

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)</i> <i>(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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EPOC, LLC
Andover, Kansas

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

Well Name: Eck A SWD #1
API: 15-015-24167
Location: NE NE NW NW section 32-T23S-R5E
License Number: 35831
Spud Date: 8-6-22
Surface Coordinates:

Region: Butler County
Drilling Completed: 8-11-22

Bottom Hole
Coordinates:
Ground Elevation (ft): 1475
Logged Interval (ft): 1400
Formation:
Type of Drilling Fluid: Chemical

K.B. Elevation (ft): 1481
To: R.T.D. Total Depth (ft): 3048

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

OPERATOR

Company: EPOC, LLC
Address: 313 E. Aaron Dr.
Andover, Kansas 67002-8649

GEOLOGIST

Name: William M. Stout
Company:
Address: 1441 N. Rock Road #1903
Wichita, Kansas 67206

FORMATION TOPS

G.L. 1475 K.B. 1481

Sample Log

Formation	Depth	Datum	Depth	Datum
Oread	1505	-24	1502	-21
Heebner	1540	-59	1538	-57
Douglas	1574	-93	1570	-89
Lansing	1924	-443	1922	-441
Kansas City	2068	-587	2068	-587
BKC	2211	-730	2207	-726
Marmaton	2289	-808	2285	-804
Altamont	2330	-849	2328	-847
Pawnee	2365	-884	2362	-881
Fort Scott	2387	-906	2385	-904
Cherokee	2410	-929	2408	-927
Mississippi	2432	-951	2432	-951
Mississippi Lime	2524	-1043	2530	-1049
Kinderhook	2538	-1057	2536	-1055
Hunton	2646	-1065	2644	-1248
Arbuckle	2793	-1312	2790	-1309
Total Depth	3048	-1567	3046	-1565


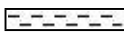

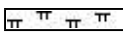
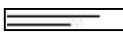
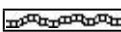
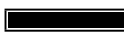



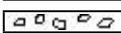
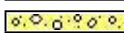



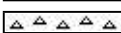


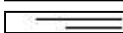

CASING

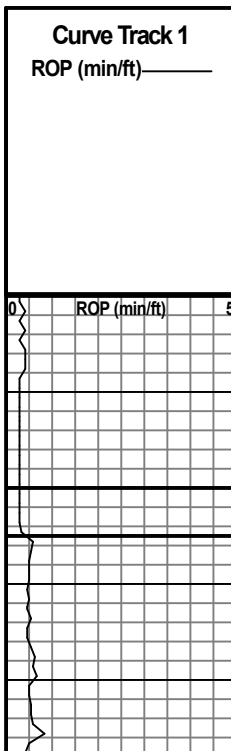
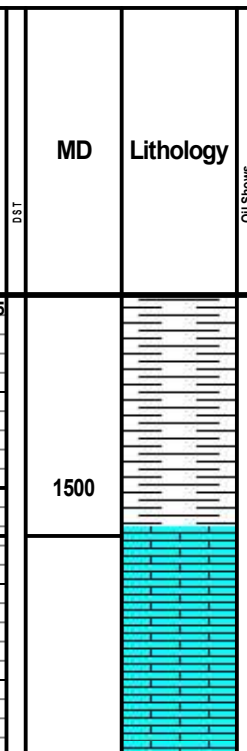
205' 8 5/8" surface casing set @ 209'.
5 1/2" casing set @ 2806'.

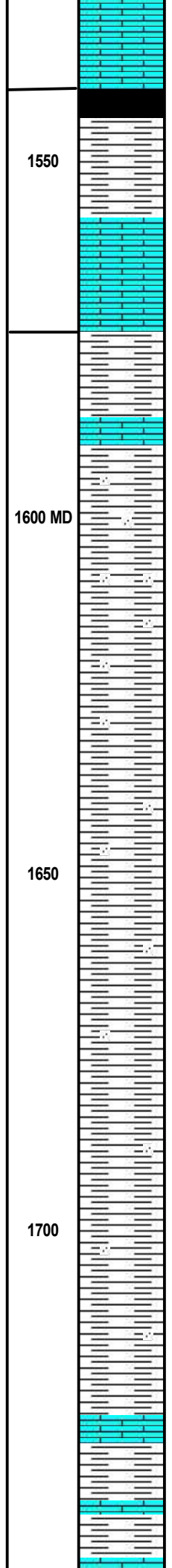
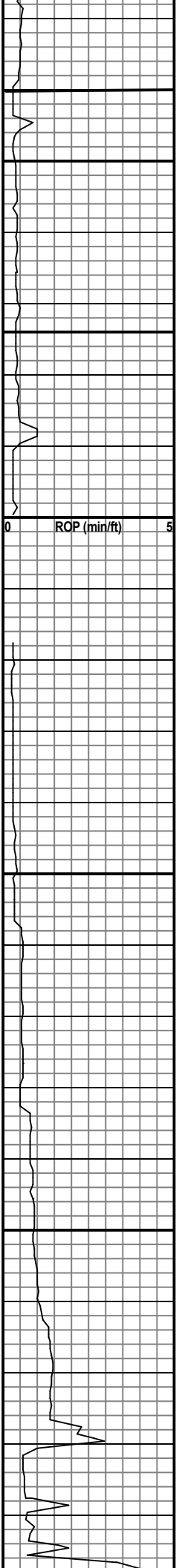
Comments

Well was drilled for a salt water disposal. 5 1/2" casing was set and cemented to the top of the Arbuckle.

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
	1500		Sh- gy, dk gy. Sh- gy. Ls- lt brn, brn, f-x, fos, dns, NS, w/ Sh- a.a. Ls- a.a. sli chty, scat cors xtals.	5:15 am 8-8-22 Oread 1505' -24 e-log -21



Ls- lt bm, f-x, fos, dns, NS.

Sh- blk, gy, s/ carb.

Ls- lt bm, f-x, fos, chky, NS.

Sh- gy, lt gy.

Sh- gy, lt gy, sdy.

Sh- aa.

Sh- gy.

Sh- gy, sdy in pt.

Sh- aa.

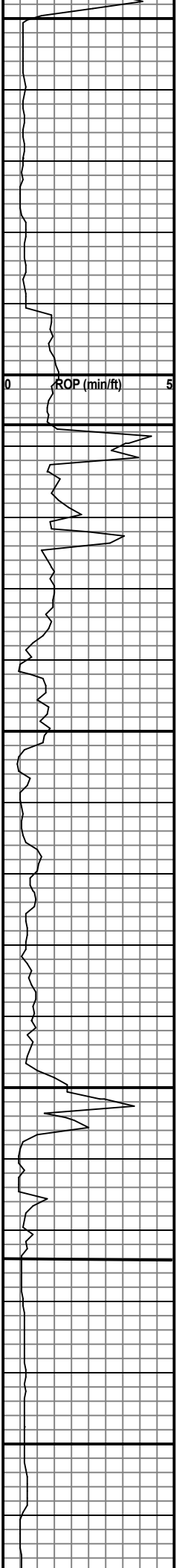
Sh- aa w/ Ls- lt bm, bm, f-x, dns, few fos, NS.

Heebner 1540' -59

e-log -57

Douglas 1574' -326

e-log -89



1750

1800 MD

1850

1900

1950



Sh & Ls- a.a.

Sh- gy, sdy.

Sh- gy, dk gy.

Ls- lt bm, f-x, fos, sli chky, NS, inxtln por.

Ls- lt bm, f-x, fos, dns, NS, tr Sh- gy.

Ls- lt bm, lt gy, f-x, fos, scat inxtln por.

Ls- a.a. w/ s/ Sh- gy.

Ls- lt bm, bm, f-x, fos, dns, NS.

Ls- a.a.

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

Sh- gy, s/ sdy.

Sh- a.a.

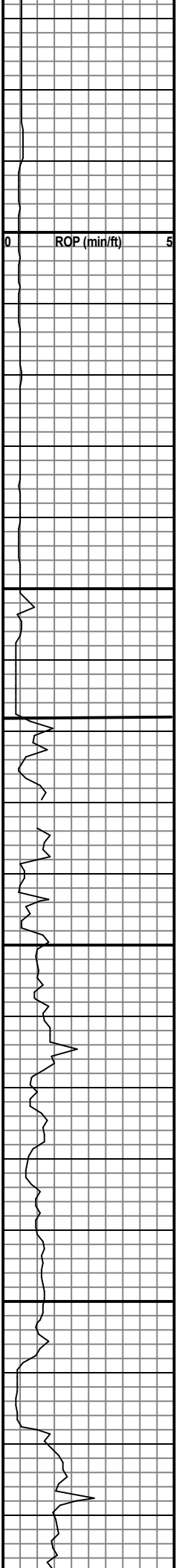
Lansing 1807' -326

e-log -325

Bonner Springs 1924' -443

e-log -441

Trip bit @ 1928'.



2000 MD

2050

2100

2150

Sh- gy, lt gy.

Sh- gy, lt gy, s/ sdy.

Sh- a.a.

Sh- gy.

Sh- gy, m gy.

Ls- lt gy, lt bm, f-x, fos, dns, sli arg, NS, NV por.

Ls- lt bm, lt gy, f-x, fos, dns, w/ Sh- gy, gm, red.

Ls- lt bm, f-x, fos, dns, sli chky, NS.

Ls- a.a., w/ scat inxtln por, NS.

Ls- lt bm, f-x, fos, chky, dns, w/ Sh- gy, gm, tr blk.

Ls- lt gy, lt bm, f-x, chky, dns, NS, NV por.

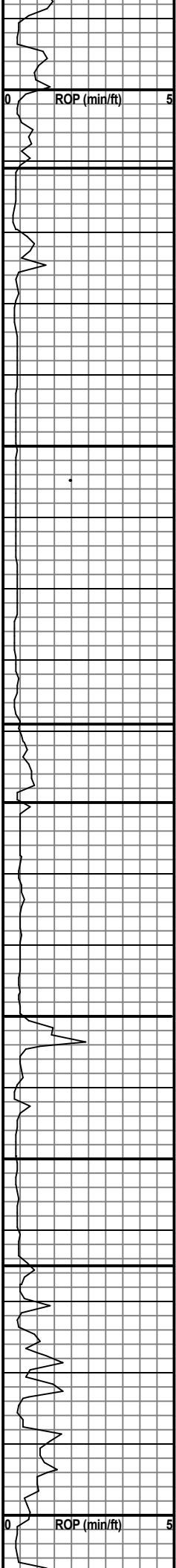
Sh- blk, dk gy, s/ carb.

Ls- lt bm, f-x, fos, dns, NS.

6:15 pm 8-8-22

Kansas City 2068' -587

e-log -587



2200 MD
2250
2300
2350
2400 MD

Sh- blk, dk gy, w/ Ls- a.a.

Ls- lt bm, bm, f-x, fos, dns, NS, w/ Sh- gy, gm.

Ls- bm, f-x, fos, dns, tr sdy, Sh- lt gm, sdy, NS.

Sh- gy, w/ Ss- lt gy, f-gm, arg, fri, NS, p por.

Sh- gy, gm, sdy, mica, NS.

Sh- a.a. s/ calc.

Ls- lt bm, f-x, fos, dns, NS, w/ Sh- a.a.

Sh- gy, gm, w/ Ss- lt gm, f-gm, arg, calc, s/ hd, NS.

Ls- lt bm, f-x, few fos, chky, NS, Sh- a.a.

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

Sh- dk gy, gy, gm.

Ls- lt bm, bm, f-x, fos, dns, chty, w/ Sh- gy, blk, dk gy.

Ls- bm, f-x, dns, fos, NS. w/ Sh- a.a.

Ls- lt gy, lt bm, f-x, fos, dns, NS.

Base Kansas City 2211' -730

e-log -726

Marmaton 2289' -808

e-log -804

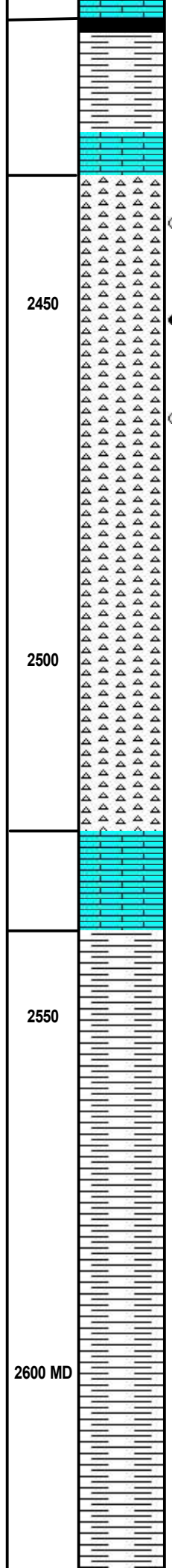
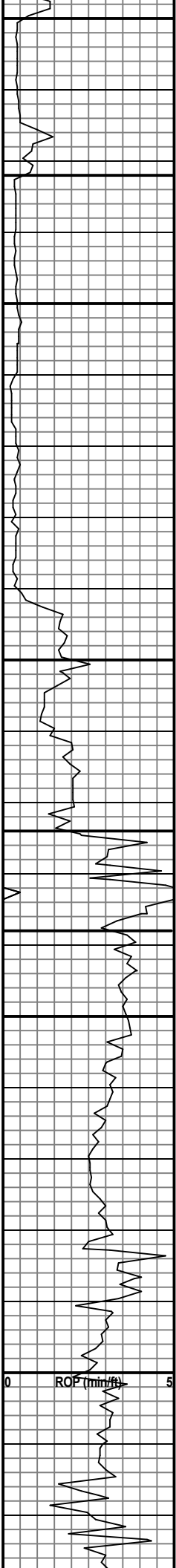
Altamont 2330' -849

e-log -847

Pawnee 2365' -884

e-log -881

Cherokee 2440' -920



Ls- a.a., w/ Sh- gy, gm, blk.
 Sh- red, gy, gm, washes red.
 Sh- a.a. w/ Ls- lt bm, f-x, dns, chty, tr Cht- wht, opq, NS.
 Cht- wht, lt bm, opq, mostly wea, fr odor, lt bm stn, SFO w/ few GB, scat pp & vug por w/ fluor (40%).
 Cht- a.a. w/ gd SFO, gd fluor (50%)
 Cht- wht, amber, lt gm, more fresh, ft odor. scat stn, sli SFO, scat por w/ fluor (15%).
 Cht- a.a.
 Cht- a.a. w/ abund Sh- gy, dk gy, gm, tr Ls- lt bm, f-x, dns, NS.
 Ls- lt bm. f to m-x, dns, sli chty, w/ Sh & Cht- a.a. pyr.
 Sh- dk gy, gy, gm, red, Ls- a.a.
 Sh- gy, dk gy, gm, red.
 Sh- a.a.
 Sh- gy, dk gy, gm, red.
 Sh- a.a.
 Sh- dk gy, gy, gm.

Cherokee 2410 -929
 e-log -927
 Mississippi 2432' -951
 e-log -951
 Trip bit @ 2534'
 5:45 am 8-9-22
 Back drilling 1:30 pm
 Mississippi Lime 2524' -1043
 e-log -1049
 Kinderhook 2538' -1057
 e-log -1055

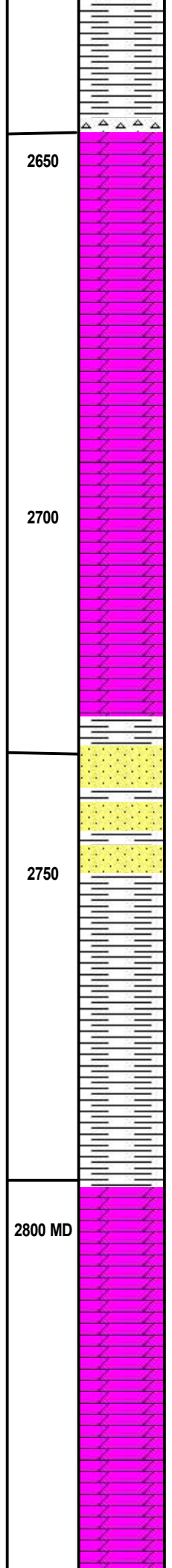
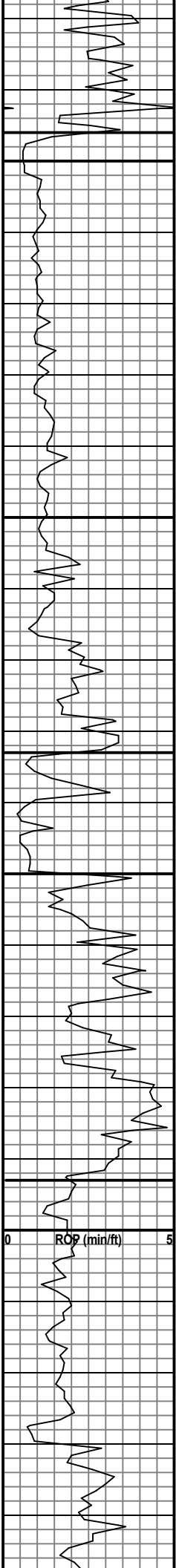
2450

2500

2550

2600 MD

ROP (min/ft) 0 5



Sh- a.a. s/ dk bm, carb.

Cht- wht, opq, fresh, NS.

Dol- lt bm, f-x, suc, s/ dns, scat inxtln por, NS, w/ Cht- a.a.

Dol- lt bm, f-x, suc, scat inxtln por, NS.

Dol- lt bm, lt gy, f to m-x, suc in pt, inxtln por, s/ Sh- gy, gm, dk gy.

Dol- a.a. w/ Sh- a.a.

Dol- lt gy, m-x, inxtln por, NS.

Dol- lt bm, f to m-x, s/ suc, NS, inxtln por.

Dol- dk bm, f-x, dns, sli calc, NS.

Ss- off wht, clear, f to m-gm, abund loose gms, NS, w/ Dol- a.a. s/ Sh- gy, gm.

Sh- dk gy, gy, gm, w/ Ss- a.a.

Sh- a.a., pyr.

Sh- dk gy, gy, gm, red, w/ Ss- a.a.

Dol- gy, lt gy, f-x, dns, sli suc, NS, s/ inxtln por. Sh- a.a.

Dol- lt bm, lt gy, f to micro-x, dns, NS. scat inxtln por.

Dol- a.a.

Dol- lt bm, f to m-x, dns, NV por.

Hunton 2646' -1165

e-log -1163

Simpson 2733' -1252

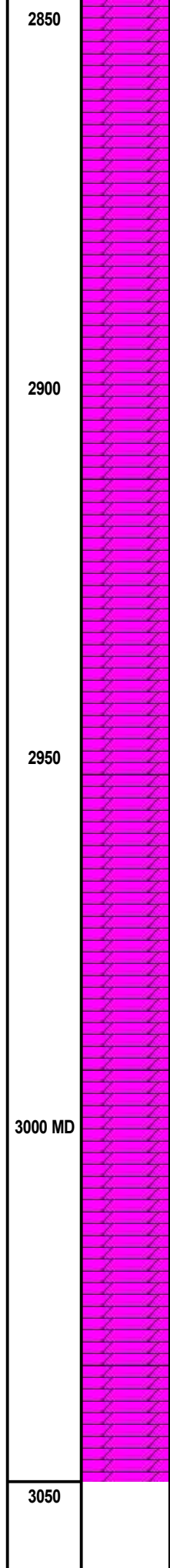
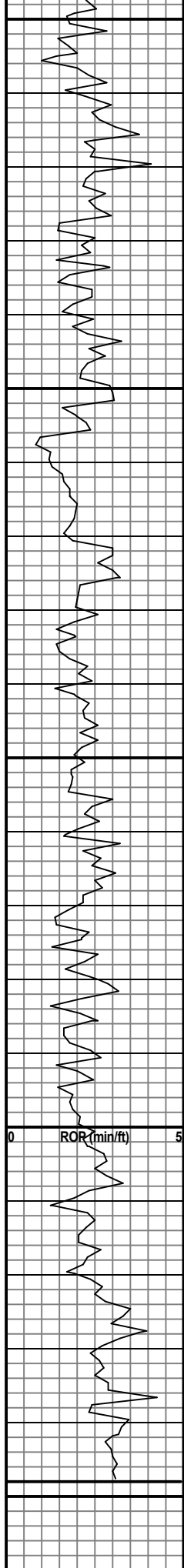
e-log -1248

Vis. 37
Wt. 9.4

5:30 am 8-10-22

Arbuckle 2793' -1312

e-log -1309



Dol- lt bm, f-x, dns, sli chty, scat inxtln por.

Dol- a.a. w/ s/ Cht- lt gy, transl, NV por, s/ Sh-gy, gm.

Dol- lt bm, f-x, tr suc, vy scat inxtln por.

Dol- lt gy, f to micro-x, s/ dns, ool in pt, tr inxtln por.

Dol- lt gy, lt bm, f-x, s/ dns, scat inxtln & vug por.

Dol- lt bm, bm, f-x, dns, chty, NV por.

Dol- lt bm, bm, gy, f-x, dns, w/ Cht- wht, opq.

Dol- lt bm, f-x, s/ dns, chky, scat inxtln, por.

Dol- a.a. w/ scat course-x, granlr in pt, inxtln por.

Dol- a.a.

Dol- lt bm, f to m-x, dns, NV por.

Dol- lt bm, bm, f to m-x, sli chky, scat inxtln & vug por,

Dol- lt bm, bm, lt gy, f to m-x, s/ dns, tr chty, por a.a.

Dol- a.a.

R.T.D. 3048' -1567

7:30 pm 8-11-22
L.T.D. 3046' -1565

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



Cement or Acid Field Report
 Ticket No. **6622**
 Foreman KEVIN McCoy
 Camp EUREKA

API # 15-015-24167

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-7-22	1423	ECK A SWD #1	32	23S	5E	Butler	Ks
Customer <u>EPOC LLC</u>		Safety Meeting KM AM SM	Unit #	Driver		Unit #	Driver
Mailing Address <u>313 E. AARON DR.</u>			104	ALAN M.			
City <u>ANDOVER</u>			110	STEVE M.			
State <u>Ks</u>	Zip Code <u>67002</u>						

Job Type SURFACE Hole Depth 215' K.B. Slurry Vol. 30 BBL Tubing _____
 Casing Depth 205' G.L. Hole Size 12 1/4" Slurry Wt. 15* Drill Pipe _____
 Casing Size & Wt. 8 5/8 Cement Left in Casing 20' ± Water Gal/SK _____ Other _____
 Displacement 12.2 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY Meeting: Rig up to 8 5/8 casing. BREAK CIRCULATION w/ 10 BBL Fresh water. Mixed 125 SKS CLASS 'A' Cement w/ 3% CADz, 2% Gel, 1/4" Floseal/sk @ 15*/gal = 30 BBL Slurry. Displace w/ 12.2 BBL Fresh water. Shut casing in. Good Cement Returns to SURFACE = 3 BBL Slurry to Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	950.00	950.00
C 107	50	Mileage	5.00	250.00
C 200	125 SKS	CLASS "A" Cement	18.55	2318.75
C 205	350 *	CADz 3%	.75 *	262.50
C 206	235 *	Gel 2%	.30 *	70.50
C 209	30 *	Floseal 1/4 #/sk	2.80 *	84.00
C108B	5.88 Tons	TON Mileage 50 miles	1.50	441.00
<u>THANK you</u> <u>-M-</u>			Sub TOTAL	4376.75
			Less 5%	227.73
			6.5% Sales Tax	177.82
Authorization <u>By TIM STACK</u>		Title <u>C & G DRIG Toolpusher</u>	Total	4,326.84

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.

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



Cement or Acid Field Report
 Ticket No. **6574**
 Foreman David Gardner
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
8-11-22	1423	Eck 'A' SWD #1	32	23 S.	5 E.	Butler	KS	
Customer <u>EPOC, LLC</u>			Safety Meeting DG JH AM BW KM		Unit #	Driver	Unit #	Driver
Mailing Address <u>313 E. Aaron Dr.</u>					<u>105</u>	<u>Jason</u>		
City <u>Andover</u>			State <u>KS</u>		Zip Code <u>67002</u>	<u>112</u>	<u>Alan M.</u>	
					<u>114</u>	<u>Broker</u>		
					<u>113</u>	<u>Kevin</u>		

Job Type Longstring Hole Depth 3048' K.B. Slurry Vol. 90 Bbl Lead Tubing _____
30 Bbl Tail
 Casing Depth 2806' G.L. Hole Size 7 7/8" Slurry Wt. 12.6" / 13.6" Drill Pipe _____
 Casing Size & Wt. 5 1/2" 15.50# Cement Left in Casing 42' S.S. Water Gal/SK _____ Other _____
 Displacement 68 1/2 Bbl Displacement PSI 1000 Bump Plug to 1500 PSI BPM _____

Remarks: Safety Meeting: Used 5 1/2" 15.50# Casing set @ 2806' G.L. w/ Basket Shoe. Circulate on bottom for 1 HR w/ Rig mud pump. Drop Brass ball. Rig up to 5 1/2" casing. Set Basket Shoe @ 800 PSI. Break circulation w/ 15 Bbl fresh water. Mixed 280 sks 60/40 Pozmix Cement w/ 8% Gel, 2" Phenoseal/sk @ 12.6#/gal, yield 1.80 = 90 Bbl slurry, Tail in w/ 100 sks Thick Set Cement w/ 2" Phenoseal/sk @ 13.6#/gal, yield 1.68 = 30 Bbl Slurry. Wash out pump & lines. Shut down. Release Latch Down plug. Displace plug to seat w/ 68 1/2 Bbl fresh water. Final pumping pressure of 1000 PSI. Bump plug to 1500 PSI. Wait 2 mins. Release pressure. Float & plug held. Good circulation @ 9/11 times while cementing. Good cement returns to surface = 9 Bbl slurry to pit. Job complete. Rig down.

Centralizers on #1, 2, 5, 6, 7, 9, 10 Baskets on Top of #10 + 57 Plug R.H. w/ 20 sks

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1180.00	1180.00
C107	50	Mileage	5.00	250.00
C203	300 sks	60/40 Pozmix Cement	15.75	4725.00
C206	2065#	Gel 8% } Lead Cement	.30	619.50
C208	600#	Phenoseal 2"/sk	1.55	930.00
C201	100 sks	Thick Set Cement } Tail Cement	24.25	2425.00
C208	200#	Phenoseal 2"/sk	1.55	310.00
C1088	18.4 Tons	Ton Mileage - 50 Miles	1.50	1380.00
C761	1	5 1/2" Type B Basket Shoe	1596.00	1596.00
C681	1	5 1/2" Float Collar w/ Latch Down Insert	254.00	254.00
C421	1	5 1/2" Latch Down Plug	285.00	285.00
C504	7	5 1/2" x 7 7/8" Centralizers	59.00	413.00
C604	2	5 1/2" Cement Baskets	278.00	556.00
<u>Thank you</u>			Sub Total	14,923.50
			Less 5%	785.54
			6.5% Sales Tax	787.38

Authorization by Ray Gilbert Title Co/Rep Total 14,925.34

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.