

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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27TH
Box 92
A, KS 67045
) 583-5561



Cement or Acid Field Report
Ticket No. **6203**
Foreman David Gardner
Camp Eureka

C46
Drig.
Rig #1

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-22	1423	T. Wiebe #31-10	31	23 S.	5 E.	Butler	KS
Customer	Safety Meeting		Unit #	Driver	Unit #	Driver	
EPOC, LLC	DG		105	Jason			
Mailing Address	JH		112	Broker			
313 E. Aaron Dr.	BW						
City	State	Zip Code					
Andover	KS	67002					

Job Type Surface Hole Depth 248' K.B. Slurry Vol. 72 Bbl Total Tubing 1" Hydril
 Casing Depth 237.25' B.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" 23" Cement Left in Casing 20' +/- Water Gal/SK _____ Other _____
 Displacement 14 1/2 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig had circulation trouble from approximately 100' to T.D. Run 8 5/8" casing. Cement Basket 80' below B.L. Rig up to 8 5/8 casing. Pump 5 Bbl fresh water ahead to catch pressure. Mixed 175 SKS Class A Cement w/ 3% Calcz, 2% Gel, 1/4" Fluosol/sk @ 15"/gal, yield 6.35 = 42 Bbl slurry (Mixed Hulls in w/ cement). Displace w/ 14 1/2 Bbl fresh water. Shut down. Close casing in. No returns while cementing. Wait 30 mins. Run 1" Hydril down annulus & tag cement basket. Mixed an additional 75 SKS cement w/ No returns. Out of cement. Pull 1" Hydril. Wait 2 1/2 HRS for more cement. Run 1" Hydril back down annulus & tag cement basket. Mixed additional 50 SKS cement. Good cement returns to surface. Shut down. Pull 1" Hydril. Well standing full after 30 mins. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	40	Mileage	4.20	168.00
C200	300 SKS	Class 'A' Cement	17.35	5205.00
C205	845#	Calcz 3%	.69	583.05
C206	565#	Gel 2%	.28	158.20
C209	75#	Fluosal 1/4"/SKS	2.60	195.00
C108B	14.1 Tons	Ton Mileage - Bulk Truck	1.40	789.60
C214	160#	Hulls (Mixed in w/ cement)	.55	88.00
C118	1	1" Hydril Rental	m/c	150.00
C606	1	8 5/8" Cement Basket	355.00	355.00
Thank You			Sub Total	8,581.85
			Less 5%	450.98
			6.5% Sales Tax	437.73

Authorization by Tim Gulick Title C46 Drig. Owner Total 8,568.60

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Box 92
EUREKA, KS 67045
(620) 583-5561



Cement or Acid Field Report
Ticket No. **6228**
Foreman Kevin McCoy
Camp EUREKA

*15-015-24159

C#6
D#19
R#1

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-21-22	1423	T. Wiebe 31-10	31	235	5E	Butler	Ks
Customer	Mailing Address		Safety Meeting	Unit #	Driver	Unit #	Driver
EPOC LLC	313 E. AARON DR.		KM AM SF	104	ALAN M.		
City	State	Zip Code		112	SHANNON F.		
Andover	Ks	67002					

Job Type Longstring Hole Depth 2639' LB Slurry Vol. 40 Bbl Longstring Tubing _____
 Casing Depth 2571.95' G.L. Hole Size 7 7/8 Slurry Wt. 13.8* Drill Pipe _____
 Casing Size & Wt. 5 1/2" 15.50* Cement Left in Casing 0' Water Gal/SK _____ Other _____
 Displacement 62.3 Bbl Displacement PSI 900 Bump Plug to 1400 PSI BPM _____

Remarks: SAFETY Meeting: used 5 1/2" 15.50* casing set @ 2571.95' G.L. Rig up to 5 1/2" casing.
BREAK CIRCULATION w/ 10.5 Bbl Fresh water. Mixed 125 SKS THICK Set Cement w/ 5" Kol-Seal/SK,
2" PhenoSeal/SK @ 13.8*/GAL, yield 1.80 = 40 Bbl Slurry. Wash out pump & lines. Shut down.
Release Latch down Plug. Displace Plug to Seat w/ 62.3 Bbl Fresh water. (First 30 Bbl w/ KCl)
FINAL Pumping Pressure 900 PSI. Bump Plug to 1400 PSI. Wait 2 mins. Release pressure. Float &
Plug Held. Good Circulation while Cementing. Job Complete. Rig down.

Centralizers on *1, 5, 10, 20, 28 Plug R.H. 20 SKS

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	40	Mileage	4.20	168.00
C 201	145 SKS	THICK Set Cement	22.55	3269.75
C 207	725 *	KOL-SEAL 5"/SK	.52 *	377.00
C 208	290 *	PHENOSEAL 2"/SK	1.45 *	420.50
C108B	7.78 TONS	TON Mileage	1.40	446.88
C 222	1.5 gals	KCL (IN First 30 Bbl Displacement water)	30.00	45.00
C 421	1	5 1/2 Latch down Plug	266.00	266.00
C 661	1	5 1/2 AFM Float shoe w/ Latch down	340.00	340.00
C 504	5	5 1/2 X 7 7/8 Centralizers	55.00	275.00
			Sub TOTAL	6,708.13
		THANK You	Less 5%	351.63
		AT	Sales Tax	324.56
		6.5%		

Authorization By Ray Gilbert Title _____ Total 6,681.06

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

10 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Phillips
 well
 Service

Cement or Acid Field Report
 Ticket No. **6267**
 Foreman Kevin McCoy
 Camp EUREKA

PI # 15-015-24159

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-8-22	1423	T. wiebe #31-10	31	235	5E	Butler	Ks
Customer			Unit #	Driver	Unit #	Driver	
EPOC, LLC			105	JASON H.			
Mailing Address			110	ALAN M.			
313 E. ARRON DR.							
City	State	Zip Code					
ANDOVER	Ks	67002					

Job Type <u>Squeeze</u>	Hole Depth <u>2639'</u>	Slurry Vol. <u>34 BBL</u>	Tubing <u>2 7/8" Eve</u>
Casing Depth <u>2571.95'</u>	Hole Size <u>7 7/8"</u>	Slurry Wt. <u>15.2#</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2 15.50#</u>	Cement Left in Casing <u>30' ±</u>	Water Gal/SK _____	Other _____
Displacement <u>15.7 BBL</u>	Displacement PSI <u>925</u>	Bump Plug to _____	BPM _____

Remarks: SAFETY Meeting: Cement Bond Log was poor to No Cement from 2497' to 2571'. Shot 4 Squeeze Holes @ 2497'. RAN 2 7/8" Tubing & PACKER (AMERICAN Downhole Solutions) Set PACKER @ 2391'. Rig up to 2 7/8" Tubing. Load Hole w/ 7 BBL Fresh water. Close unloader. BREAK Down Squeeze Hole @ 1000 PSI. INJECTION RATE w/ WATER 6.8 BPM @ 850 PSI, 4 BBL @ 0 PSI, 2 BPM @ 0 PSI. Mixed 150 SKS CLASS "A" Cement w/ 2% CACLZ @ 15.2# GAL = 34 BBL SLURRY. (MIXING Pressure = 50 PSI) Shut down, WASH out Pump & Lines. START Displacement @ 2.2 BPM @ 0 PSI, 4 BBL in @ 0 PSI, 5 BBL in @ 150 PSI, 6 BBL in @ 250 PSI, 10 BBL in @ 500 PSI @ 2.2 BPM, 11 BBL in @ 400 PSI @ 1.2 BPM, 12 BBL in @ 550 PSI, 14 BBL in @ 800 PSI, 15.7 BBL in @ 925 PSI. 15IP 625 PSI. STAGE 1 HR Pressure was @ 100 PSI. Repressure to 700 PSI, 15IP 550 PSI. Stage for 30 mins. Pressure was @ 450 PSI. Repressure to 1050 PSI. Stage 15 mins Pressure to 1300 PSI. Holding @ 1300 PSI. Release Pressure, NO FLOW BACK. PULL Tubing & PACKER. Job Complete. Rig down

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1100.00	1100.00
C 107	40	Mileage	4.20	168.00
C 200	150 SKS	CLASS "A" Cement	17.35	2602.50
C 205	280 #	CACLZ 2%	.69*	193.20
C108B	7.05 TONS	TON Mileage 40 miles	1.40	394.80
			Sub Total	4,458.50
			Less 5%	232.01
			Sales Tax 6.5%	181.72
			Total	4,408.21

THANK YOU
 -M-

Authorization [Signature] Title _____ Total _____

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

EPOC, LLC
Andover, Kansas

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

Well Name: T. Wiebe #31-10
API: 15-015-24159
Location: S/2 S/2 SE Sec. 31-T23S-R5E
License Number: 35831
Spud Date: 11/16/21
Surface Coordinates: 330' FSL & 1320' FEL
Region: Butler
Drilling Completed: 2/21/22

Bottom Hole
Coordinates:
Ground Elevation (ft): 1483
Logged Interval (ft): 2000 To: R.T.D
Formation: Kinderhook
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 1489
Total Depth (ft): 2608

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

OPERATOR

Company: EPOC, LLC
Address: 313 E. Aaron DR
Andover, KS 67002-8649

GEOLOGIST

Name: William M. Stout
Company: DELEMA LLC
Address: 1441 N. Rock Road #1903
Wichita, Kansas

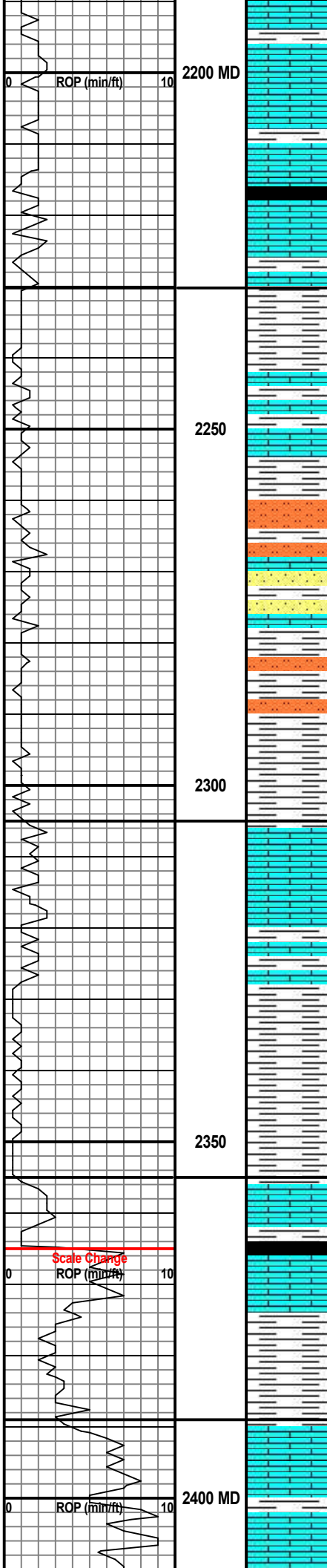
Comments

The decision was made to set and cement 5 1/2 inch casing to further evaluate the Mississippi Chert through perforations.

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

Curve Track 1 ROP (min/ft)	MD	Lithology	Geological Descriptions	Remarks
	2000 2050		<p>Sh- a.a.</p> <p>Sh- gy, gm.</p> <p>Sh- a.a.</p> <p>Sh- gy, dk gy, gm.</p> <p>Sh- a.a., w/ s/ Ls- lt bm, f-x, fos, N.S.</p> <p>Sh- gy, gm, dk gy.</p>	<p>8:00 PM 2-18-22</p> <p>Kansas City 2095 -606</p>
	2100 2150		<p>Ls- lt bm, f-x, fos, s/ dns, N.S. NVP.</p> <p>Ls- a.a., w/ plenty gy, Sh.</p> <p>Ls- lt bm, bm, f-x, fos, s/ dns, N.S.</p> <p>Ls- a.a. w/ Sh- gy, tr blk.</p> <p>Ls- lt bm, lt gy, f-x, fos, N.S. inxtln por.</p>	<p>e-log 2090 -601</p> <p>No samples 2180-2210</p>



Ls- lt bm, bm, lt gy, f-x, fos, dns, N.S. w/ Sh-
dk gy, blk s/ carb.

Ls- lt bm, f-x, few fos, dns, NV por, w/ Sh- a.a.

Ls- bm, lt bm, f-x, dns, few fos, N.S. NV por,
w/ Sh- blk carb.

Base Kansas City 2231 -742

e-log 2230 -819

Sh- gy, sdy, calc, s/ Ls- a.a.

Ls- bm, lt bm, f-x, fos, dns, arg, Sh- a.a.

Sh- gy, vy sdy, calc.

Ss- lt gy, gy, f gm, arg, vy calc, s/ Ls- f-x, sdy,
dns.

Sh- gy, dk gy, sdy, calc.

Sh- gk gy, gy, calc, sdy, pyr.

Marmaton 2305 -816

Ls- lt bm, lt gy, f-x, few fos, dns, N.S. NV por.

e-log 2308 -819

Ls- a.a., w/ Sh- gy, gm.

Sh- gy, gm, sdy, calc.

Vis. 34
Wt. 9.2
W.L. 10.8
LCM 2#

Altamont 2355 -866

Ls- lt bm, bm, f-x, dns, N.S., NV por. Sh- a.a.

e-log 2349 -860

Ls- a.a. w/ Sh- blk, carb.

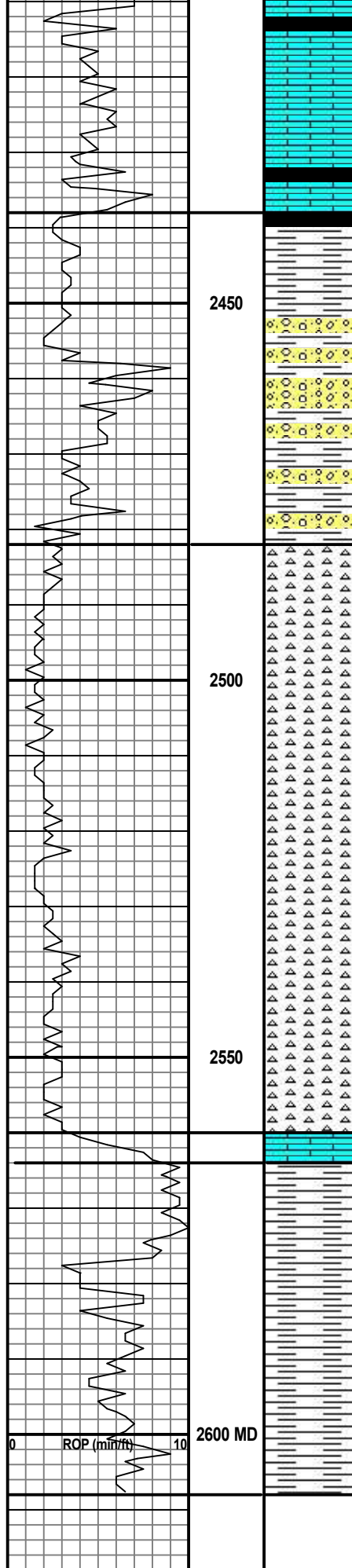
Bit Trip @ 2365
Pipe Strap 1.49' Short to board.
Back drilling @ 5:00 PM 2-19-22

Sh- gy, dk gy, gm.

Pawnee 2389 -900

Ls- lt bm, bm, fx, dns, few fos, N.S., NV por.
Abund. Sh- a.a.

e-log 2386 -897



Ls- a.a. s/ Sh- gy, gm, blk s/ carb.

Ls- lt bm, bm, lt gy, f-x, dns, fos, sli chky, N.S., NV por.

Cherokee 2438 -949

2450

Ls- a.a., Sh- blk, s/ carb, gy, gm, red.

e-log 2432 -943

Washed red.

Sh- red, gy, gm, Ls- lt bm, lt gy, f-x, few fos, dns, sli chty, N.S.

"

"

Sh- a.a. Ls- a.a. tr Ss- clear f to m gm, N.S.

"

Mississippi Chert 2482 -993

a.a. w/ tr Cht- amber, orag, lt bm, fresh, trans to opq, 1 piece w/ spoty fluor.

e-log 2477 -988

2500

Cht- off wht, amber, opq to trans, s/ wea w/ PP por, ft odor, SSFO w/ GB, scat fluor, 15%.

Cht- a.a. w/ 10% fluor.

Cht- wht, amber, s/ orag, fresh, tr wea, no odor spoty fluor, 5%, NSFO. s/ Sh- gy, gm.

2550

Cht- wht, amber, fresh, trans to opq, N.S.

Mississippi Lime 2560 -1071

e-log 2557 -1068

Cht- a.a. w/ Sh- gy, gm, tr Ls- lt bm, f to m x, dns, sli chky, N.S.

Kinderhook 2564 -1075

e-log 2560 -1071

Sh- dk gy, gy, red. tr Cht- a.a

Vis. 38

Wt. 9.3

W.L. 9.2

LCM 5#

Sh- dk gy, gy, gm, red, tr Ls- a.a.

2600 MD

Sh- a.a.

R.T.D. 2608 -1119

e-log 2604 -1115

12:40 PM 2-20-22