

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	ANSTINE JARBOE 1
Doc ID	1639507

All Electric Logs Run

DIL
micro
sonic
comp. density





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



Cement or Acid Field Report  
 Ticket No. 6161  
 Foreman KEVIN MCCOY  
 Camp EUREKA

API # 15-035-24751

C&G  
 Daily  
 Co. #192

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
1-23-22	1375	Anstine Jarboe #1	7	345	6E	Cowley	Ks	
Customer RA Energy LLC			Safety Meeting KM SF SM		Unit # 104	Driver Shannon F.	Unit #	Driver
Mailing Address 11615 Rosewood St. Ste 100					110	Steve M.		
City Leawood		State Ks	Zip Code 66211					

Job Type SURFACE Hole Depth 330' K.B. Slurry Vol. 45 BBL Tubing \_\_\_\_\_  
 Casing Depth 315.61' G.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 19.2 BBL Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break Circulation w/ 10 BBL Fresh water. Mixing 190 SKS CLASS 'A' Cement w/ 3% CACL2, 2% GEL, 1/4" FLOSEAL @ 15\*/19AL yield 1.35 = 45 BBL Slurry. Displace w/ 19.2 BBL Fresh water. Shut casing in. Good Cement Returns to Surface = 13 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	890.00	890.00
C 107	60	Mileage	4.20	252.00
C 200	190 SKS	Class 'A' Cement	17.35	3296.50
C 205	535*	CACL2 3%	.69*	369.15
C 206	355*	GEL 2%	.28*	99.40
C 209	47*	FLOSEAL 1/4"/SK	2.60*	122.20
C108 B	8.93 TONS	Ton Mileage 60 miles	1.40	750.12
			Sub TOTAL	5779.37
			Less 5%	291.60
			Sales Tax 6.5%	252.67
Authorization <u>witnessed By Judd Gulick</u> Title <u>C&amp;G Daily Toolpusher</u>			Total	5730.44

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 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. 6198  
 Foreman David Gardner  
 Camp Eureka

API# 15-035-24751

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
1-29-22	1375	Anstine Jarboe #1	7	34S.	6E.	Cowley	KS	
Customer RA Energy, LLC			Unit #		Driver		Unit #	Driver
Mailing Address 11615 Rosewood St. Ste 100			105		Jason			
City Leawood			112		Braker			
State KS			110		Allen			
Zip Code 66211								

Job Type <u>Longstring</u>	Hole Depth <u>3215' K.B.</u>	Slurry Vol. <u>14 Bbl Lead 52 Bbl Tail</u>	Tubing _____
Casing Depth <u>3208.34'</u>	Hole Size <u>7 7/8"</u>	Slurry Wt. <u>13.3" - 13.8"</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2" 17"</u>	Cement Left in Casing <u>42.56' S.S.</u>	Water Gal/SK _____	Other _____
Displacement <u>76 Bbl</u>	Displacement PSI <u>800</u>	Bump Plug to <u>1300 PSI</u>	BPM _____

Remarks: Safety Meeting: 5 1/2" 17" casing set @ 3208.34'. Circulate w/ mud pump for 1 HR. Rig up to 5 1/2" casing. Break circulation w/ 8 Bbl fresh water. Mixed 50 SKS 60/40 Pozmix Cement w/ 6% Gel, 2" Phenoseal/sk @ 13.3"/gal, yield 1.57 = 14 Bbl slurry. Tail in w/ 150 SKS Thick Set Cement w/ 5" Kolseal/sk, 1" Phenoseal/sk, 1/3% CFL-115 @ 13.8"/gal, yield 1.94 = 52 Bbl slurry. Wash out pump + lines. Shut down. Release Latch Down plug. Displace plug to seat w/ 76 Bbl fresh water. (KCL in 1<sup>st</sup> 40 Bbl). Final pumping pressure of 800 PSI. Bump plug to 1300 PSI. Wait 2 mins. Release pressure. Float + Plug held good. Good circulation @ all times while cementing. Job complete. Rig down.

Plug Rathole w/ 20 SKS + Mousehole w/ 15 SKS  
Centralizers on # 2, 4, 6, 13, 19, 22, 24, 31 Baskets on # 5 + 7

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1100.00	1100.00
C107	60	Mileage	4.20	252.00
C203	85 SKS	60/40 Pozmix Cement	14.75	1253.75
C206	440#	Gel 6% <span style="font-size: 2em;">}</span> 50 SKS Lead Cement	.28	123.20
C208	170#	Phenoseal 2"/sk	1.45	246.50
C201	150 SKS	Thick Set Cement <span style="font-size: 2em;">}</span> Tail Cement	22.55	3382.50
C207	750#	Kolseal 5"/sk	.52	390.00
C208	150#	Phenoseal 1"/sk	1.45	217.50
C211	50#	CFL-115 1/3%	12.10	605.00
C108B	11.91 Tons	Ton Mileage - Bulk Trucks	1.40	1000.44
C691	1	5 1/2" Guide Shoe	193.00	193.00
C674	1	5 1/2" AFU Float Collar w/ Latch Down Insert	395.00	395.00
C604	2	5 1/2" Cement Baskets	260.00	520.00
C504	8	5 1/2" x 7 7/8" Centralizers	55.00	440.00
C421	1	5 1/2" Latch Down Plug	266.00	266.00
C222	2 1/2 Gals	KCL (in 1 <sup>st</sup> 40 Bbl Displacement Water)	30.00	75.00
			Sub Total	10,459.89
			Less 5%	549.34
			Sales Tax	526.98

Thank You

6.5%

Authorization by Roger Martin Title Geo. Total 10,437.53

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.



# ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

## GEOLOGIST'S REPORT

### DRILLING TIME AND SAMPLE LOG

COMPANY <b>RA ENERGY, LLC/CRANEY OIL COMPANY, LLC</b>		ELEVATIONS	
LEASE <b>ANSTINE JARBOE I</b>		KB <b>1124'</b>	GL <b>1115'</b>
FIELD <b>WALDSCHMIDT</b>		Measurements Are All From	
LOCATION <b>2258' FSL &amp; 2380' FEE</b>		KB	
SECTION <b>7</b>	TOWNSHIP <b>34S</b>	RANGE <b>06E</b>	API # <b>15-035-24751-00-00</b>
COUNTY <b>COWLEY</b>	STATE <b>KANSAS</b>		
CONTRACTOR <b>C&amp;G Drilling, Rig #2</b>		CASING	
SPUD <b>01/23/2022</b>	COMP <b>01/30/2022</b>	SURFACE <b>8.58" set at 315' KB</b>	
RTD <b>3215' (-2091)</b>	LTD <b>3213' (-2089)</b>	PRODUCTION <b>75 lbs 5 1/2" 1700' log set @ 3204' w/ 50' x 100' 6% Grd &amp; 150' x 100' set @</b>	
ELECTRICAL SURVEYS ELE: DIL, CDU/CNL/PE, MEL/SONIC			

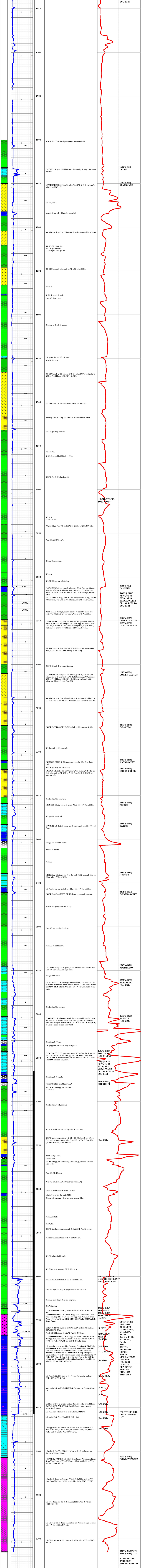
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
IATAN	1629' (-506)	1632' (-508)	
STALNAKER	1657' (-529)	1659' (-526)	01/23/2022: SPTD 12 1/4" hole. Rom 9.58" surface casing set @ 315' KB.
LANSING	2107' (-983)	2111' (-987)	
UPPER LAYTON	2145' (-1020)	2149' (-1025)	01/24/2022: WOC @ 315' @ 8:45 AM.
LAYTON RES SS	2159' (-1034)	2155' (-1031)	01/25/2022: Drilling @ 1435' @ 8:25 AM.
LOWER LAYTON	2257' (-1139)	2276' (-1146)	
KANSAS CITY	2296' (-1182)	2319' (-1160)	01/26/2022: TOH @ 2111' @ 4:15 AM.
DODDS CREEK	2315' (-1191)	2320' (-1196)	01/27/2022: TOH @ 2653' @ 8:10 AM.
DENNIS	2387' (-1233)	2389' (-1235)	01/28/2022: Run DST #1.
SWOPE	2399' (-1245)	2383' (-1259)	01/29/2022: Prev & run E-log. Rom 5.12" production casing.
HERTHA	2435' (-1311)	2439' (-1315)	01/30/2022: Finish running production casing.
BASE KANSAS CITY	2437' (-1313)	2401' (-1337)	Plug down. Release rig @ 8:00 AM.
MARMATON	2441' (-1317)	2448' (-1324)	
ALFAMONT	2567' (-1443)	2562' (-1448)	
PAWNEE	2598' (-1474)	2603' (-1479)	
PORT SCOTT	2640' (-1516)	2643' (-1519)	
CHEROKEE	2674' (-1550)	2678' (-1554)	
MISSISSIPPIAN	2693' (-1569)	2693' (-1569)	
MISSISSIPPIAN CHERT	2841' (-1719)	2841' (-1719)	
MISSISSIPPIAN LS	2964' (-1840)	2967' (-1837)	
COWLEY FACIES	3107' (-1994)	3107' (-1993)	
RTD/LTD	3213' (-2089)	3213' (-2091)	

**REMARKS:**

Production casing run by Ellis Cementing & Acid Services, LLC, Ticket # 6198:  
 Safety meeting 5:12 PM ending at 2200' Circulation in mud pump for 1 hr.  
 Rig up to casing. Break circulation at 1435' Fresh water. Mud @ 640' Pump cement w/ 0% gel, 20 Phenomethyl at 1330' gel, 2400' 1.75" 14 lb sherry. Tail in w/ 180' sds. Thickener w/ 64' Kolonak. 10 Phenomethyl, 10% CFS @ 1115' @ 13:00 gel yield 1.08 x 10<sup>6</sup> lbs sherry. Wash out pump & lines. Shut down. Release lach down plug. Displace plug to seat w/ 76 MB Fresh water (KCl in 14' @ 140'). Final pumping pressure of 180' mud. Pump plug to 1300' psi. Wait 2 mins. Release pressure. Plug @ 1300' psi. Wait 10 mins. Plug @ 1300' psi. Wait 10 mins. Plug @ 1300' psi. Plug complete. Rig down.

Plug rubble w/ 20 sds & mouseholes w/ 15 sds.  
 Contrallars on 02, 4, 6, 13, 19, 22, 24, 31. Buckets on 05, 07.  
 PWD=3169'. Shoe joint = Blue collar. 8.58" = 4E.

Respectfully submitted,  
 Roger L. Martin, Geologist



3215' (-2091) RTD  
 3213' (-2089) LTD  
 JARBOE #1  
 2258' FSL & 2380' FEE  
 Sec 7-34S-06E  
 COWLEY CO., KS  
 15-035-24751





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Raney Oil company LLC

**7-34s-6e Cowley Co Ks**

4665 Bauer Brook Ct.  
Lawrence, Ks. 66049

**Anstine Jarboe #1**

Job Ticket: 66724

**DST#: 1**

ATTN: Roger Martin

Test Start: 2022.01.28 @ 12:13:42

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:36:42

Time Test Ended: 22:07:27

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 68

**Interval: 2665.00 ft (KB) To 3057.00 ft (KB) (TVD)**

Reference Elevations: 1116.00 ft (KB)

Total Depth: 3057.00 ft (KB) (TVD)

1107.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8788**

**Inside**

Press@RunDepth: 158.87 psig @ 2666.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.28

End Date:

2022.01.28

Last Calib.:

2022.01.28

Start Time: 12:13:47

End Time:

22:07:27

Time On Btm:

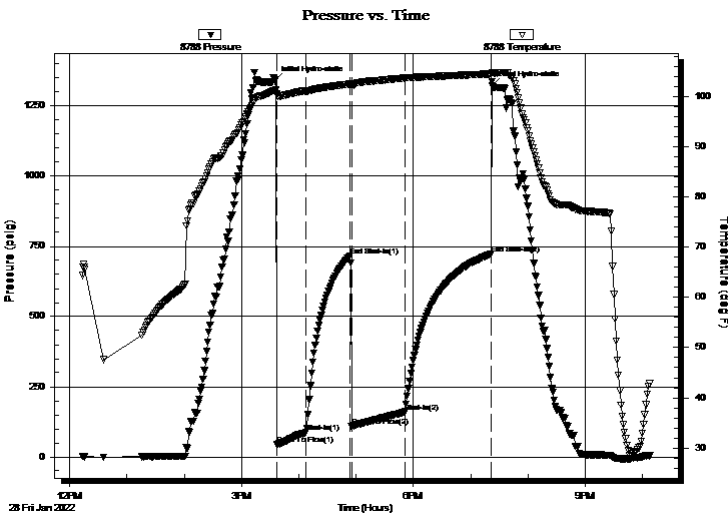
2022.01.28 @ 15:34:42

Time Off Btm:

2022.01.28 @ 19:22:27

**TEST COMMENT:** IF: Fair Blow . Built to 8 3/4" in the Bucket. (30)  
IS: No Blow . (45)  
FF: Fair Blow . Built to 6 1/4" in the Bucket. (60)  
FS: No Blow . (90)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1339.60	101.21	Initial Hydro-static
2	45.69	100.51	Open To Flow (1)
33	88.22	101.01	Shut-In(1)
79	715.47	102.48	End Shut-In(1)
81	107.31	102.23	Open To Flow (2)
136	158.87	103.69	Shut-In(2)
227	722.71	104.51	End Shut-In(2)
228	1322.34	104.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	OSM 100% m	1.90
0.00	TS HOSM 100% m almost 1% o	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Raney Oil company LLC

**7-34s-6e Cowley Co Ks**

4665 Bauer Brook Ct.  
Lawrence, Ks. 66049

**Anstine Jarboe #1**

Job Ticket: 66724

**DST#: 1**

ATTN: Roger Martin

Test Start: 2022.01.28 @ 12:13:42

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:36:42

Time Test Ended: 22:07:27

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 68

**Interval: 2665.00 ft (KB) To 3057.00 ft (KB) (TVD)**

Reference Elevations: 1116.00 ft (KB)

Total Depth: 3057.00 ft (KB) (TVD)

1107.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8737 Outside**

Press@RunDepth: psig @ 2666.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.28

End Date: 2022.01.28

Last Calib.: 2022.01.28

Start Time: 12:13:10

End Time: 22:06:50

Time On Btm:

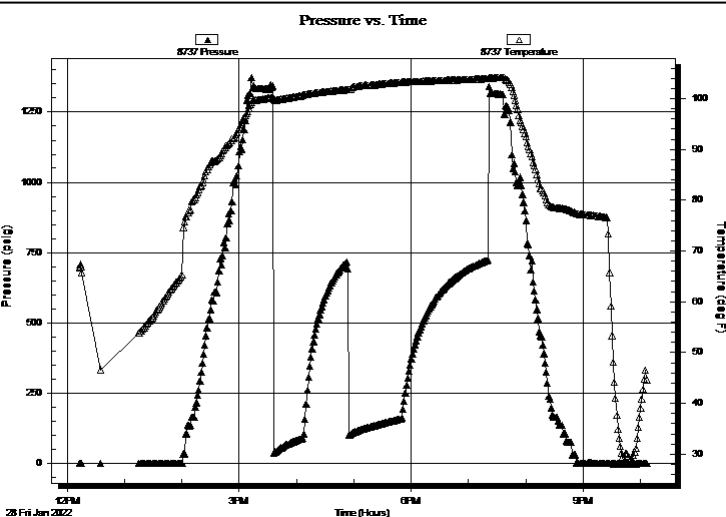
Time Off Btm:

**TEST COMMENT:** IF: Fair Blow . Built to 8 3/4" in the Bucket. (30)

IS: No Blow . (45)

FF: Fair Blow . Built to 6 1/4" in the Bucket. (60)

FS: No Blow . (90)



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	OSM 100% <sub>m</sub>	1.90
0.00	TS HOSM 100% <sub>m</sub> almost 1% <sub>o</sub>	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Raney Oil company LLC

**7-34s-6e Cowley Co Ks**

4665 Bauer Brook Ct.  
Lawrence, Ks. 66049

**Anstine Jarboe #1**

Job Ticket: 66724

**DST#: 1**

ATTN: Roger Martin

Test Start: 2022.01.28 @ 12:13:42

## 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:

1100 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 0.29 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
250.00	OSM 100% <sub>m</sub>	1.904
0.00	TS HOSM 100% <sub>m</sub> almost 1% <sub>o</sub>	0.000

Total Length: 250.00 ft      Total Volume: 1.904 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: Tool Sample was almost 1% Oil.

