

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](mailto: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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# FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269  
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0950  
 LOCATION Hoxie  
 FOREMAN Sack

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-25-23	32705	Dorzweiler #2	19	11	20	Ellis


CUSTOMER  
Raney Oil Co LLC  
 MAILING ADDRESS  
4665 Bower Brook ST  
 CITY Laurence STATE Ks ZIP CODE 66049

TRUCK #	DRIVER	TRUCK #	DRIVER
103	CK		
202	SI		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 223' CASING SIZE & WEIGHT 8 5/8"  
 CASING DEPTH 223' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Set up on White Knight. Ran casing & circulated mud. Pumped cement & disp w/ 13.25 BBL. Circulated good cement to pit. Shut in at 1530

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE <u>Surface</u>	\$1150 <sup>00</sup>	\$1150 <sup>00</sup>
M001	83	MILEAGE	\$6 <sup>50</sup>	\$539 <sup>50</sup>
M002	7.92	TMD	\$986 <sup>04</sup>	\$986 <sup>04</sup>
CR004	160 SV	class A 3% cc 2% gel	\$25 <sup>50</sup>	\$4080 <sup>00</sup>
			sub total	\$14,755 <sup>54</sup>
			less 5% disc.	\$337 <sup>77</sup>
			sub total	\$14,417 <sup>77</sup>
			SALES TAX	271.32
			ESTIMATED TOTAL	6689.09



AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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TICKET NUMBER 0957  
 LOCATION Victoria  
 FOREMAN Tam Williams

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-31-23	32705	Danzweiler #2	19	11	20W	Ellis

CUSTOMER Raney Oil Company LLC  
 MAILING ADDRESS 4665 Bauer Brook Ct.  
 CITY Lawrence Long STATE KS ZIP CODE 66049

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Tam W		
201	Chris K		
	Preston D		

JOB TYPE Part Collar String HOLE SIZE \_\_\_\_\_ HOLE DEPTH 3800' CASING SIZE & WEIGHT 5 1/2" 15.5#  
 CASING DEPTH 3499' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting - Ran Flat equipment + set up on Whiteknight. Hooked up head + manifold. Circulate 1 hr. Mix 500 gal mud flush followed by 20 bbl KCH. Mix 30 st 60/40 49# for rat hole. Mix 150 st OWL. Wash up + displace plug. Plug down 4 am

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL003	1	PUMP CHARGE Part Collar	\$1850.00	\$1850.00
MO01	40	MILEAGE	\$15.00	\$210.00
MO02	9.96 tons	Ton Mileage Delivery	\$600.00	\$4600.00
MO04	40	medium truck charge	\$1.50	\$60.00
CB030	<del>150</del> x 150 st	Class A 10% salt 20 gal / 0.20 lbs / 5# / 100 gal	\$29.55	\$4432.50
FE0033	1	AFU 5 1/2" Guide shoe	\$100.00	\$100.00
FE051	1	5 1/2" Latch down plug assy.	\$195.00	\$195.00
FE014	7	5 1/2" Carbolizer	\$108.00	\$756.00
FE022	3	5 1/2" basket	\$385.00	\$1155.00
FE102	3	5 1/2" stop ring	\$35.00	\$105.00
FE060	1	5 1/2" part collar	\$3000.00	\$3000.00
CE003	1	Head + manifold	\$200.00	\$200.00
CB010	30 st	60/40 49# 1/4" Flouval	\$17.35	\$520.50
CP013	500 gal	mud Flush	\$1.00	\$500.00
CP014	2 gal	KCH	\$30.00	\$60.00
			sub total	\$14,794.00
			less 5% disc.	\$739.70
			sub total	\$14,054.30
			SALES TAX	803.59
			ESTIMATED TOTAL	14857.89

AUTHORIZATION Frank Quinting TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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# FRANKS Oilfield Service

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 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0976

LOCATION Victoria

FOREMAN Tom Williams

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-22-23		Portzwickler #3				Ellis

CUSTOMER Randy O. I  
 MAILING ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Tom W		
2/301	Jed T		
	<del>Tom</del>		
	Chris K		

JOB TYPE Part Coker HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING 2 7/8" OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: 1st try, waiting & set up on well. Spot 100lbs sand with 9132  
 found part coker. Pressure to 950 psi - good. Release pressure & spot  
 spot 500 gal. Open part coker. Pump another loss gel & circulate  
 mix 10.5% G/HC 80gal to circulate. Displace & shut part coker.  
 Pressure up to 950 psi - good. Ran 5 joints & wash clean. Ran down  
 to plug & circulated sand. 34100

*Thanks Tom & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL003	1	PUMP CHARGE Part coker	\$1150.00	\$1150.00
MO01	38	MILEAGE	\$1.50	\$247.00
MO02	2.59 tons	Ton Mileage Delivery	\$600.00	\$600.00
CB021	16554	60/40 5% gel 1/4" slused	\$17.95	\$2961.75
			subtotal	\$4958.75
			less 5% disc.	\$247.93
			subtotal	\$4710.82
			SALES TAX	196.96
			ESTIMATED TOTAL	4907.78

AUTHORIZATION Frank Dauter TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Andrew J. French, Chairperson  
Dwight D. Keen, Commissioner  
Annie Kuether, Commissioner

Laura Kelly, Governor

October 19, 2023

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

Re: ACO-1  
API 15-051-27084-00-00  
DORZWEILER 2  
SW/4 Sec.19-11S-20W  
Ellis County, Kansas

Dear Tom 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 05/24/2023 and the ACO-1 was received on October 11, 2023 (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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Rainey Oil CO LLC  
4665 Bauer Brook Ct  
Lawrence KS 66049-9013  
ATTN: Duane Steckline

**19-11-20w**  
**Dorzweiler #2**  
Job Ticket: 70332      **DST#: 1**  
Test Start: 2023.05.29 @ 06:30:00

## GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 14:05:15

**Interval: 3495.00 ft (KB) To 3540.00 ft (KB) (TVD)**

Total Depth: 3540.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole (Initial)

Tester: Terrance

Unit No: 75

Reference Elevations: 2204.00 ft (KB)

2199.00 ft (CF)

KB to GR/CF: 5.00 ft

## Serial #: 8957

Press@RunDepth: 447.50 psig @ 3503.00 ft (KB)

Start Date: 2023.05.29

Start Time: 06:30:05

End Date:

End Time:

2023.05.29

14:05:14

Capacity: 8000.00 psig

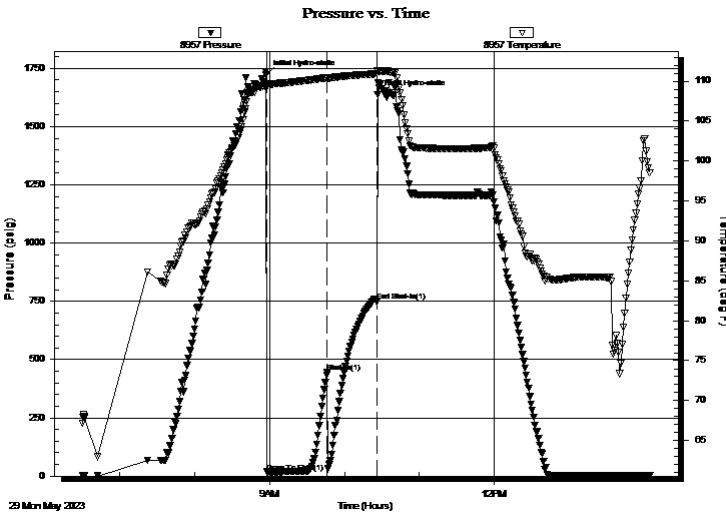
Last Calib.: 2023.05.29

Time On Btm: 2023.05.29 @ 08:57:15

Time Off Btm: 2023.05.29 @ 10:26:30

TEST COMMENT: IF-30-Weak surface blow  
IS-45-No return  
pulled tool

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.13	109.68	Initial Hydro-static
1	18.29	109.22	Open To Flow (1)
49	447.50	110.43	Shut-In(1)
89	750.62	110.92	End Shut-In(1)
90	1637.39	111.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	OSM	0.01

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Rainey Oil CO LLC

**19-11-20w**

4665 Bauer Brook Ct  
Lawrence KS 66049-9013

**Dorzweiler #2**

Job Ticket: 70332

**DST#: 1**

ATTN: Duane Steckline

Test Start: 2023.05.29 @ 06:30:00

### 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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	OSM	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

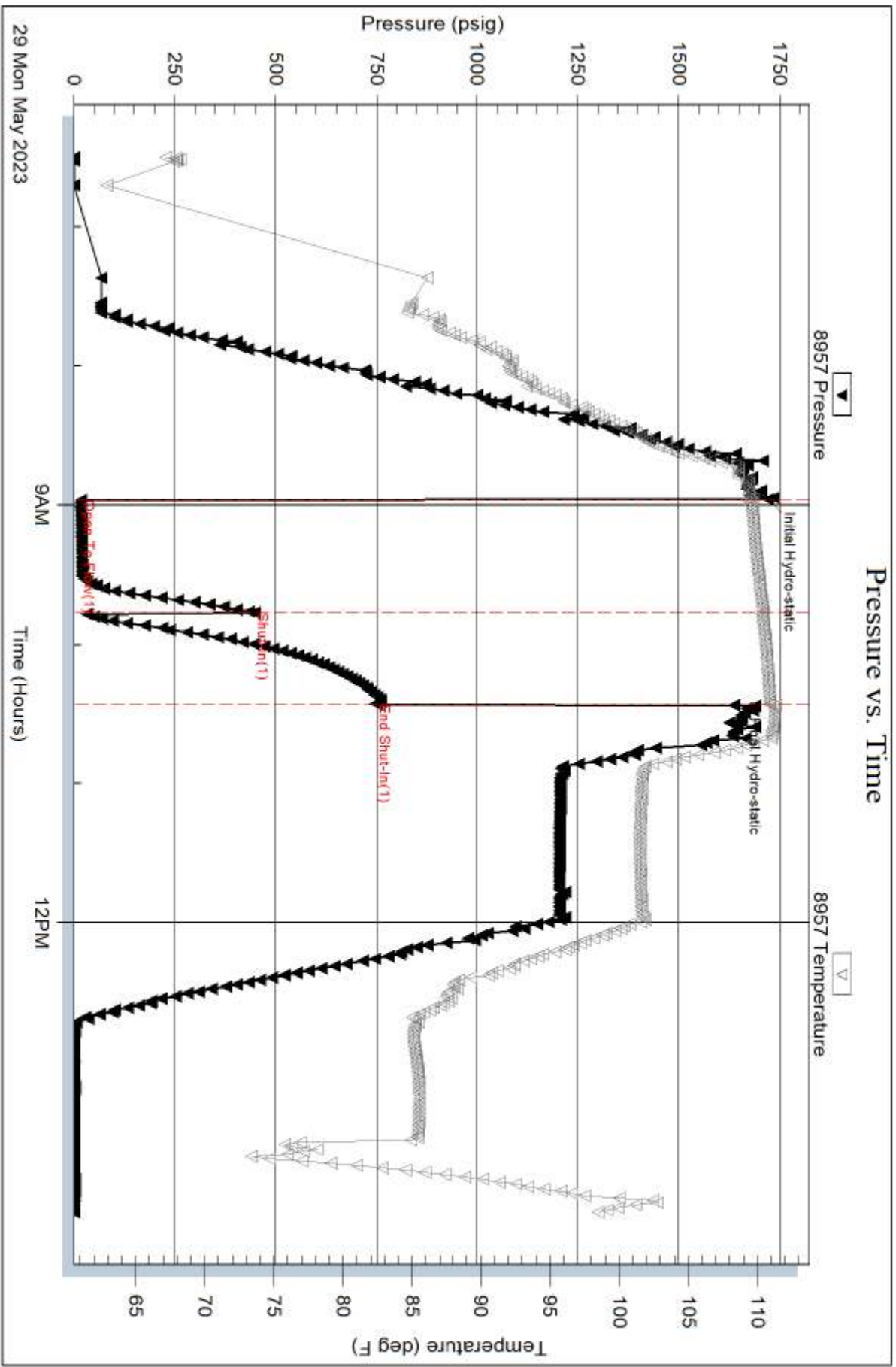
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



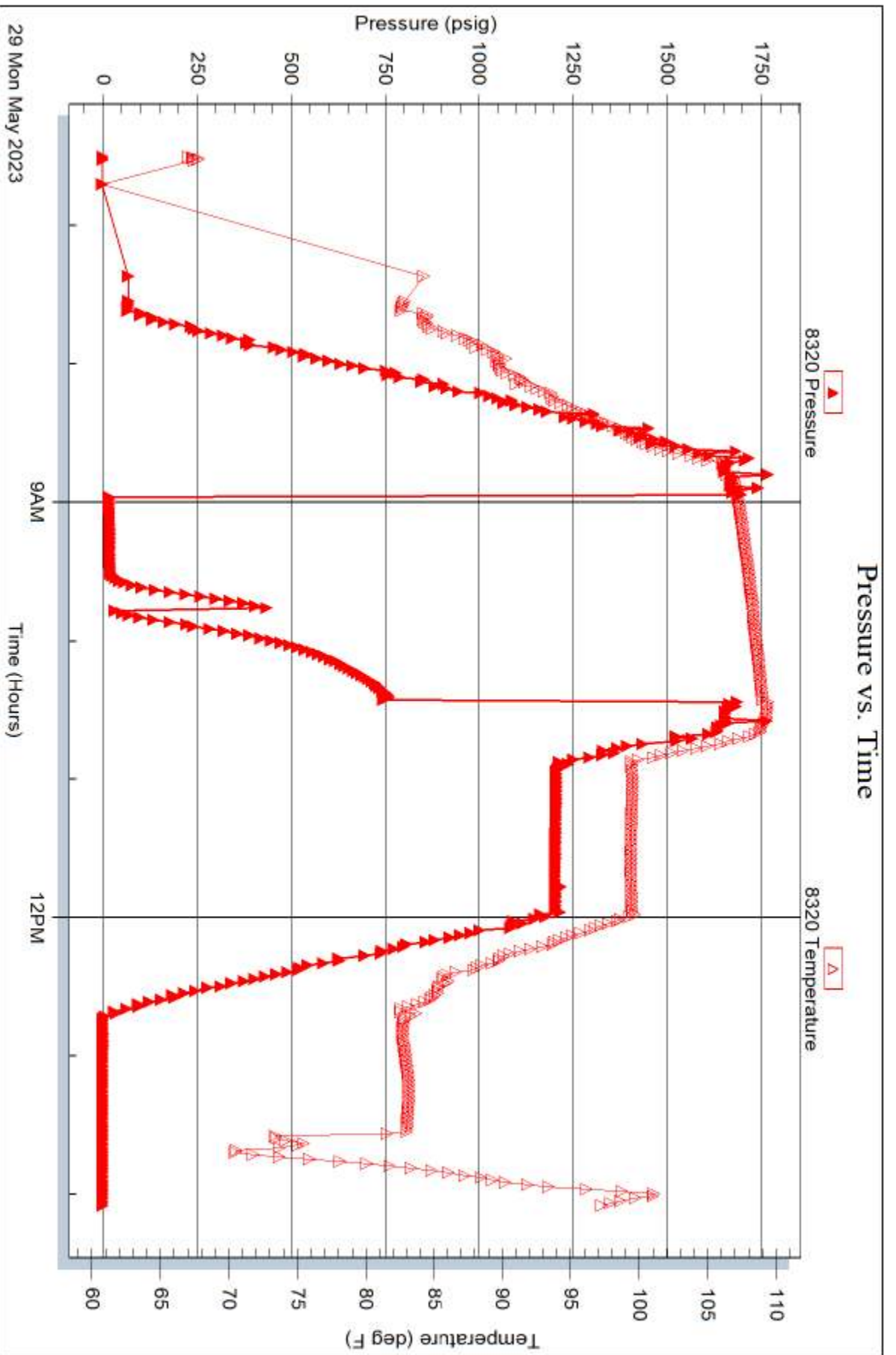


Serial #: 8320

Rainey Oil CO LLC

Dorzweller #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 70332

Printed: 2023.05.29 @ 15:36:43

**Duane Stecklein**  
Petroleum Geologist  
579 280<sup>th</sup> Ave.  
Hays, Kansas 67601  
785-432-2477

## **GEOLOGICAL REPORT**

**Raney Oil Company, LLC**  
**Dorzweiler #2**  
**SW – NW – NE - SW**  
**2235' FSL 1625' FWL**  
**SEC. 19 TWP 11S RGE 20W**  
**Ellis County, Kansas**

**COMMENCED: 5-24-23**  
**COMPLETED: 5-31-23**  
**CONTRACTOR: White Knight Drilling**  
**SURFACE PIPE: 8 ½ at 220'**  
**PRODUCTION PIPE: 5 ½ at 3799'**

**June 3, 2023**

## Formation Data

Elevation: (2201 K.B.) – (2196 G.L.)

All top formations measured from 2201 K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite		
Topeka	3266	-1065
Heebner	3495	-1294
Toronto	3522	-1321
Lansing-K.C.	3537	-1336
Base-K.C.	3794	-1593
RT.D.	3800	-1599

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite	1625	+576
Topeka	3272	-1071
Heebner	3498	-1297
Toronto	3523	-1322
Lansing-K.C.	3540	-1339
Base-K.C.	Note: Not Logged	
R.T.D.	3782	-1581

All samples were examined and described by me on actual location and did not start until a depth of 3200' was reached. All zones and sample tops examined are all true and accurate according to drillers depth.

One foot drilling time was logged from a depth of 3100' to 3800', and all zones were examined by ten foot samples at a rotary depth of 3200' to 3450'. Five foot samples were examined from a rotary depth of 3455' to 3540'. Twenty foot samples were examined from a rotary depth of 3560' to 3800'.



## Sample Description

Following are the pertinent geological formation and all zones of subject well Dorzweiler #2.

### THE FOLLOWING ZONES WERE NOTED:

TOPEKA (Oread Lime)	3442-3446	Dolomitic Limestone – cream to buff, fine crystalline to tight porosity, friable in part, show of free oil when broken.
	3486-3492	Limestone – cream to buff, very fine crystalline, friable in part, poor to fair inter porosity with a show of free oil, when broken.
TORONTO	3524-3526	Limestone – buff, very fine crystalline, poor inter porosity, show of free oil, no odor.
LANSING K.C. (A-Zone)	3540-3544	Limestone – tan to brownish, very fine crystalline, poor inter porosity, show of saturated stain to free oil in pin point, no odor, looks tight.
(B-Zone)	3563-3566	Limestone – buff, fine tight crystalline to a small show of light oil stain.
(C-Zone)	3578-3583	Limestone- cream to buff, fine crystalline, fair to poor inter porosity with a show of free oil.
(D-Zone)	3602-3604	Limestone – buff, very fine tight crystalline, show of an oil stain to free oil in pin point, no odor.
(F-Zone)	3625-3632	Limestone – off white, dense to fine crystalline, poor to fair inter porosity, small show of free oil in pin point.

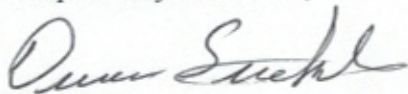
(G-Zone)	3638-3648	Limestone – buff to cream, fine to medium crystalline in part, with a small show of oil stain, friable, no odor.
(H-Zone)	3683-3687	Limestone – white to buff, fine to medium crystalline in part, slightly oolitic with fair to poor inter porosity, show of free oil when broken.
(I-Zone)	3704-3709	Limestone – white to cream, poor inter porosity, may be fractured, show of free oil floating in sample.
(J-Zone)	3726-3734	Limestone – white to buff, fine crystalline in part with a saturated stain.
(K-Zone)	3748-3756	Limestone – sandy dolomitic in part,, fine crystalline to dense saturated stain to free oil in pin point.
BASE K.C. (L-Zone)	3774-3778	Limestone- sandy dolomitic, buff to brownish, fine crystalline, good stain and saturation to free oil, slight odor when broken, cherty in part and a show of vuggular porosity. Dolomite- weathered grayish, buff, fine to medium crystalline, cherty, show of some free oil and staining.



## Remarks and Conclusion

During the drilling of the Dorzweiler #2, the subject well ran 56 feet low to the Martin #3 and 53 feet low to the Vance #1. A Drill Stem Test was taken from 3495' to 3540', the recovery was 2' of oil spot mud. When coming out of hole with test tool it pulled tight out of hole. After well reached R.T.D. depth of 3800', it was circulated and pipe was stuck in hole. Oil was used to free the pipe. Went in for Open Hole Log and hit a bridge at 3388', could not get down and came back out. Went in with drill pipe and hit bridge at 3500'. Conditioned hole down to R.T.D. then started coming out of hole hit bridge at 3510'. Well was not drilled lower than the BASE KC, due to the low structure of the well and that the Arbuckle does not show to be productive in the wells in SEC 19 - 11S-20W of Ellis County, operator of Raney Oil Company LLC decided to run casing to further test the Dorzweiler #2. A Cased Hole Log was taken.

Respectfully submitted,



Duane Stecklein, Geologist





# TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

TEST FORM

NO. 70332

Well Name & No. Dorzweiler #2 Test No. 1 Date 5-29-23  
 Company Rainey Oil Co. LLC Elevation \_\_\_\_\_ KB \_\_\_\_\_ GL \_\_\_\_\_  
 Address 4665 Bavel Brook Ct. Lawrence, KS 66049-9013  
 Co. Rep / Geo Dore Steckline Rig White Knight #1  
 Location: Sec. 19 Twp 11 Rge. 20W Co. Ellis State KS

Interval Tested 3495-3540 Zone Tested LKC  
 Anchor Length 45 Drill Pipe Run 3352 Mud Wt. 9.3  
 Top Packer Depth ~~3495~~ 3495 Drill Collars Run 119 Vis 5.8  
 Bottom Packer Depth ~~3540~~ 3540 Wt. Pipe Run \_\_\_\_\_ WL 6.0  
 Total Depth 3540 Chlorides 4600 ppm System \_\_\_\_\_ LCM 1  
 Blow Description IF - 30 - Weak Surface Blow  
IS - 45 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>OSM</u>			<u>100</u>	

Rec Total 2 BHT 110 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 Initial Hydrostatic 1722  Test \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Flow 18 to 447  Jars \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 750  Circ Sub \_\_\_\_\_  Hotel \_\_\_\_\_  
 Final Flow \_\_\_\_\_ to \_\_\_\_\_  Hourly Standby \_\_\_\_\_  EM Tool Successful \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_  Mileage 162  Accessibility \_\_\_\_\_  
 Final Hydrostatic 1637  Sampler \_\_\_\_\_  Gas Sample \_\_\_\_\_  
 T-On Location 5:00  Straddle \_\_\_\_\_  Sub Total \_\_\_\_\_  
 Initial Flow 30 T-Started 10:30  Shale Packer \_\_\_\_\_  Total \_\_\_\_\_  
 Initial Shut-In 45 T-Open 8:56  Extra Packer \_\_\_\_\_  Tool Loaded \_\_\_\_\_ @ \_\_\_\_\_  
 Final Flow \_\_\_\_\_ T-Pulled 9:30  Extra Recorder \_\_\_\_\_  MP/DST Disc't \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_ T-Out 14:00  Day Standby \_\_\_\_\_  
 Comments Big had to fix chain in Drucks

Approved By Thanks Our Representative Terrance Wickham

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



## Sample Description

Following are the geological zones of interest for subject well Dorzweiler #2

### THE FOLLOWING ZONES WERE NOTED:

TOPEKA (Oread Lime)	3442-3447	
LANSING – K.C.		
(A-Zone)	3550-3557	
(C-Zone)	3578-3582	
(G-Zone)	3640-3646	
(I-Zone)	3704-3709	Questionable-(May be fractured)
(J-Zone)	3732-3736	Questionable
(K-Zone)	3748-3754	
(L-Zone)	3774-3778	