

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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Form	ACO1 - Well Completion
Operator	Raney Oil Company, LLC
Well Name	SHORTER RANCH 1
Doc ID	1527203

All Electric Logs Run

DIL
PE
SONIC
MEL

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



Cement or Acid Field Report
 Ticket No. **4974**
 Foreman David Gardner
 Camp Eureka

API # 15-035-24713

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-4-20	1375	Shorter Ranch #1	31	33 S.	6 E.	Cowley	KS
Customer			Unit #	Driver		Unit #	Driver
RA Energy LLC/RAKEY OIL			105	Jason			
Mailing Address			-113	Allen B.			
11615 Rosewood St. Ste 100							
City	State	Zip Code					
Leawood	KS	66211					

Job Type Surface Hole Depth 308' K.B. Slurry Vol. 48 Bbl Tubing _____
 Casing Depth 304.45' G.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" 24" Cement Left in Casing 15' 1/2" Water Gal/SK 6.5 Other _____
 Displacement 18 3/4 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 200 SKS Class 'A' cement w/ 3% Cacl₂, 2% Gel, 1/4" Floseal /sk @ 15"/gal, yield 1.35 = 48' Bbl slurry. Displace w/ 18 3/4 Bbl fresh water. Shut down. Close casing in. Good circulation @ all times while cementing. Good cement returns to surface = 5 Bbl slurry to pit. 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	60	Mileage	4.20	252.00
C200	200 SKS	Class 'A' Cement	15.75	3150.00
C205	565"	Cacl ₂ 3%	.63	355.95
C206	375"	Gel 2%	.21	78.75
C209	50"	Floseal 1/4"/sk	2.35	117.50
C108B	9.4 Tons	Ton Mileage - Bulk Truck	1.40	789.60
<u>Thank You</u>				
			Sub Total	5,633.80
			5% Sales Tax	(293.13)
			6.5 %	240.65
			Total	5580.12

Authorization Dion Vasquez

Title Toolpusher

Total

5580.12

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. **4953**
Foreman Kevin McCoy
Camp EUREKA

API # 15-035-24713

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-11-20	1375	Shorter Ranch #1	31	335	6E	Cowley	Ks
Customer			Unit #	Driver		Unit #	Driver
RA Energy, LLC / RANEY OIL			104	ALAN M.			
Mailing Address			113	Josh V.			
11615 Basewood ST. STE 100			114	Steve M.			
City	State	Zip Code					
Leawood	Ks	66211					

Safety Meeting
KM
AM
5M
JV

Job Type <u>Longstring</u>	Hole Depth <u>3500' K.B.</u>	Slurry Vol. <u>28 BBL LEAD 47 BBL TAIL</u>	Tubing _____
Casing Depth <u>3492.74</u>	Hole Size <u>7 7/8</u>	Slurry Wt. <u>13.2-13.8</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2" 17</u>	Cement Left in Casing <u>41.60</u>	Water Gal/SK <u>7.4-9.0</u>	Other _____
Displacement <u>82.5 BBL</u>	Displacement PSI <u>1400</u>	Bump Plug to <u>2000 PSI</u>	BPM _____

Remarks: Safety Meeting: 5 1/2" 17" Casing Set @ . Rig up to 5 1/2" Casing. BREAK CIRCULATION w/ 5 BBL Fresh water. Mixed 100 SKS 60/40 Pozmix Cement w/ 6% Gel, 2" PhenoSeal/sk @ 13.3"/gal, yield 1.57 = 28 BBL Slurry. TAIL IN w/ 150 SKS THICK SET Cement w/ 5" Kol-Seal/sk, 1" PhenoSeal/sk, 1/3" CFL-115 @ 13.8"/gal, yield 1.75 = 47 BBL Slurry. Wash out Pump & Lines. Shut down. Release Latch Down Plug. Displace Plug to Seat w/ 82.5 BBL Fresh water. FINAL Pumping Pressure 1400 PSI. Bump Plug to 2000 PSI. wait 2 mins. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while Cementing. Job Complete. Rig down.

Plug Rat Hole w/ 25 SKS
Centralizers on # 2, 4, 6, 8, 10, 17, 24, 27, 35, 39 BASKETS on Top of # 5, 9, 29

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	60	Mileage	4.20	252.00
C 203	125 SKS	60/40 Pozmix Cement	13.40	1675.00
C 206	645 *	Gel 6%	.21 *	135.45
C 208	250 *	PhenoSeal 2"/SK	1.30 *	325.00
C 201	150 SKS	THICK SET Cement	20.50	3075.00
C 207	750 *	Kol-Seal 5"/SK	.47 *	352.50
C 208	150 *	PhenoSeal 1"/SK	1.30 *	195.00
C 211	50 *	CFL-115 1/3"	11.00 *	550.00
C 108B	13.62 Tons	Ton Mileage 60 miles	1.40	1144.08
C 222	5 gals	KCL (FIRST 40 BBL Displacement water)	30.00	150.00
C 691	1	5 1/2 Guide Shoe	175.00	175.00
C 674	1	5 1/2 AFU Float Collar w/ Latch down	359.00	359.00
C 604	3	5 1/2 Cement BASKETS	236.00	708.00
C 504	10	5 1/2 x 7 7/8 Centralizers	50.00	500.00
C 421	1	5 1/2 Latch Down Plug	242.00	242.00
C 781	2	5 1/2 Stop Rings	30.00	60.00
			Sub Total	10,998.03
			less 5%	579.53
			Sales Tax	552.63
Authorization <u>Roger Martin</u> Title _____			Total	10,973.13

THANK YOU

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.

From: **Thomas Raney** annraney@me.com
 Subject: Shorter Ranch geo
 Date: August 20, 2020 at 11:56 AM
 To: Ann Raney annraney@me.com



ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

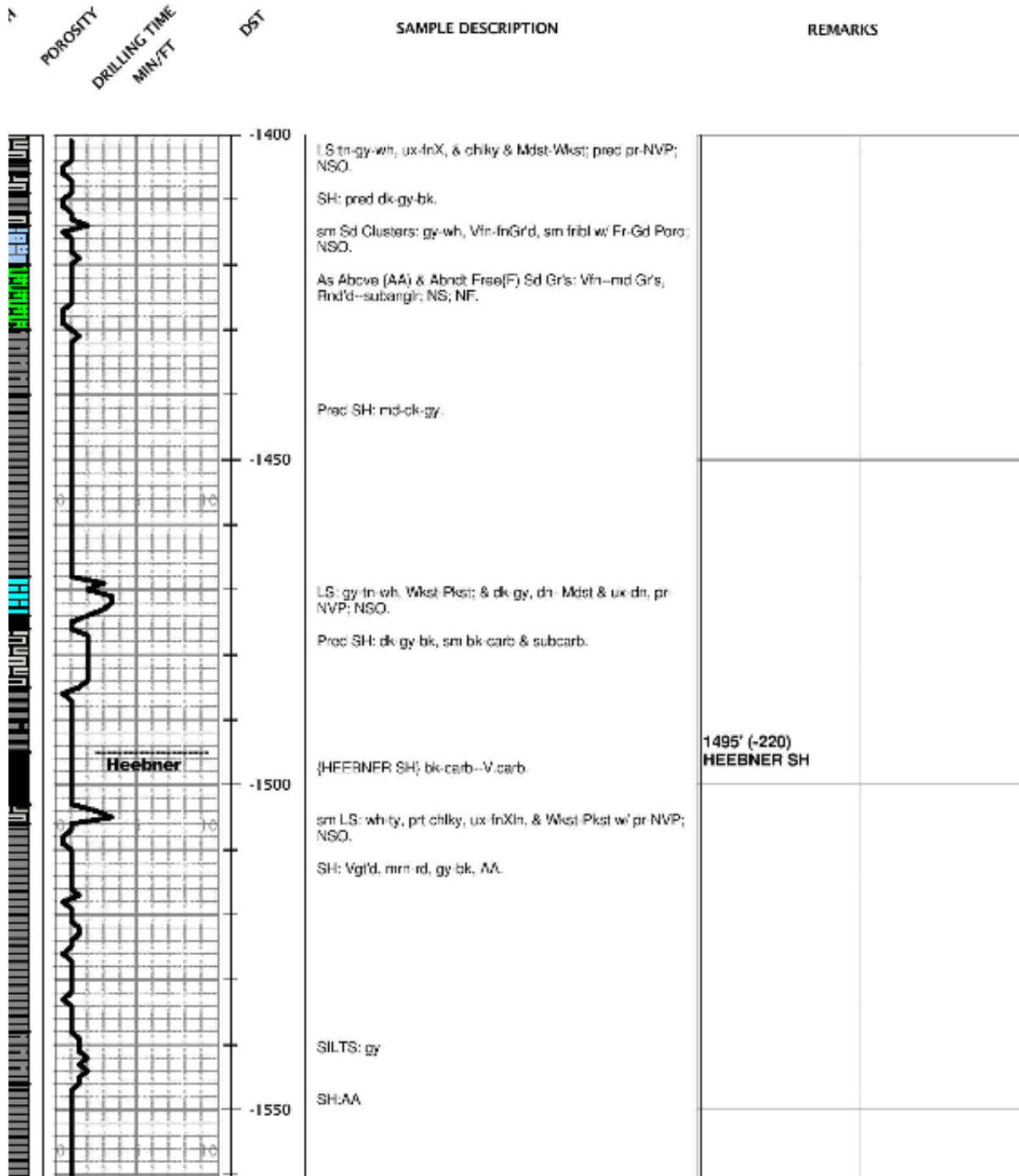
DRILLING TIME AND SAMPLE LOG

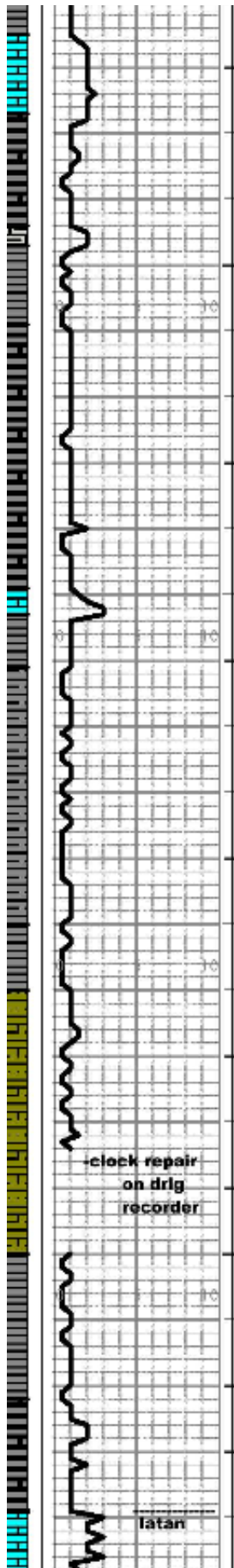
COMPANY <u>RA ENERGY, LLC (Intented as Raney Oil Co)</u> LEASE <u>SHORTER RANCH #1</u> FIELD <u>CABIN VALLEY</u> LOCATION <u>1810' FNL & 2280' FEL (~SE-NW-SW-NE/4)</u> SECTION <u>31</u> TOWNSHIP <u>33S</u> RANGE <u>6E</u> COUNTY <u>COWLEY</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>1275'</u> GL <u>1267'</u> Measurements Are All From <u>KB:1275'</u> API <u>15-035-24713-00-00</u>
CONTRACTOR <u>DUKE DRILLING, RIG#2</u> SPUD <u>02/03/2020</u> COMP <u>02/11/2020</u> RTD <u>3500' (-2225)</u> LTD <u>3500' (-2225)</u> ELECTRICAL SURVEYS ELI: 1st Run: DIL & CNL/CDL/PE; 2nd Run: SONIC & MEL 1 DST by TRILOBITE TESTING	CASING SURFACE <u>7jts-new-8&5/8"x23# set@303'</u> <u>w/200sxClassA+3%CaCl&2%gel.Elite#4974</u> PRODUCTION <u>86jts-new-5&1/2"x17</u> <u>(3492.74') set-1'3"off btm (see Remarks)</u>

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
HEEBNER SH	1493' (-218)	1495' (-220)	02/03/2020: MIHU: Spud 12&1/4" hole @ 7:00pm
LATAN LS	1789' (-514)	1789' (-514)	02/04/20: Drig 12&1/4" hole @ 157' @-6:45am
STALNAKER SS	1837' (-562)	1837' (-562)	Drig 12&1/4" hole to 308'; Ran 7 jts of new 8&5/8" 23# surf csg; strap weld 1st 3 jts & spot weld rest of csg collars: set @ 303 KB; cmt d w/200sx class A + 3%CaCl & 2%gel; cmt cid crr; plug dwn @ 3:30pm on 02/04/20; job by Elite; ticket # 4974; W/O 8hrs. Deviation Survey: 1.2deg.@ 308'
LAYTON ZONE	2240' (-955)	2242' (-957)	
UPPER LAYTON SS	2275' (-1000)	2277' (-1002)	
LAYTON SS	2305' (-1030)	2300' (-1025)	
KANSAS CITY GROUP	2428' (-1154)	2431' (-1156)	
DENNIS LS	2488' (-1214)	2490' (-1215)	02/05/20: Drig 7&7/8" hole @ 666' @-6:45am
SWOPE LS	2511' (-1236)	2512' (-1237)	
HERTHA LS	2567' (-1292)	2567' (-1292)	02/06/20: Drig @ 1671' @-6:45am.
MARIMON GROUP	2665' (-1390)	2665' (-1392)	02/07/20: Drig @ 2485' @-6:45am
ALAMONT LS	2689' (-1414)	2691' (-1416)	
PAWNEE LS	2730' (-1455)	2728' (-1453)	02-8-20: Drig @ 3018' @-8:45am.
FORT SCOTT LS	2785' (-1490)	2785' (-1490)	
CHEWREE GROUP	2800' (-1525)	2802' (-1527)	02/09/20: DST#1@3204' (ran wiper trip to top of DC & CTCH before TOR for DST); Pipe Strap:2.03' Long to bro. Deviation Survey: 1deg.@ 3204'
EROSIONAL MISSISSIPPIAN	3048' (-1773)	3047' (-1772)	
MISSISSIPPIAN CHEST PORO.	3080' (-1785)	3080' (-1785)	2/10/20@8:45a Running 5&1/2" prod.csg@1110'LD:3500' (ran wiper trip to top of drill collars;CTCH;TCH; ran E-ops; TIR wbr; tag ID; TOH-LD&P & prep to run 5&1/2" csg).
MISS. LIMESTONE	3077' (-1802)	3078' (-1803)	
COWLEY	3242' (-1967)	3238' (-1963)	
KINDERHOOK SHALE	3485' (-2190)	3485' (-2190)	
CHATT. WOODFORD SH.	3484' (-2209)	3485' (-2210)	2/11/20: Ran 88 jts new 5&1/2" x 17# csg (lally-3492.74') Tagged btm within ~1' of expected TD: 1'U~13' & LD tag 1; Set 5&1/2" Cude shoe @~13" off btm; cmt d w/ 100sx 80/40 Pozmix + 8%gel & 2ThenoSeals&150sx TruckSet + 50 Kal-Seals& 11ThenoSeals& 1/3%CPL-115; Plug Down@~9:30am 02/11/20 @~2000psi. Floal&Plug He d. Elite ticket#4953; Released Rig@~12:20pm 02/11/20.
TOTAL DEPTH (LTD/RTD)	3500' (-2225)	3500' (-2225)	

REMARKS: FOR A COMPLETION IN THE UPPER MISSISSIPPIAN SYSTEM; RAN 86 JOINTS OF NEW 5&1/2" x 17# PRODUCTION CASING (TALLY=3492.74') TAGGED BOTTOM WITHIN ~1' OF EXPECTED TOTAL DEPTH; BUCKER ID: 13' & 14' W/RAIN TAG; KILN SET

TITLE OF REPORT: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
 FLOAT SHOE @ -13 OFF BOTTOM. BREAK CIRC WITH 5 BBL'S FRESH WATER. MIXED
 LEAD CEMENT: 100 SX 40/40 POZ MIX CEMENT W/ 6% GEL & 2# PHENOSEAL/SK @ 13.3#/GAL;
 YIELD-1.67--28 BBL SLURRY. TAIL IN W/ 150 SX THICK SET CEMENT W/ 5# KOI SEAL/SK
 & 1# PHENOSEAL/SK & 1.5% CHL-115 @ -15.8#/GAL; YIELD-1.75--47 BBL SLURRY.
 WASH OUT PUMP & LINES: SHUT DOWN; LATCH DOWN PLUG; DISP. ACE PLUG TO
 SEAT W/ 82.5 BBL FRESH WATER. FINAL PUMPING PRESSURE--1400 PSI. BUMP PLUG
 TO 2000 PSI; WAIT 2 MINUTES; RELEASED PRESSURE; FLOAT & PLUG HELD. GOOD CIRC
 @ ALL TIMES WHILE CEMENTING & CR DISPLACING (CELLAR STAYED FULL). PLUGGED
 RATHOLE W/-26 SX. JOB BY ELITE CEMENTING & ACID SERVICE, LLC. TICKET#4853.
 CENTRALIZERS ON TOP OF JTS: #2@-3403'; #4@-3317'; #6@-3236'; #8@-3148'; #10@-3061'
 #17@-2770'; #27@-2371'; #29@-2280'; #35@-2062'; #39@-1876'.
 BASKETS ON JTS: #5@-3316'; #9@-3147'; #29@-2329'. PLUG DOWN@-9:30 AM ON 02/11/2020.
 RIG RELEASED @-NOON ON 02/11/2020.
 I RECOMMEND REVIEW OF THE WARM TON GROUP, ESPECIALLY THE FORT SCOTT LS; AND
 THE UPPER LAYTON SS BEFORE ABANDONMENT.
 RESPECTFULLY SUBMITTED, ROGER L. MARTIN, GEOLOGIST @ WELL-SITE.





LS: gy-in-wh, dn-ux-inXln, sm Wkst-Pkst, & argil-Mdst;
 pred Vpr-NVP; NSO.

SH: Vgtd- mm-rc, & gy, micae & Silts; sm calc & Lmy SH.

-1600
 sm LS: in-gy-wh, dn- Mdst-Wkst, Vpr-NVP; NSO.
 Pred Vgtd SH: gy & sm bk. Rr LS:AA.

-1650
 LS: wh-gy, ux-VlnXln, & Mdst-Wkst, pr-NVP; NSO.
 Pred SH: gy-bk, sm silty.

-1700
 Pred SH: gy-bk, sm silty;
 sm calc & Lmy SH.

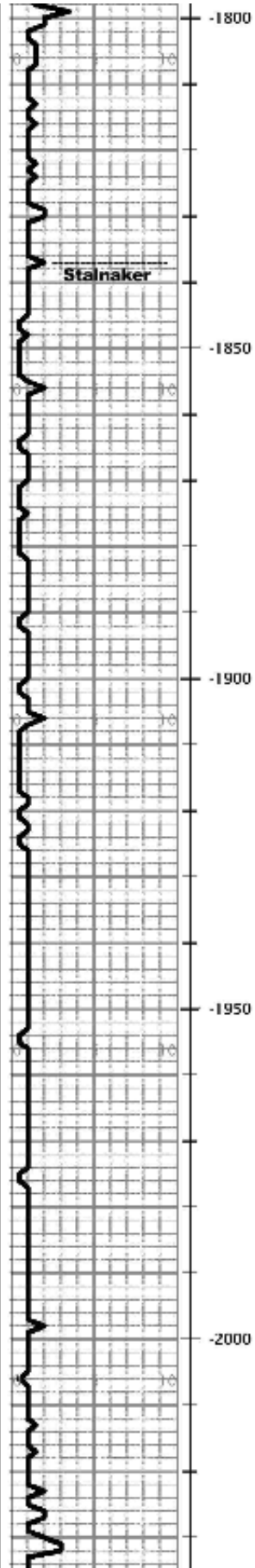
clock repair
 on drlg
 recorder

-1750
 Abndt SH: gy-bk

Iatan

[IATAN LS] LS: in-gy-cm, mol, Wkst-Pkst, & ux-inX; w/
 pr-NVP; NSO.

1789' (-514)
 IATAN LS



-1800

Acondt SH: gy-bk, sm carb.

SH: AA; sm micac, & calc & Lmy SH-SILTS.

Stalnakar

{STALNAKER SS} Sd Clusters: Lt-gy-bf-wh, Vln-fnGrd, Rnd'd-subanglr, sm well oml'd-calc & Lmy, sm fibril w/ Fr-Gd Para w/ NS; NF; NC.

1837' (-562)
STALNAKER SS

-1850

sm silty & micac Sd Clust & sm sl shly: gy-bk- sm carb SH.

SS: Sd Clust: Lt-gy-bf, gy-wh, pred VlnGrd, & sm Vln-fnGrd, Rnd'd-subanglr, sm silty & micac, sm well oml'd-sm calc & Lmy, sm fibril w/ Fr-Gd Para w/ NSO; NF; NC;

& sm SILTS: gy, micac, Sndy

-1900

SS: Sd Clust: gy-bf, gy-wh, pred VlnGrd, sm Vln-fnGrd, Rnd'd-subanglr, well sort'd, micac, sm silty & shly- well oml'd to subfibril w/ pr Fr Visol Para w/ NSO; NF; NC; Rr fibril Sd Clust w/ Gd Para w/ NSO; NF; NC.

SH: gy-bk, sm micac
(sm Sd Clust-AA; NSO; NF; NC).

-1950

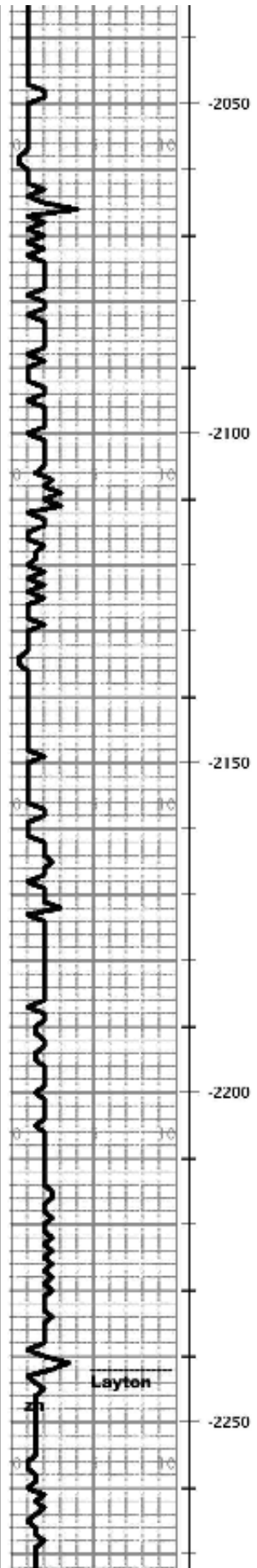
Pred SH: dk-gy & md-gy, sm micac
(Vln Sd Clust-AA; NSO; NF; NC).

-2000

SH-AA; Rr Sd Clust: gy-wh, Vln-fnGrd, silty, calc & Lmy, & Sndy LS w/ pred pr-NVP; NSO; NF; NC; sm dn-ux LS & Mdst w/ pr-NVP; NSO.

SH: gy-bk

Rr LS: bf-fn-gy, mol- Pkst w/ pr-NVP; NSO.



SS: Sd Clust: gy wh bl, Vln-InGrd, Rnd'd-subanglr, well sm't'd to fnbl w/ sm Fr-Gd Poro w/ NSO; NF; NC.

Prec SH: gy-bk, sm calc; (Vlr LS & Trc Sd Clust:AA; NSO).

SH:AA & SILTS: Lt-md-gy.

SH:AA; (Trc Sd Clust:AA; NSO).

Prec SH:AA, sm micac.

SH:AA.

SH: AA & sm SILTS:AA.

Trc LS: gy, Mdst.

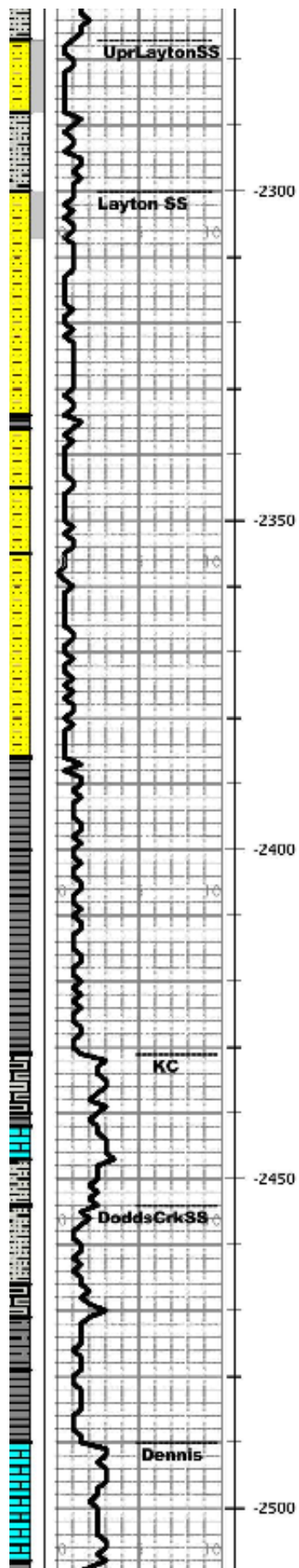
(Layton zone) SILTS: Lt-md-gy, micac; Trc SS-Sd Clust: Lt-gy, Vln-InGrd, subtrbl w/ pr Visbl Poro w/ Trc FLR & Trc SFO & Cut, Trc Oil Odor on brk.

SILTS: Lt-md-gy, micac, sm Sndy, sm calc & Lrry. Vpr-pr Visbl Poro w/ Trc FLR, Trc SFO & Cut; Vlr Sd Clust:AA; Vln-InGrd, Rnd'd-subanglr, subtrbl w/ pr Visbl Poro; Trc FLR, Trc SFO & Cut, Val Oil Odor on Brk.

2242' (-967)
Layton zone

{Trace Show Free
Oil (Trc SFO)}

{Trc SFO}



{Upper LAYTON SS} Sd Clusters: Lt-md-gy, Vln-mdGr'd, pred Vln-frGr'd, Rnd'd-subanglr, silty, micac, well omt'd to fribl w/ pr-Gd Visbl IGr.Poro: <20%~>10% w/ FLR (brt yel-wh-FLR in wet & dull FLR in dry) & SI-Fr SFO w/ brt FLR, & VL.C.STN (gy-in-subst-sat O.STN) SI-Fr Strmg-milky Cut, Vsl Oil Odor-Fr Odor on brk; sm SILTS & V.Silty Sd Clust: AA.

{LAYTON} SS: Abndt Sd Clust: Lt-gy-wh, bf-gy, Vln-mdGr'd; pred Vln-frGr'd, Rnd'd-subanglr, silty & micac w/ pr-Fr Visbl Poro; Rare(Fr) Ir bl Sd Clust w/ Gd Visbl Poro; <10% w/ FLR & L.O.STN & VSI Cut. ~5% w/ S/SFO & Cut. VSI Odor.

SS: Sd Clust: pred gy-bf, Vln-frGr'd, Rnd'd-subanglr, sm silty, sm micac, w/ pred pr-Fr Visbl Poro; Vln Vln-mdGr'd; Vln Fribl Sd Clust w/ Gd Poro; >99%Barren (Trc Sd Clust:AA w/ FLR-SFO-STN-Cut).

SS: Sd Clust:AA; SI incrs in prt mdGr'd, sm micac, sm sl shly- w/ bk SH; >99% w/ NSO (Trc FLR-SFO-Cut).

SS: Sd Clust:AA; >99%Barren w/ NSO (Trc FLR-SFO-STN-Cut). (~20% SH AA).

SS: Sd Clusters: gy-wh-bf, Vln-mdGr'd, Rnd'd-anglr, pred Vln-frGr'd, well-mod sort'd, sm silty, sm micac, sm sl shly, sm calc & clay omt, well omt'd to Fribl w/ pr-Gd Visbl Poro; pred Barren, (Trc Sd Clust w/ FLR-SFO-STN-Cut)

SS: Sd Clust:AA (~40%SH:gy-bk in 2400'spt).

SH: gy-bk,

Sharp incrs SH: dk-gy-bk subcarb.

>95% SH-AA.

{KC. LS: ~25% LS: lt-dk-gy, dr-Mst, sm argil-shly; & sm wh-subchiky to cnky; Vpr-NVP; NSO.

I S: gy-brn-om, mot, ux-frXln, & sm Pkst- fos w/ Vpr-NVP; NSO.

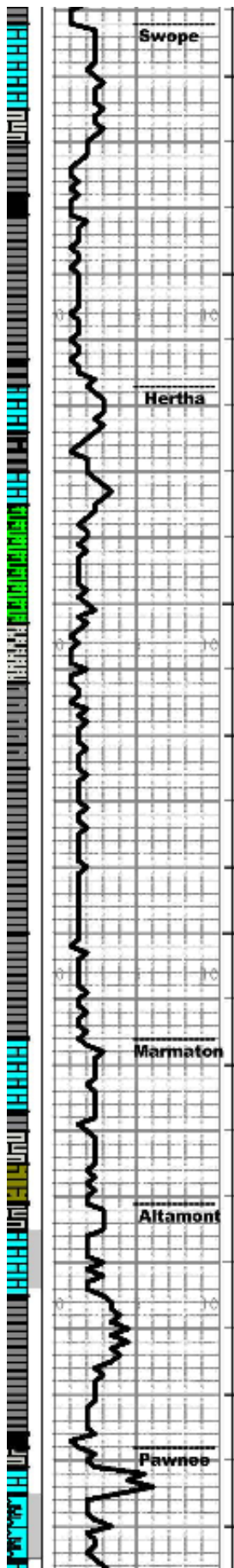
SILT: Lt-md-gy, micac, sm Sndy; pred VlnGr'd.

{DODDS CRK SS} Rr Sd Clust: Lt-gy, Vln-frGr'd, silty, well omt'd to Fribl w/ Vpr-Fr Visbl Poro, Trc FLR & Trc SFO & L.O.STN & Cut. Silty Sd Clust:AA >99%Barren (Trc FLR-SFO-STN-Cut) & SILTS:AA, sm LS: ln-gy-brn, ux- Rr frXln, Trc prt mdXln, & Wkst-Pkst- sil fos, sm prt wh-chiky; Vln Vpr-pr Visbl Poro: IXP & pp & IGr.Poro; Trc FLR-SFO-STN-Cut;

SH: gy-bk.

{DENNIS: I S: lt-dk-gy-br & cm, sm mot; abndt dr-ux, & Mds:Wkst, Rr Pkst; pred pr-NVP; Vln Vpr-pr Visbl Poro: IGr, pp, IXP w/ NSO & NC.

2277' (-1002)	Upper LAYTON SS (Slight to Fair Show Free Oil (SI-FrSFO)
2300' (-1025)	LAYTON SS (SISFO)
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
	{Trc SFO}
2431' (-1156)	KANSAS CITY
2454' (-1179)	DODDS CRK.SS (Trc SFO)
2490' (-1215)	DENNIS LS



SH: dk gy bk sm carb.
 {SWOPE} LS: dk Lt gy & cm wh, pred dn- Mdst, sm subchky to chky; pred Vpr NVP; NSO.

V. Abndt SH: dk-gy-bk, subcarb to V. carb.

SH: AA.

-2550

{HERTHA} LS: tn-gy-cm, ux-fnX; pred dn, sm cm-wh-prt chky; vpr-NVP; NSO; sm argil-shly LS & SH:AA.

LS:AA, & dn- argil- Mdst w/ Vpr-NVP; NSO; sm wh-subchky chky w/ Vpr-NVP; NSO.

Abndt SILTS: Lt-gy & gnish-gy, sm micac, & Sndy:VlnGrd; & Silty Sd Clust: gy, VlnGrd, sm sl calc, Vpr pr Visbl Poro; Trc FLR, NSFO.

-2600

SILTS: Lt-md-gy & gn-gy, sm Sndy:VlnGrd, sl micac; Vpr Visbl Poro; NSO.

SH: Lt-dk-gy, sm silty.

SH: md-dk-gy, sm bk-carb; Vrr mm-rd, & gn-gy, Vgr'd SH.

-2650

SH:AA, Vgr'd

{MARMATON} LS: tn-gy-wh, dn-Mdst-Wkst, & subchky to chky; Rr mat-Pkst-fos; pred Vpr-NVP; NSO

SH:AA; sm bk-carb.

LS: gy-bn-bk, ux-fnXln, tro mdX- 2nd ReX & Poro w/ NSO; & argil- Mdst

SH-SILTS: gy, calc.

{ALTAMONT} LS: Lt-dk-gy, tn-bn, ux-fnXln, Vrr ort mdXln-2nd ReX; Vrr (<5%) pr-Fr Visbl Poro w/ FLR & SISFO & O.STN & Sl Cut, VSI Oil Odor on Brk; pred dn- ux, & Mdst- sm argil & Wkst w/ Vpr-NVP.

-2700

SH: pred dk gy bk, sm bk carb.

SH: AA, incrs bk-carb.

{PAWNEE} LS: cm-bf-gy-ln, sm dn-ux, sm prt wh-chky, & Wkst-Pkst- sl fos w/ pr-Fr Poro; pg, lGr, & u-IXP, & sm Vln moide Poro; <10% w/ FLR & Lt-epfd.O.STN; ~5% w/ SISFO & milky Cut.

2512' (-1237)
 SWOPE LS

2567' (-1292)
 HERTHA LS

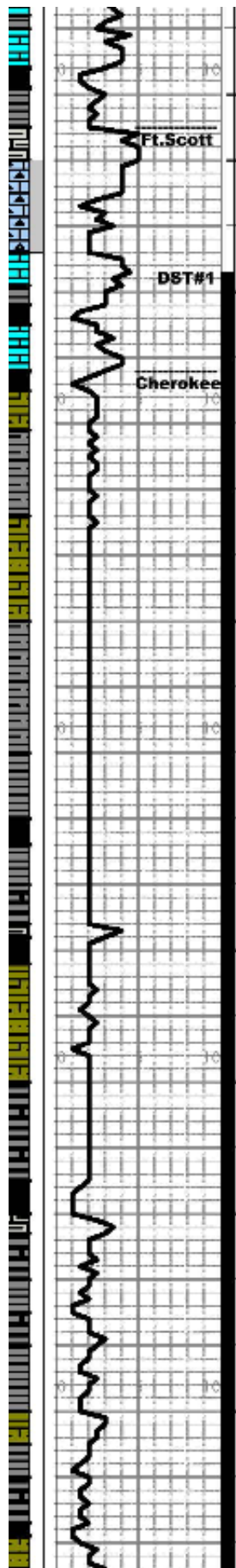
Mud-Co Report
 02/07/20@9:45am
 Drig @ 2545'
 Wt:9.6 Vls:53
 PV:18 YP:19
 pH:10.5 WL:6.4
 CT:1/32" Alka:0.9
 Cl:1550ppm Ca:60
 Solids: 9.2%
 LCM: 1/2#/bbl
 ECD: 10.39#/gal.

2666' (-1392)
 MARMATON

2691' (-1416)
 ALTAMONT
 {<5%Slight Show
 Free Oil (SISFO)}

2728' (-1453)
 PAWNEE LS

{~5% SI SFO}

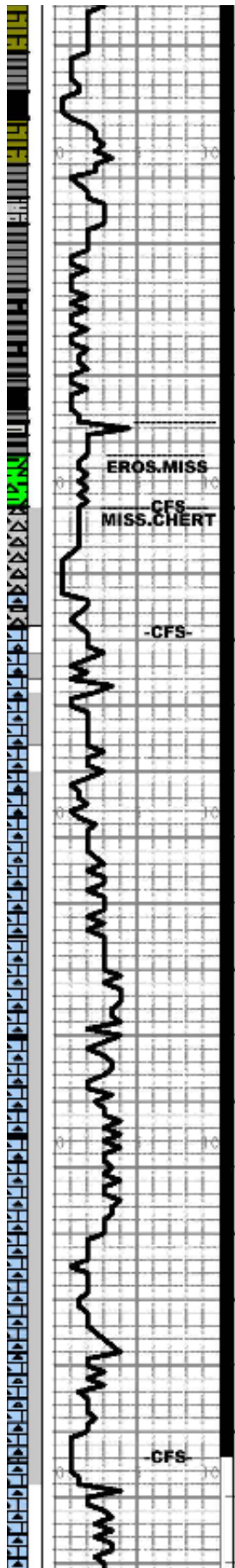


-2750
LS:AA, incrs dn-ux, sm chky, sm argil, pred pr-NVP & barren.
SH: sm bk-carb; abndt Vgr'd SH:gy & gn-gy & mm-nd.
Ft.Scott
{FT.SCOTT} LS: cm-Lt-dk-gy, & bf-tr, abndt dn & sm wh-
chky w/ pred Vpr-NVP & Barren;
LS: cm-gy-bf-tr, ux-VinXln, ~10% w/ pr-Fr Visbl Para; pin
poim (gp) u-IGr, u-IXP, & wug Para w/ sp'd sat FLR &
sp'd- subat O.STN; ~10% w/ SI-Fr SFO & Cut, Trc Coal
Visbl Para w/ Fr SFO FLR-STN/Cut, Sl Odor, Sl Cherty;
cm-gy, bl-gy, ope, sharp.
DST#1
LS: dk-gy-bn, tn, ux-dn- LS & Mdst.
SH: incrs bk-carb-V.carb.
LS: Lt-dk-gy-bn, & gy-tr-wh, dn-ux & Mdst; pred Vpr-NVP
w/ NSO.
Cherokee
{CHEROKEE} bk-carb-V.carb, sm pyrit.
SILTS: Lt-gy, sm sl calc; & SH:AA, & dk-gy, sm pyrit
(abndt LS-AA).
SILTS- SH: Lt-dk-gy, sm micac, sm sl calc.
SH: pred md-gy, silty, sl micac
SH: AA, & sm bk-carb-V.carb; Trc Coal.
SH: sm calc & Lmy;
Rr LS: gy-bn-bk, ux-dn & argil- Mdst w/ Vpr-NVP; NSO.
SH:AA; sm calc & Lmy; & sm L S:AA- Mdst; & SILTS: Lt-
md-gy, sm calc & Lmy.
SH: sharp incrs bk-subcarb-carb, sm calc & Lmy, sm
pyrit; sm Snzy SILTS.
SH:AA, sm bk-carb, sm calc & Lmy, sm md-gy- micac.
SH: Lt-dk-gy, sm micac, & sm bk-carb.
SH:AA, & SILTS: Lt-gy, micac.
SILTS: AA, sm calc & Lmy SH.

2765' (-1490)
FT. SCOTT

{~10%SI-Fr SFO}

2802' (-1527)
CHEROKEE



-3000 SH:AA; Incls bk-carb-V.carb SH & Rare(Rr) Coal

Vrr LS: gy, argil shly; Mdst Wkst & Pk'd Gst silty Sndy LS w/ Vpr NVP; NSO; & calc SILTS; pred SH:AA.

SH: dk-gy & bk-carb.

SH-SILT: pred dk-gy, sm pyrro; sm bk-carb.

Vrr LS: gy-bf-wh, ux-dn & Mdst; Trc Chert.

-3050 {EROS.MISS}Sharp incls in Chert: bf-gy-wh, pred sharp-sil Wht's; Trc Tripolitic w/ FLR-SFO-STN-Cut; sm LS:AA.

{MISS.CHERT} V.Abrdt (~60%) Chert: wh-gy-bf-w/ in-br-sp'd-sat-OSTN (spoiled to saturated Oil Stain) ~50% Weathered-SubTripolitic-Tripolitic w/ Fr-VGd Visbl Poro; pp (pin point) u-IGr, Vug & moldic Poro w/ FLR & OSTN w/SI-VGdSFO (Slight to V.Good Show Free Oil) w/ brt FLR (bright Fluorescence) SI-VGd Cut, (pred GdSFO-FLR-STN-Cut: ~5%-10% w/ sat FLR & OSTN) & sm ChertyLS:AB (as below) Strong Oil Odor.

LS: wh-bf-gy, sm chiky, sm granit-Pkst-Gst, fos, sm ux-frXln, sm silic & Cherty to V.Cherty; Vrr (Very rare) prt mdXln, sm (~10%) w/ pr-Fr Visbl Poro; pp, Vug, & IGr & IXP w/ sub-sat.O.STN & FLR & SI-Fr SFO & Cut, Trc Gd Visbl Poro w/ sat.O.STN & Fr-SFO & Cut; Fr Odor.

-3100 LS: gy-In-wh, mol-sm Pkst-Gst- fos, sm granit & Chert to V.Cherty; prt chiky, sm sil dolom; sm ux-Rare(Rr) prt mdXln, pred Vpr-pr Visbl Poro; Rr (rare) Fr-Gd Visbl Poro; IGr & IXP & pp-Vug Poro w/ SI FLR & sub-sat.O.STN & SI-Fr SFO & Cut, SI Odor to Fr Odor on brq(break).

LS: AA (As Above) sil incls in chiky LS; pred Vpr-pr Visbl Poro; Rr FLR-SFO-STN-Cut & SI Odor.

LS: gy-In-wh, mol- Pkst-Gst- fos & granit & ux- Vrr prt mdXln; Cherty; pred or Visbl Poro; Vrr Fr Visbl Poro; pp, IGr & IXP; ~5%~10% w/ sub-sat FLR & OSTN & SI-Fr SFO & Cut, SI Odor.

LS: gy-In-wh, sm mol- Wkst-Pkst, sil Cherty, pred Vpr-pr Visbl Poro; Vrr Fr Visbl Poro & Trc Gd Visbl Poro; IGr (Inter Granular) Poro & u-Frac's & Edges w/ FLR-SFO-STN Cut; (~5% w/ SISFO-FLR-STN-Cut) SI Odor.

-3150 LS:AA: ~5% w/ pr-Fr Visbl Poro w/ FLR-SFO-STN-Cut, SI Odor.

LS: gy-In-wh, sm mol- Wkst-Pkst- fos, & Trc Gst; sm ux-frXln, Cherty; Vrr (~5%) Fr-Gd Poro; IGr & IXP w/ sp'd-sub-sat FLR & O.STN & SI SFO & Cut, Trc Gd Visbl Poro w/ Sat.O.STN & FrSFO & Cut; & ~5% w/ u-Frac's & Edg's w/ FLR-SFO & Cut; VSI Odor; Cherty: gy & bu-gy & in, sm sharp & fos, Trc u-Frac's & Edg FLR w/ Trc SFO.

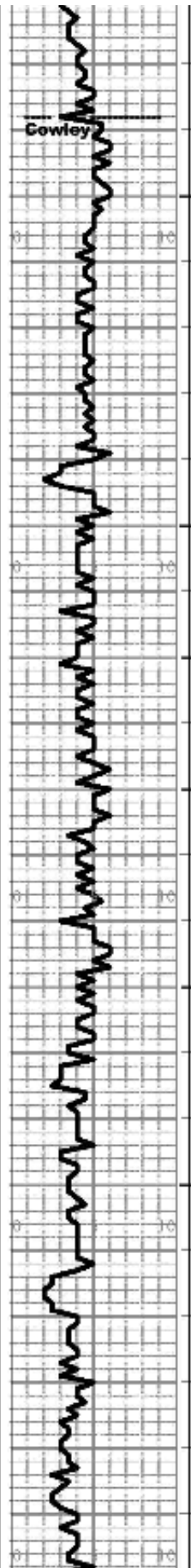
(Abrdt SH cavings in spils)

LS: bf-gy-In & wh- prt chiky- Wkst-Pkst, Cherty, & Pk'd-Gst w/ pr- Vrr-Gd Visbl Poro; u-IGr & u-l-fos;Poro; Vrr ux-mcXln w/Vrr Fr Poro w/FLR-SISFO-STN-Cut, Trc Gd Visbl Poro w/sat.O.STN-FLR;SI-FR-SFO&Cut, Vsl Odor. (after DST#1); LS: Vrr Visbl Poro: AA w/ FLR-SFO-STN-Cut & Vsl Odor (abrdt SH cavings in spils).

-3200 CFS

LS: wh-tr-gy, prt chiky- Wkst-Pkst- fos, Cherty; pred Vpr-pr Visbl Poro; pp, IGr-Poro; ~5% w/ Poro & u-Frac's & Edg's w/ FLR, Trc SFO-VLr-STN & Cut

3047'(-1772)	EROS. MISS (Trc SFO)	Mud-Co Report 02/08/20@9:15am Drig @ 3060'
3060'(-1785)	MISS.CHERT (SI-VGd SFO)	WT:9.4 Vls:53 PV:20 YP:20 pH:10.5 WL:7.2 CT:1/32" Alka:0.8 Cl:1200ppm Ca:60 Solids: 7.7% LCM: 3#/bbl ECD: 10.14#/gal.
3078'(-1803)	MISS. LS (SI-Fr SFO)	
	(SI-Fr SFO)	DST#1; Upr.MISS 2787--3204' 30-45-60-90min. IF: Wk blow, bldg to a strong blow; BOB in 29min; cont'd to build to ~15 inches. ISI: No Blow Back FF: Wk blow, bldg to Strong blow; BOB in 37min; cont'd to build~15" FSI: NBB. Rec:340VSI Oil spk'd Mud (<1%O) Tool sample: VSI Oil spk'd Mud (<1% Oil) IHP: 1386 IFP: 29--99 ISIP: 781 FFP: 104--195 FSIP: 774 FHP: 1349 Temp:107deg.F
	(SI SFO)	
	(SI-Fr SFO)	
	(SI-Fr SFO)	
	(SI-Fr SFO)	
	(SI-Fr SFO)	Mud-Co Report 02/09/20@11:am TIH w/blt@3204' WT:9.4+ Vls:56 PV:19 YP:17 pH:10.0 WL:6.4 CT:1/32" Alka:0.6 Cl:1400ppm Ca:60
	(Trc SFO)	



LS: sm AA; Abndt Lt-dk-gy, ux-VfnXln-dh & sm argil-Mdst; Trc u-Frac's & Edg w/ FLR & Trc SFO & Cut.

{Trc SFO}

Oil Properties
Solids: 7.8%
LCM: 3#/bbl
ECD: NC

{COWLEY} incrs Lt-dk-gy, ux-VfnXln, sm sl dolomo, prt argil; & Mdst- sm argil & shly w/ bk SH; pred Vpr-NVP; Trc u-Frac's & Edg's w/ FLR & Trc SFO & Cut.

3238'(-1963)
COWLEY
{Trc SFO}

LS: dk-lt-gy, Mdst, sl silic, & sl dolomo- ux-VfnXln, Trc u-Frac's & Edg's w/ FLR & Trc SFO on brk w/ FLR, & Trc Cut; >99% Barren w/ Vpr-NVP.

{Trc SFO}

LS: AA; incrs dk-gy-bk, argil Mdst w/ pred Vpr-NVP & >99%Barren, Trc FLR-SFO on brk.

{Trc SFO}

LS: dk-lt-gy, ux-VfnXln-dh, Vsl silic & Vsl dolomo, sm argil & Mdst; pred Vpr-NVP & >99%Barren, Trc u-Frac's & Edg's w/ FLR & Trc SFO on brk, & Trc residual Cut.

{Trc SFO}

LS: AA; Abndt argil- Mdst, sm sl silic, & sm sl dolomo- ux-VfnXln; pred Vpr-NVP & >99%Barren, Trc u-Frac's & Edg's w/ FLR & Trc SFO on brk & Vsl Resid.Cut.

{Trc SFO}

LS: pred dk-gy-bk, ux-dh sm silic & sl dolomo, & argil-Mdst; Trc u-Frac's & Edg's w/ FLR, Trc SFO- u-spts Free Oil on brk & Resid.Cut, & Rr wh-chiky LS; >99%Barren.

{Trc SFO}

LS: AA; w/ Trc u-Frac's & Edg's w/ FLR & Trc SFO & Resid.Cut, Vsl Cherty.

{Trc SFO}

LS: dk-lt-gy-tn, & gy-bk, ux-VfnXln, Vsl dolomo, & Mdst; Vsl Cherty; Trc u-Frac's & Edg's w/ FLR & 2nd ReX w/ FLR, Trc SFO (u-spts Free Oil on brk) & Residual Cut, >99%Barren w/ Vpr-NVP; Sl Cherty.

{Trc SFO}

LS: dk-lt-gy & gy-tn, pred dn- ux- sm sl dolomo & sm silic, & Cherty-dk-lt-gy, oqg, sharp; sm wh-chiky LS; pred Vpr-NVP; Trc u-Frac's & Edg's w/ FLR & Trc SFO (Trace Show u-spts Free Oil on break).

{Trc SFO}

LS: AA; sharp incrs in wh-chiky LS; & wh-gy-tn, ux-InXln & Wkst-Pkst; pred Vpr-pr Visbl Poro; Trc u-Frac's & Edg's w/ FLR; Trc SFO on brk.

{Trc SFO}

LS: gy-in-wh, prt chiky, AA; Vtr mdX's & CrsX's- 2nd ReX; Trc FLR & Trc SFO & Resid.Cut, >99% Barren; (sm SH cavings).

{Trc SFO}

LS: wh-gy-tn, prt chiky, Wkst-Pkst, & ux-InXln- sm 2nd ReX; Vtr Vpr-pr Visbl Poro; IGr & IXP, & u-Frac's & Edg's w/ FLR & Trc SFO-STN-Cut.

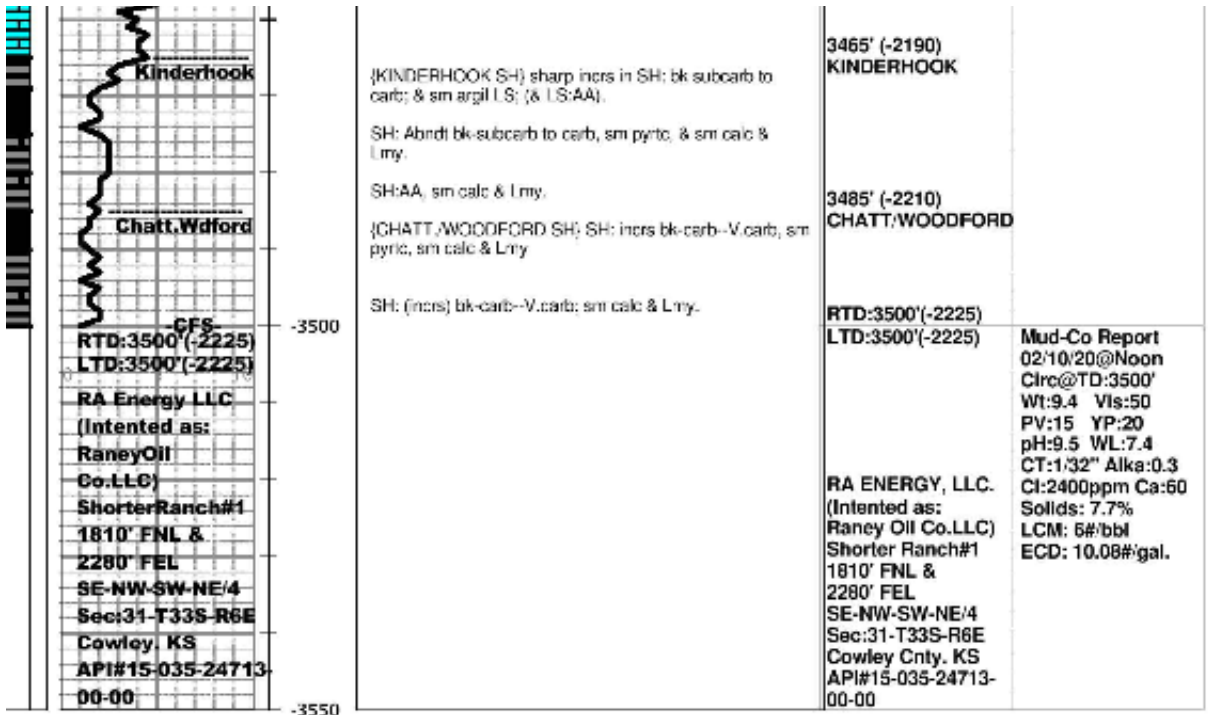
{Trc SFO}

LS: gy-in-wh, pred dn- ux-InX, & Mdst, Pred Vpr-NVP & Barren; sm argil.LS.

SH: (sharp incrs SH) dk-gy-bk subcarb, Rr carb SH; & md-gy & gn-gy, sm calc & Lmy SH.

LS: gy-in, dn-Mdst & ux- dn- Lithogr w/ Vpr-NVP; Trc u-Frac's & Edg's w/ FLR & Trc SFO & Resid.Cut, >99%Barren.

{Trc SFO}



DRILL STEM TEST REPORT

Prepared For: **Raney Oil Company, LLC**

4665 Bauer Brook Court
 Lawrence, KS
 66049

ATTN: Thomas Raney/Roger M

Shorter Ranch #1

31/33S/6E Cowley,KS

Start Date: 2020.02.09 @ 03:32:00

End Date: 2020.02.09 @ 10:37:39

Job Ticket #: 65425 DST #: 1

Raney Oil Company, LLC 31/33S/6E Cowley,KS Shorter Ranch #1 DS

Trilobite Testing, Inc
 PO Box 362 Hays, KS 67601
 ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.02.09 @ 11:45:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raney Oil Company, LLC

31/33S/6E Cowley, KS

4665 Bauer Brook Court
 Lawrence, KS
 66049
 ATTN: Thomas Raney/Roger M

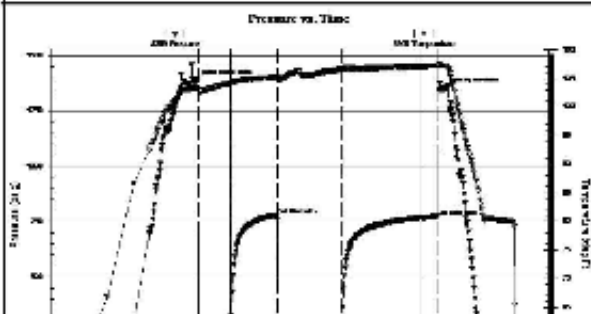
Shorter Ranch #1
 Job Ticket: 65425 **DST# 1**
 Test Start: 2020.02.09 @ 03:32:00

GENERAL INFORMATION:

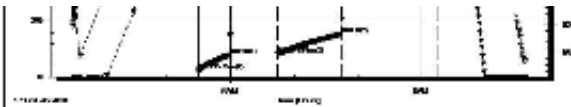
Formation: Upper Mississippian	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock ft (KB)	Tester: Jimmy Ricketts
Time Tool Opened: 05:29:50	Unit No: 80
Time Test Ended: 10:37:39	Reference Elevations: 1275.00 ft (KB)
Interval: 2787.00 ft (KB) To 3204.00 ft (KB) (TVD)	1267.00 ft (CF)
Total Depth: 3204.00 ft (KB) (TVD)	KB to GR/CF: 8.00 ft
Hole Diameter: 7.86 inches Hole Condition: Fair	

Serial #: 8369	Outside			Capacity: 8000.00 psig
Press@RunDepth: 195.27 psig @ 2788.00 ft (KB)				Last Calib.: 1899.12.30
Start Date: 2020.02.09	End Date: 2020.02.09	Time On Btm: 2020.02.09 @ 05:29:10	Time Off Btm: 2020.02.09 @ 09:21:00	
Start Time: 03:32:00	End Time: 10:37:39			

TEST COMMENT: IF - Weak blow building to strong blow 19 minutes into initial flow period. Continuing to build to 15 inches.
 FF - Weak blow building to strong blow 37 minutes into flow period. Continuing to build to 15 inches.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1386.04	103.21	Initial Hydro-static
1	28.95	102.83	Open To Flow (1)
31	99.28	104.03	Shut-in(1)
75	780.52	105.18	End Shut-in(1)
76	103.95	104.97	Open To Flow (2)
136	195.27	106.62	Shut-in(2)
227	774.45	107.17	End Shut-in(2)
233	1348.60	107.13	Final Hydro-static




Recovery		
Length (ft)	Description	Volume (bbl)
340.00	VSOSM Tr O % 100% M	4.77
0.00	TS - VSOSM Tr O & 100% M	0.00

Gas Rates		
Choke (ref/tee)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 65425

Printed: 2020.02.09 @ 11:45:17

 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT		FLUID SUMMARY
	Raney Oil Company, LLC 4665 Bauer Brook Court Lawrence, KS 66049 ATTN: Thomas Raney/Roger M	31/33S/6E Cowley, KS Shorter Ranch #1 Job Ticket: 65425 DST#: 1 Test Start: 2020.02.09 @ 03:32:00	

Mud and Cushion Information					
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in ²	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

Recovery Information		
Recovery Table		
Length ft	Description	Volume bbl
340.00	VSOSM Tr O % 100% M	4.769
0.00	TS - VSOSM Tr O & 100% M	0.000

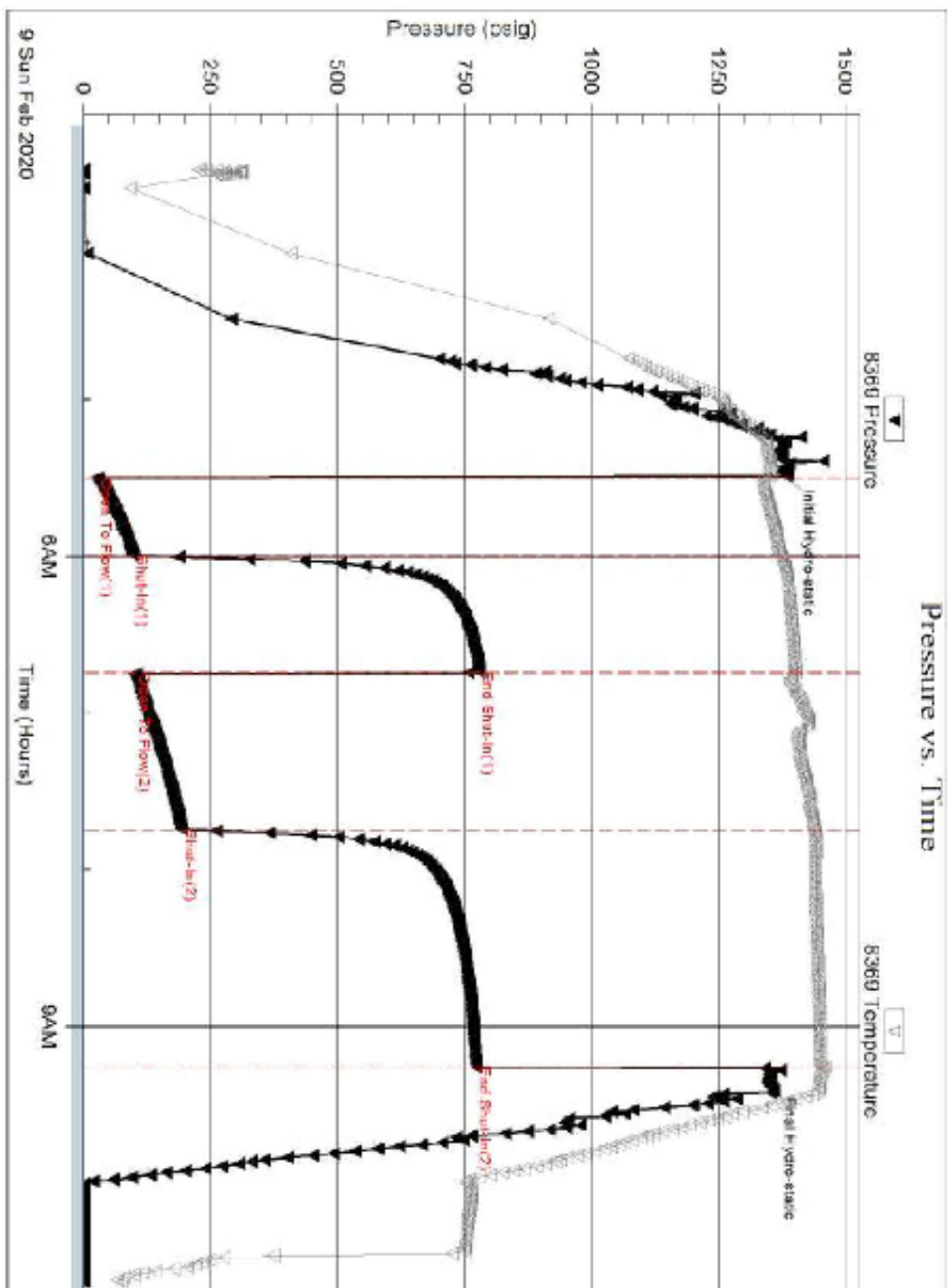
Total Length: 340.00 ft Total Volume: 4.769 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8369

Outside Raney Oil Company, LLC

Shooter Ranch #1

DS1 Test Numb




Tribble Testing, Inc

Ref. No: 63425


Printed: 2020.02.09




From: Kellie Leiker kellie.lasfiles@yahoo.com 
Subject: Log Copies
Date: August 20, 2020 at 12:37 PM
To: annraney@mac.com



RANEY_SHORTER_RA
NCH#1_POR.pdf

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To: annraney@mac.com



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Subject: Log Copies
Date: August 20, 2020 at 12:37 PM
To: annraney@mac.com




RANEY_SHORTER_RA
NCH#1_DIL.pdf



RANEY_SHORTER_RA
NCH#1_ML (1).pdf



From: Kellie Leiker kellie.lasfiles@yahoo.com 
Subject: Log Copies
Date: August 20, 2020 at 12:37 PM
To: annraney@mac.com



RANEY_SHORTER_RA
NCH#1_BVL.pdf



RANEY_SHORTER_RA
NCH#1_DIL.pdf



RANEY_SHORTER_RA
NCH#1_ML (1).pdf



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
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<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

August 20, 2020

Thomas Raney
Raney Oil Company, LLC
4665 BAUER BROOK CT.
LAWRENCE, KS 66049-9013

Re: ACO-1
API 15-035-24713-00-00
SHORTER RANCH 1
NE/4 Sec.31-33S-06E
Cowley County, Kansas

Dear Thomas Raney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 02/03/2020 and the ACO-1 was received on August 20, 2020 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department