #	1-24					
Field Order #	6496	Station	Pratt, Kansas	Casing	8 5/8 23lb	Depth	319 Feet	
Type Job	C.N.W. - Surface		Formation		County	Wabaunsee	State	Kansas
						Legal Description	24-145-9E	

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME					
Casing Size	8 5/8 23lb/ft	Tubing Size	4 1/2 11.3	Shots/Ft		ADD	225 sacks Common	W/T	11.2	CaCl ₂ / M Chloride	25lb/50
Depth	319 Feet	Depth		From	To	Pre Cure	5.23 Gal	Max	1.2	Occu. FT/50	cell flat
Volume	20.4 Bbl	Volume		From	To	Rate		Min			10 Min.
Max Press	100 PSI	Max Press		From	To	Rate		Avg			15 Min.
Well Connection	3 1/8 SW 3/4	Annulus Vol.		From	To			HHP Used			Annulus Pressure
Plug Depth	324 feet	Packer Depth		From	To	Flush	19.5 Bbl Fresh	Gas Volume			Total Load

Customer Representative	Duke	Station Manager	David Scott	Treater	Clarence R. Messick
Service Units	37216	33708	20920	19960	21010
Driver Names	Messick	Wright	Young		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Trucks on location and hold safety meeting.
9:00					Card S Drilling start to run 7 Joints new 23lb/ft 8 5/8" casing.
10:08					Casing in well. Circulate for 5 minutes.
10:15	-0-			5	Start Fresh water Pre-Flush.
	100		10	5	Start mixing 225 sacks common cement.
	100		68	5	Start Fresh water Displacement.
10:30	100		87.5		Plug down. Shut in well.
					Circulated 15 sacks cement to the pit.
					Wash up pump truck.
11:15					Job Complete.
					Thank You.
					Clarence, Eric, Steve

DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name STARLA #1-24
Unique Well ID DST #1, SIMPSON SD., 3365-3396
Surface Location SEC24-14S-9E, WABAUNSEE CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, SIMPSON SD., 3365-3396
Well Fluid Type 01 Oil

Start Test Date 2012/10/03
Final Test Date 2012/10/03

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2012/10/03
Prepared By TIM VENTERS

Qualified By TOM PRONOLD

Start Test Time 11:54:00
Final Test Time 17:04:00

Test Recovery:

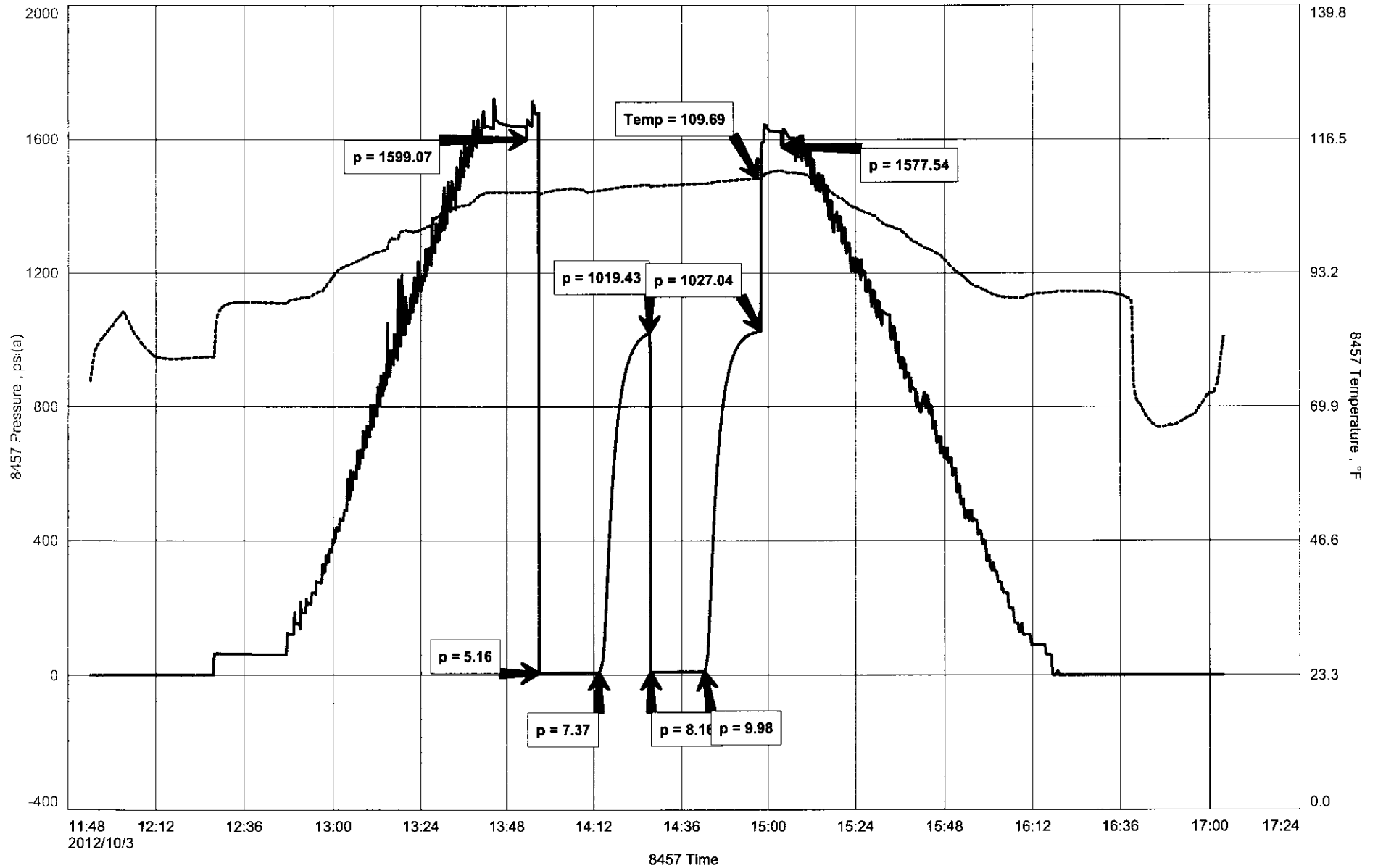
RECOVERED: 10' MUD

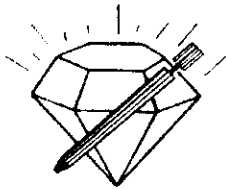
TOOL SAMPLE: TRACE OIL, 100% MUD

L.D. DRILLING, INC.
DST #1, SIMPSON SD., 3365-3396
Start Test Date: 2012/10/03
Final Test Date: 2012/10/03

STARLA #1-24
Formation: DST #1, SIMPSON SD., 3365-3396
Pool: WILDCAT
Job Number: T103

STARLA #1-24





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: STARLA1-24DST1

TIME ON: 11:54
 TIME OFF: 17:04

Company L.D. DRILLING, INC. Lease & Well No. STARLA #1-24
 Contractor C&G DRILLING, INC. RIG #2 Charge to L.D. DRILLING, INC.
 Elevation 1459 KB Formation SIMPSON SD. Effective Pay _____ Ft. Ticket No. T103
 Date 10-3-12 Sec. 24 Twp. _____ 14 S Range _____ 9E W County WABAUNSEE State KANSAS
 Test Approved By TOM PRONOLD Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3365 ft. to 3396 ft. Total Depth 3396 ft.
 Packer Depth 3360 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3365 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3346 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 3393 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 212 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,000 P.P.M. Drill Pipe Length 3120 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 31 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: VERY WEAK SURFACE BLOW THROUGHOUT PERIOD. (NOBB)
 2nd Open: VERY WEAK SURFACE BLOW THROUGHOUT PERIOD. (NOBB)

Recovered <u>10</u> ft. of <u>MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>TRACE OIL, 100% MUD</u>	Total

Time Set Packer(s) 1:56 PM A.M. P.M. Time Started Off Bottom 2:56 PM A.M. P.M. Maximum Temperature 110 deg.
 Initial Hydrostatic Pressure (A) 1599 P.S.I.
 Initial Flow Period Minutes 15 (B) 5 P.S.I. to (C) 7 P.S.I.
 Initial Closed In Period Minutes 15 (D) 1019 P.S.I.
 Final Flow Period Minutes 15 (E) 8 P.S.I. to (F) 10 P.S.I.
 Final Closed In Period Minutes 15 (G) 1027 P.S.I.
 Final Hydrostatic Pressure (H) 1578 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.

Thomas G. Pronold
Consulting Geologist

Well Name	Starla 1-24	API No.	15-197-20298
Surface Location	2305 FSL 1310 FWL	Surface EL	1450
Bottom Location		KB Elev.	1459
Spud Date	September 27, 2012	Logged Interval	RTD to 1500
Drilling Completed	10/4/2012	Mud Up / Type	1500' / Chemical

OPERATOR

Company L.D. Drilling, Inc.
Address 7 SW 26th Avenue, Great Bend, KS

CONTRACTOR

Contractor C & G Drilling Rig 2
Rig Number Rig 2
Rig Type Vertical Rotary
Spud Date September 27, 2012
TD Date October 4, 2012

CASING SUMMARY

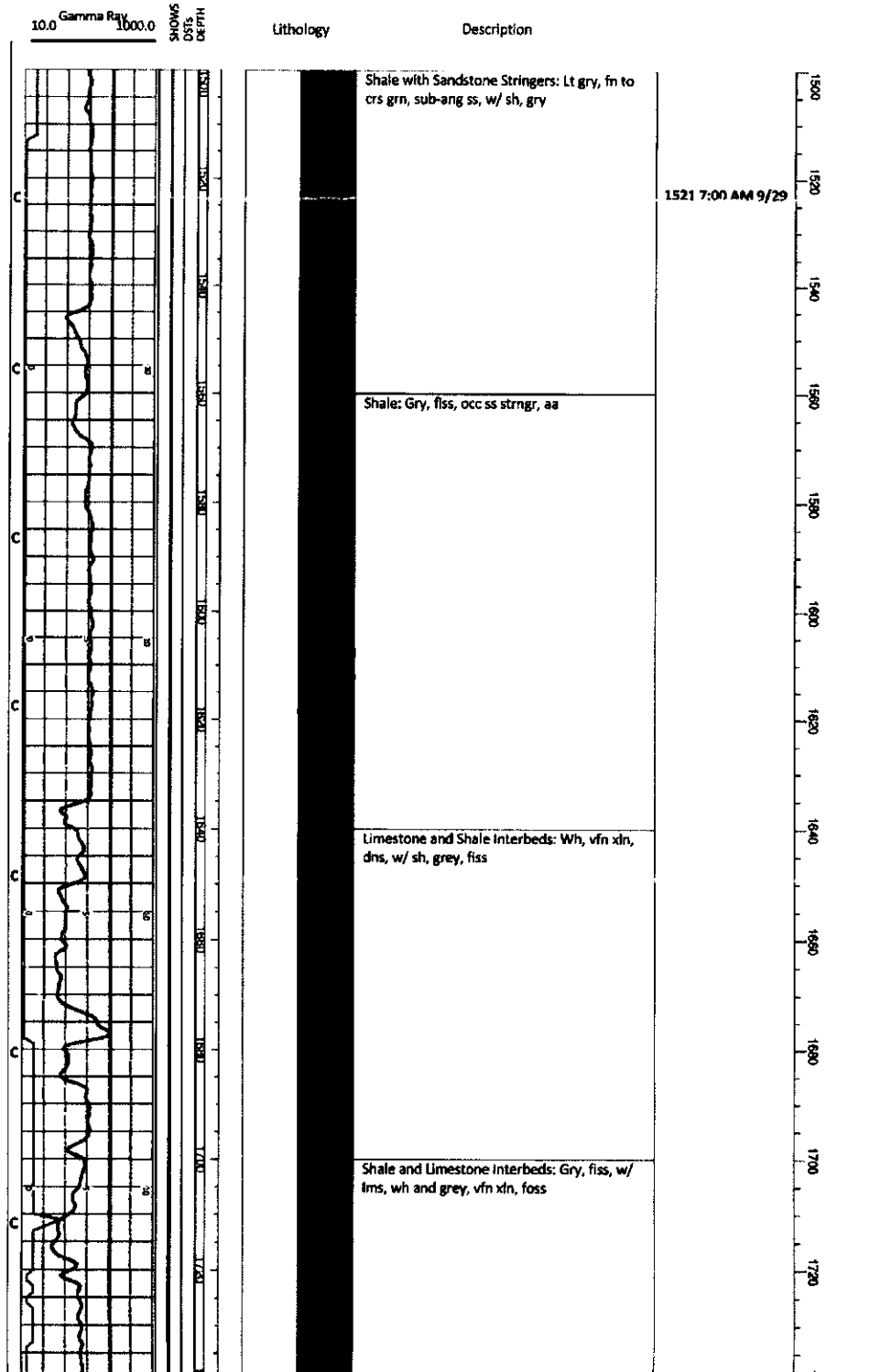
Surface Casing
Size 8 5/8"
Weight/Type 24# New
Setting Depth 301'
Cement 225 Sx Common, 2% CaCl, .25# Cell Flake

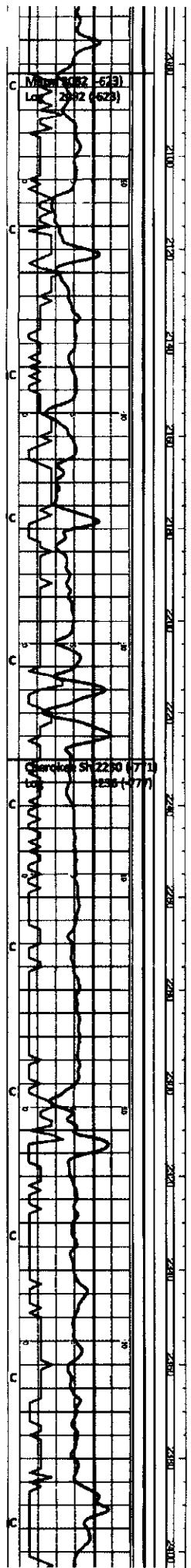
BIT RECORD

Surface 12 1/2" Varrell CH 27 RR 0-310'
PDC 7 7/8" Varrell MKS66 RB 310-2020'
Tri-Cone Hughes EP66455 RR

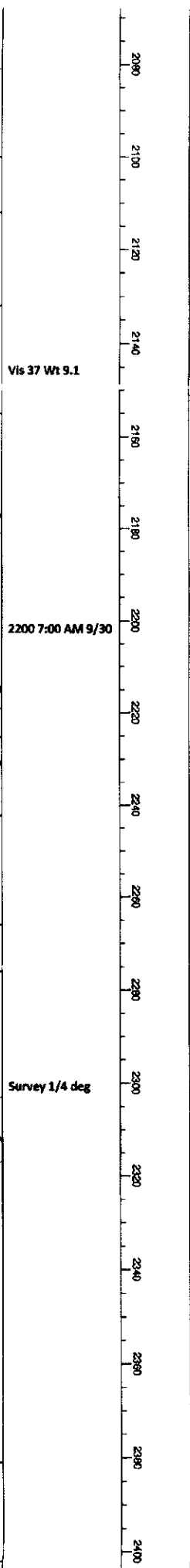
0.1 ROP
min/hr 10.0

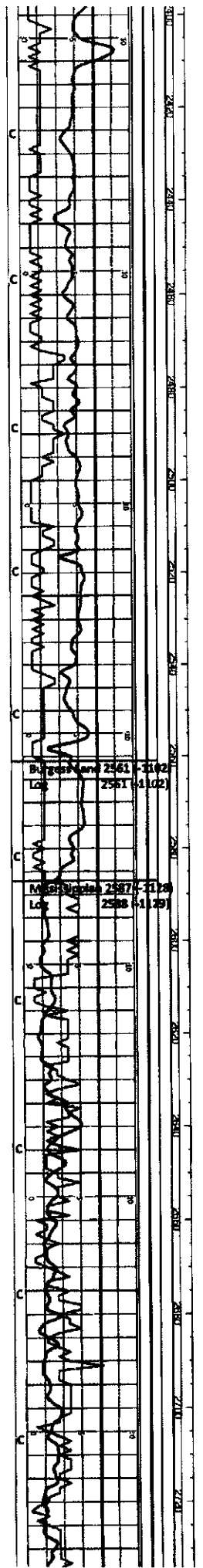
10.0 Gamma Ray
1000.0



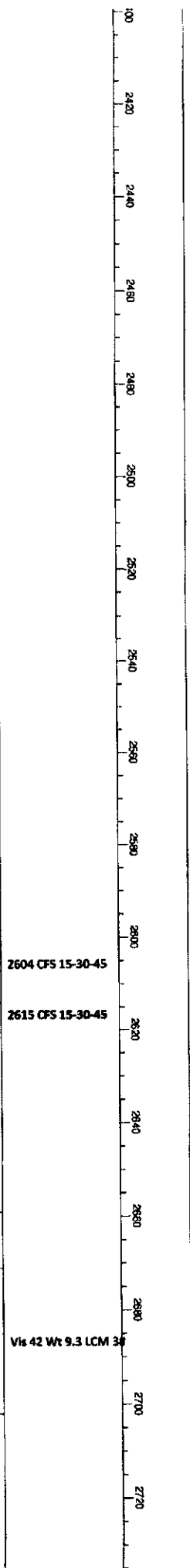


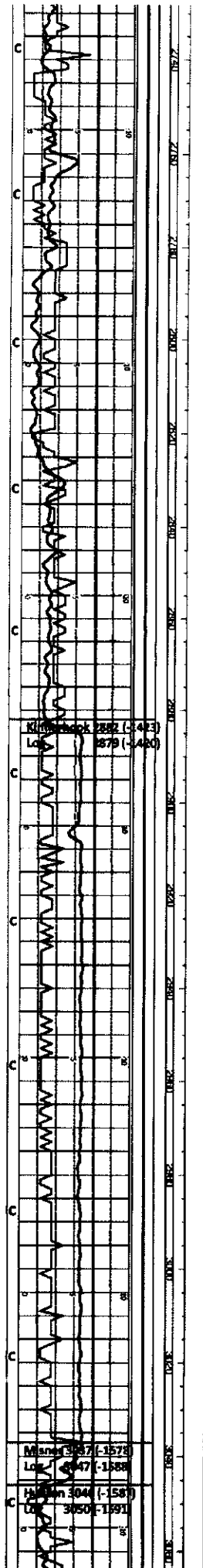
2080	Limestone and Shale Interbeds: Lt tn, fr-m xln, dns
2100	Shale: Gry, gm, brn
2120	Limestone and Shale Interbeds: Lt tn, gry, vfxln, dns,
2140	Shale and Limestone Interbeds: Gry, lt gry, w/ lms, lt tn, vfn xln, dns
2160	Limestone and Shale Interbeds: Lt tn-tn mott, crs gm, dns, tr glauc
2180	Shale Black
2190	Shale and Limestone Interbeds: Gry, lt gry, fiss, w/ lms tn-lt tn, vfn xln, dns
2200	2200 7:00 AM 9/30
2220	Shale Black
2230	Limestone: Tn-brn, fn grn, dns
2240	Shale Black
2250	Sand and Silt: Lt gry, vfn grn, sub-ang, shly, w/ sh, lt gry
2260	Shale: Gry, lt gry, fiss
2280	Limestone: Tn, brn, med gm, dns
2290	Shale: Gry, dk gry, sity
2300	Survey 1/4 deg
2320	Limestone: Tn, brn, fn grn, dns
2340	Shale Black
2360	Limestone and Shale Interbeds: Brn, tn, fn gm, dns, w/ sh, gry, dk gry
2380	Sand and Silt: Ly gry, fn grn, shly, coal seams
2400	





2400 - 2450	Shale with Sandstone Stringers: Gry, lt gry, w/ ss strngs, lt gry, vfn grn, sub ang, Ca cmt, ns
2450 - 2460	Sand: Wh, lt gry, vfn grn, Ca cmt, ns, w/sh, gry, dk gry
2460 - 2470	Sand and Silt: SS a/a w/ inc in sh, dk gry, gry
2470 - 2500	Limestone and Shale Interbeds: Tn, brwn, f-m grn, dns, w/ sh, gry, dk gry, fiss
2500 - 2520	Shale: Drk gry, gry, silty
2520 - 2550	Shale and Limestone Interbeds: Drk gry, gry sh w/ lms, tn, fn grn, dns
2550 - 2580	Shale with Sandstone Stringers: Drk gry, gry sh w/ ss, lte gry, f-mgrn, sub ang, Ca cmt, ns
2580 - 2600	Limestone: Wh, crs grn, foss, ool, dns, prt chky, tr glauc, 1 gas bubble (?)
2600 - 2615	Oolitic Limestone: Wh, crs grn, ool, por, ns
2615 - 2630	Dolomitic Limestone: Lt tn, vfn xln, dns, w/ lm, wh, fn xln
2630 - 2650	Dolomitic Limestone: Lt tn, fn xln, dns, glauc, w/ lms, tn, wh, fn xln
2650 - 2680	Dolomite: Lt tn, fn xln, suc, dns, glauc w/ cht, wh, op
2680 - 2720	Limestone: Lt tn, crs grn, dns





Chert: Hood, bright, wh, cht, frsh, op

Cherty Limestone: Wh, v fn xln, dns, w/ cht, brt wh, frsh, op

Dolomitic Limestone: Lt tn, fn xln, suc in part, dns

Shale: Drk gry, fss

Limestone: Tn-brn mott, frxn, dns shly

Oolitic Limestone: Tn-brn, mott, fn-med grn, ool

Shale and Limestone interbeds: Gry-grn, w/lms, brn, frxl

Shale: Gry, grn & mar

Shale: Lt gry, grn

Dolomite: Gry-brn, frxn, micaceous

Shale: Gry

Dolomite: Wh, lt tn, med, gd por, ns

Dolomite: Wh, vfn xln, dns, w/ ch, wh, frsh, concoidal frac

2740 7:00 AM 10/01

2780

2790

2800

2820 Vis 39 Wt 9.3 LCM 3.5

2840

2860

2880 Vis 38 Wt 9.2 LCM 3

2900

2920

2940

2960

2980 Vis 43 Wt 9.2 LCM 6

3000

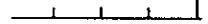
3020

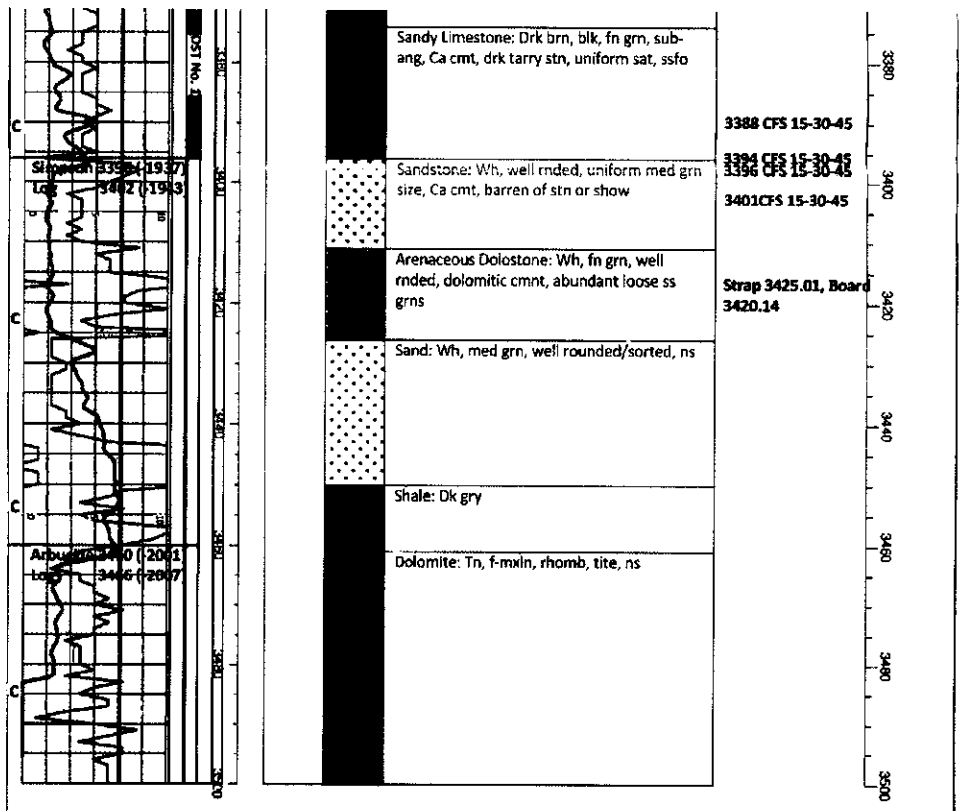
3040

3050 3057 CFS 15-30-45

Mined 3047 (-1578)
 Log 3047 (-1588)
 Mined 3044 (-1587)
 Log 3050 (-1591)

20 33

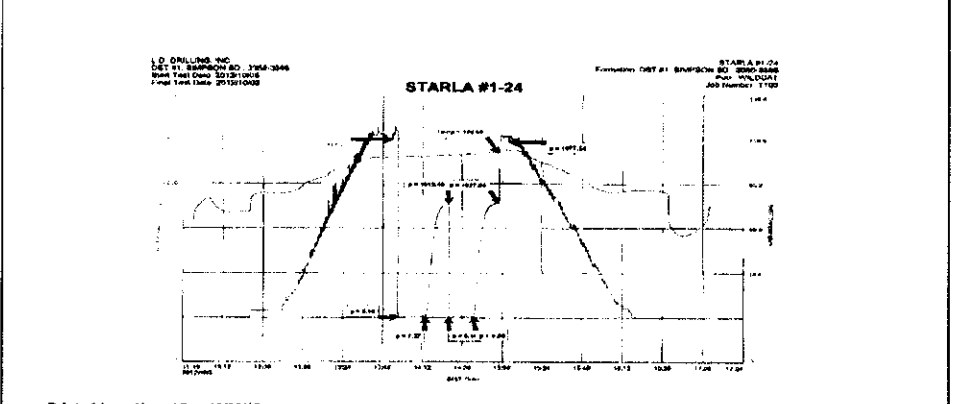




Total Depth = 4830 3500

L. D. Drilling, Inc.				Anadarko			
Starla 1-24				Unruh "D" No. 1			
KB	1459	Sample	Pos.	F. Log	Pos.	KP 1477	
Base KC	2007	-548	-7	1994	-535	6	2018 -541
Marm	2082	-623	-2	2082	623	-2	2098 -621
Cherokee Sh	2230	-771	-6	2236	-777	-12	2242 -765
Burgess Sand	2561	-1102	13	2561	-1102	13	2592 -1115
Mississippian	2587	-1128	13	2588	-1129	12	2618 -1141
Kinderhook	2882	-1423	-8	2879	-1420	-5	2892 -1415
Misner	3037	-1578	-8	3047	-1588	-18	3047 -1570
Hunton	3046	-1587	-8	3050	-1591	-12	3056 -1579

DST Information Table
 DST 1 3365-3396 Simpson 15-15-15-15 IF and EF: Very weak SB throughout. Rec. 10' M IHP:
 1599# IFP: 5-7#, ISIP: 1019# FFP: 8-10#, FSIP: 1027# FHP: 1578# Cl 1,000 PEM BHT 110 deg.



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