



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1113643
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: _____



1113643

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: 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: <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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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

February 05, 2013

Marge Schulte
Farmer, John O., Inc.
370 W WICHITA AVE
PO BOX 352
RUSSELL, KS 67665-2635

Re: ACO1
API 15-167-23840-00-00
Dumler A 1
SE/4 Sec.05-13S-15W
Russell 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,
Marge Schulte



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: John O. Farmer, Inc. Lic# 5135 Contractor: Discovery Drilling Co., Inc. LIC#31548
370 West Wichita Avenue - P.O. Box 352 PO Box 763
Russell, KS 67665 Hays, KS 67601

Lease: Dumler "A" # 1 Location: 1220 FSL - 1390 FEL
NE/NE/SW/SE
Section 5/ 13S/ 15W
Russell County, KS

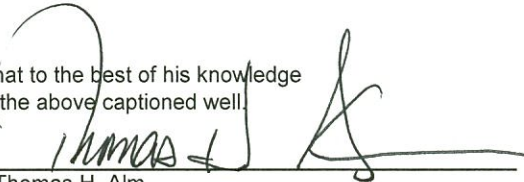
Loggers Total Depth: 3281' API#15- 167-23,840-00-00
Rotary Total Depth: 3280' Elevation: 1847 GL / 1855 KB
Commenced: 12/3/2012 Completed: 12/8/2012
Casing: 8 5/8" @ 222'W/150sks Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>958'</u>
Dakota Sand	<u>351'</u>	Shale & Lime	<u>1563'</u>
Shale	<u>410'</u>	Shale	<u>2020'</u>
Cedar Hill Sand	<u>447'</u>	Shale & Lime	<u>2500'</u>
Red Bed Shale	<u>659'</u>	Lime & Shale	<u>2976'</u>
Anhydrite	<u>927'</u>	RTD	<u>3280'</u>
Base Anhydrite	<u>958'</u>		

STATE OF KANSAS))
) ss
COUNTY OF ELLIS))

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

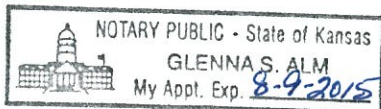

Thomas H. Alm

Subscribed and sworn to before me on 12-10-12

My Commission expires: 8-9-2015

(Place stamp or seal below)


Notary Public



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6239

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-4-12	5	13	15	Russell	KS		2.45 AM

Location Graham Black top 4 N West into

Lease <u>Dumlek A</u>	Well No. <u>1</u>	Owner	
Contractor <u>Discovery 2</u>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Type Job <u>Surface</u>	Charge To <u>J.P. Farmer</u>		
Hole Size <u>12 1/4</u>	T.D. <u>222</u>	Street	
Csg. <u>8 5/8</u>	Depth <u>222.13</u>	City	
Tbg. Size	Depth	State	
Tool	Depth <u>17.34 BBL</u>	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg. <u>20ft</u>	Shoe Joint <u>20ft</u>	Cement Amount Ordered <u>150 3% CC 290 gal</u>	

Meas Line Displace

EQUIPMENT			
Pumptrk <u>5</u>	No.	Cementer <u>Walt</u>	Common <u>150</u>
		Helper	Poz. Mix
Bulktrk <u>8</u>	No.	Driver <u>Ble H</u>	Gel. <u>3</u>
		Driver	Calcium <u>5</u>
Bulktrk <u>pu</u>	No.	Driver <u>Konnie W</u>	

JOB SERVICES & REMARKS		
Remarks:		Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38
		Sand
		Handling <u>158</u>
		Mileage

Cement did cure

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge <u>Surface</u>
Mileage <u>13</u>

Signature <u>Gene W...</u>	Tax
	Discount
	Total Charge

QUALITY OILWELL CEMENTING, INC.

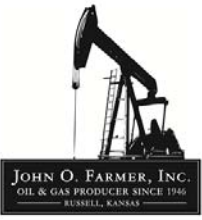
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6112

Date	12-8-12	Sec.	5	Twp.	13	Range	15	County	Russell	State	Ks	On Location		Finish	5:00AM	
Lease	Dumler A			Well No.	1		Owner	4 1/4 N, W Hnto								
Contractor	Discovery			#2			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Type Job	Plug					Charge To J.O. Farmer										
Hole Size	7 7/8"			T.D.	3280'		Street									
Csg.				Depth			City									
Tbg. Size	4 1/2" D.P.			Depth	940'		State									
Tool				Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.				Shoe Joint			Cement Amount Ordered 160 SX 60/40 4% Gel 1/4#									
Meas Line				Displace	H2O 1000		Flo-seal									
EQUIPMENT							Common 96									
Pumptrk	15	No.		Cementer	Nick		Poz. Mix 64									
Bulktrk	10	No.		Driver	Billy		Gel. 6									
Bulktrk	P.W.	No.		Driver	Rick		Calcium									
JOB SERVICES & REMARKS							Hulls									
Remarks:								Salt								
Rat Hole								Flowseal 50#								
Mouse Hole								Kol-Seal								
Centralizers								Mud CLR 48								
Baskets								CFL-117 or CD110 CAF 38								
D/V or Port Collar								Sand								
	940' - 25 SX							Handling 166								
	475' - 80 SX							Mileage								
	40' - 10 SX w/ plug							FLOAT EQUIPMENT								
	Rathole - 30 SX							Guide Shoe								
	Mousehole - 15 SX							Centralizer								
	Cement did Circulate.							Baskets								
								AFU Inserts								
								Float Shoe								
								Latch Down								
								w/ 1 - Dry hole plug								
								Pumptrk Charge plug								
								Mileage 13								
												Tax				
												Discount				
												Total Charge				
Signature <i>Steve Wick</i>																



AUSTIN B. KLAUS



Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

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

Well Name: Dumler A #1
Location: Russell County
License Number: API #15-167-23,840-0000
Spud Date: 12/3/2012
Surface Coordinates: Section 5 - Township 13 South - Range 15 West
1,220' FSL & 1,390' FEL
Bottom Hole Coordinates: Vertical well with minimal deviation, same as above
Ground Elevation (ft): 1,847' K.B. Elevation (ft): 1,855'
Logged Interval (ft): 2,700' To: RTD Total Depth (ft): 3,280'
Formation: Topeka-LKC
Type of Drilling Fluid: Chemical (Andy's)

Region: Kansas

Drilling Completed: 12/7/2012

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

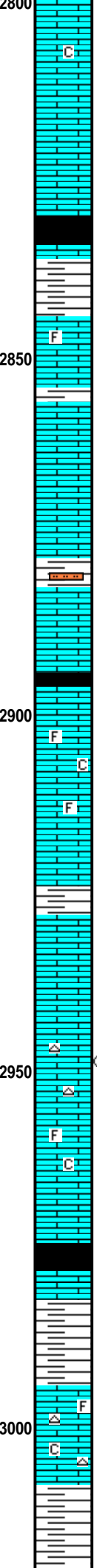
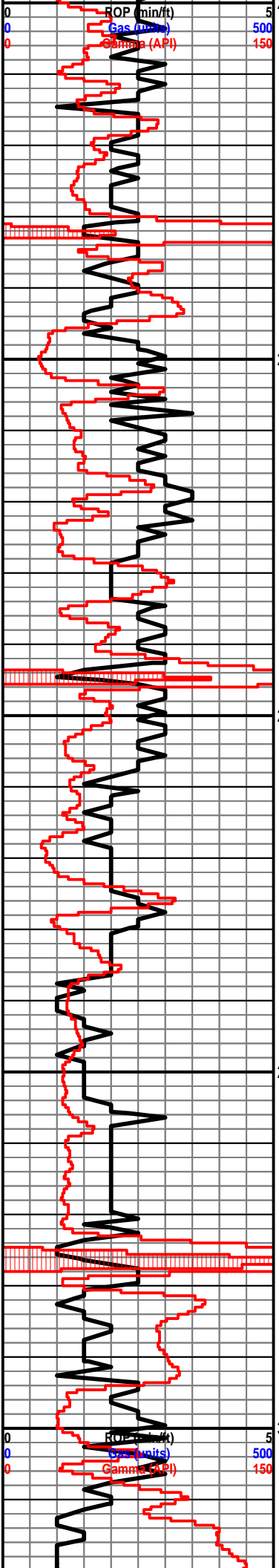
OPERATOR

Company: John O. Farmer, Inc.
Address: P.O. Box 352
Russell, KS 67665-0352

Comments

The Dumler A #1 well was drilled by Discovery Drilling Rig #2(Tool Pusher: Terry Wickham).

The location for the Dumler A #1 well was found via 3-D seismic survey. Based on the results of the samples and wireline logs that were evaluated, the decision was made to plug and abandon the Dumler A #1 well on 12/8/12.



Ls: tan-gry, fn-sub xln, sl chalky

Ls: ala

King Hill 2831' (-976)

Sh: drk gry-blk

Sh: drk gry

Ls: tan-gry, fn-sub xln, sl fossil

Ls: ala

Sh,Slst: gry-brn

Queen Hill 2893' (-1038)

Sh: drk gry-blk, carb

Ls: tan-brn-gry, fn xln, sl chalky, fossil

Ls: ala

Ls: off wh-lt gry, fn-sub xln, mostly DNS, sl fossil

Ls: off wh-lt gry, fn xln, poor int xln porosity, VSSFO, sl odor, chrt off wh

Ls: tan-brn, fn-sub xln, sl fossil, chalky

Heebner 2973' (-1118)

Sh: blk, carb, fissile

Ls: tan-gry, fn-sub xln, sl fossil, chalky

Sh: drk gry

Toronto 2993' (-1138)

Ls: off wh-tan, fn xln, poor int xln porosity, fossil, chalky, sl chrt-off wh

Sh: lt gry-brn-grn, soft

Sh: ala

Lansing 3027' (-1172)

A

Ls: off wh-tan, fn xln, sl fossil, chalky, NSFO, mostly DNS

B

Sh: gry-brn-grn, soft

Ls: off wh-brn, fn xln, sl chalky, sl fossil, chert

C

3050

Ls: off wh-tan, fn xln, poor int xln porosity, sl fossil, sl chert, chalky, VSSFO, sl odor

Sh: gry-brn-blk, soft

D

Ls: off wh-lt gry, fn xln, poor-fair int xln & pp vuggy porosity, SSFO, fair odor, sl fossil, chert-off wh

Sh: drk gry-grn

E

3100

Ls: off wh-lt gry, fn xln, poor pp vuggy porosity, lt oil st, sl chert, sl odor

F

12/7/12 @ 7:00am
Drilling, 3,115'

Ls: off wh, fn xln, poor-fair int xln & pp vuggy porosity, lt-fair oil st in porosity, SSFO, fair odor

G

Ls: off wh-tan, fn xln, ool w/ fair oom porosity, vry lt oil st in porosity, mostly barren, sl odor, chert-off wh

Muncie Creek 3140' (-1285)

H

Sh: drk gry-blk, carb

3150

Sh: ala

Ls: tan-lt gry, fn-sub xln, sl fossil, sl chalky, chert-off wh

I

Ls: off wh-tan, fn xln, poor int xln porosity, sl oil st in porosity, sl odor, chert-off wh, chalky

J

3200

Sh: drk gry-grn

Ls: off wh-tan, fn xln, poor-fair int xln porosity, oil st in porosity, SSFO, fair odor, chert-off wh

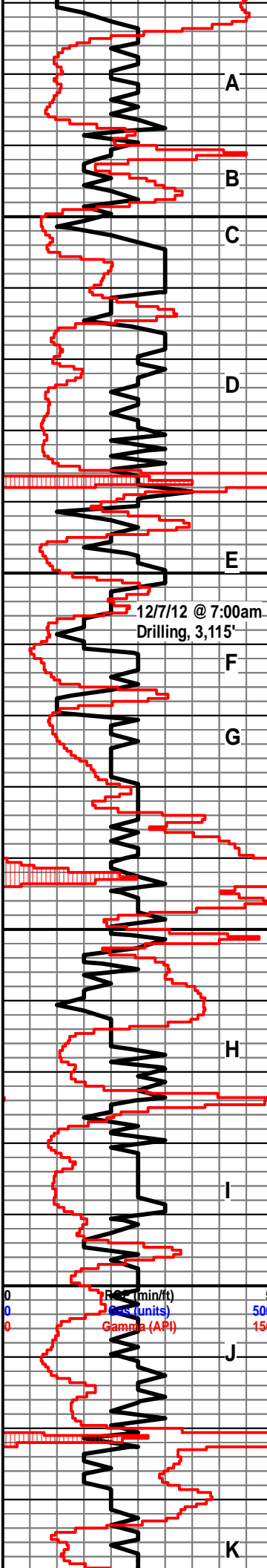
Stark 3220' (-1365)

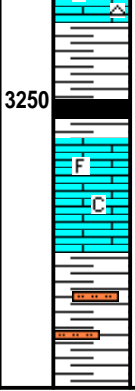
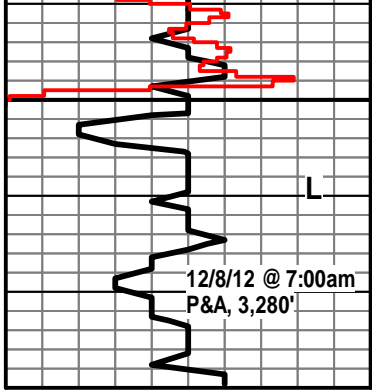
K

Sh: drk gry-blk, carb

Sh: drk gry-brn-grn

Ls: tan-brn-lt gry, fn xln, poor int xln porosity, vry sl oil st in porosity, chert-off wh, sl odor, sl





chalky, fossil

Hushpuckney 3251' (-1396)
Sh: blk, carb

Ls: off wh-tan, fn xln, fossil, chalky

BKC 3266' (-1411)

Sh,sltst: gry-brn-grn, soft

RTD 3280' (-1425)