

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
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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	Culbreath Oil & Gas Company, Inc.
Well Name	ROHLER 1
Doc ID	1461975

All Electric Logs Run

Directional
Micro
Resistivity
Porosity
Sonic



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

TICKET NUMBER 55994
 LOCATION Oakley Ks
 FOREMAN Cory Davis

FIELD TICKET & TREATMENT REPORT
CEMENT

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
4-24-19	2777	Rohleder #1	7	8 ^s	26w	Graham																
CUSTOMER Culbreath oil+Gas inc			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>753</td> <td>Cory D</td> <td></td> <td></td> </tr> <tr> <td>566</td> <td>Kalah C</td> <td></td> <td></td> </tr> <tr> <td>703</td> <td>Xavier C</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	753	Cory D			566	Kalah C			703	Xavier C		
TRUCK #	DRIVER	TRUCK #	DRIVER																			
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566	Kalah C																					
703	Xavier C																					
MAILING ADDRESS			Flexic 4s 5+0420406 13 west 7000 110 IN 1/4 mile																			
CITY	STATE	ZIP CODE																				

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting rig up on STD Drilling circ. mud Plug as ordered @ 2345
 #1 Pump 5 BBL H2O ahead mix 8 BBL cement/50 sks wash up with 5 BBL water Pump 2 min mud
 #2 @ 1450' mix 16 BBL cement/100 sks Displace 5 BBL water
 #3 @ 325' mix 8 BBL cement/50 sks Displace 2 BBL H2O
 #4 @ 40' Push 8 5/8 Plug down mix 2 BBL cement/15 sks
 R.H. mix 4 BBL cement for wash up + Rig down

Thanks Cory + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0002	30	MILEAGE	7.15	214.50
CE0711	10.32	Tonmileage Delivery min	1.75	660.00
CC5829	240 sks	Lite-Weight Blend	16.00	3,840.00
CP8228	1	8 5/8 wooden Plug	165.00	165.00
			sub total	6,119.50
			25% Dis	1,529.88
			sub total	4,589.62
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

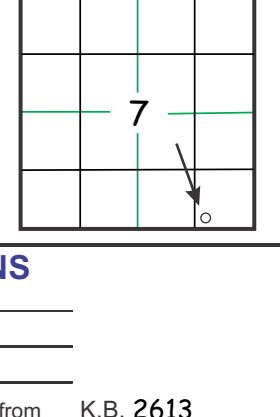
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

GEOLOGICAL REPORT

Larry A. Nicholson

NAD 83
39 27791574
-100.14906001

COMPANY Culbreath Oil & Gas Company, Inc.
 LEASE Rohleder #1-17 SW SW SE SE
 LOCATION 272' FSL 1200' FEL SEC. 7 TWP. 9S RGE. 25W
 COUNTY Graham STATE Ks



CONTRACTOR STP Drilling LLC Rig # 1
 SPUD 04-18-19 8:00 am COMP. _____
 RTD 4200 LTD 4198 4-23-19
 MUD UP AT 3426 9:35 pm
 MUD TYPE Chemical, Andy's Aaron Blew

ELEVATIONS
 K.B. = 2613
 D.F. _____
 G.L. = 2606
 All measurements from K.B. 2613

SAMPLES SAVED FROM 3550 TO RTD
 DRILLING TIME FROM 3550 TO RTD
 SAMPLES EXAMINED FROM 3550 TO RTD
 GEOLOGICAL SUPERVISION FROM 3550 TO RTD
 WELLSITE GEOLOGIST LARRY A. NICHOLSON

CASING RECORD
 Conductor _____ of _____ wt _____ sxs
 Surface 263 of 8.5/8 wt 185 sxs
 Production _____ of _____ wt _____ sxs

ELECTRICAL SURVEYS Hallb ACRT. POR. MICRO. BSAT. SURV SONIC

FORMATION TOPS & STRUCTURAL POSITION

FORMATION	SAMPLE TOPS	SUBSEA DATUM	ELEC LOG TOPS		SUBSEA DATUM		REFERENCE WELL	
			A	B	A	B	A	B
Anydrite			2300	+313				
Bi/Anydrite			2334	+279				
Heebner			3856	-1243				
Lansing			3898	-1285				
G zone			3980	-1367				
M Creek			4014	-1401				
H zone			4032	-1419				
I zone			4054	-1441				
J zone			4074	-1461				
Stark			4084	-1471				
BKC			4127	-1514				
RTD			4200	-1587				
LTD			4198	-1585				

REFERENCE WELLS
 A: _____
 B: _____

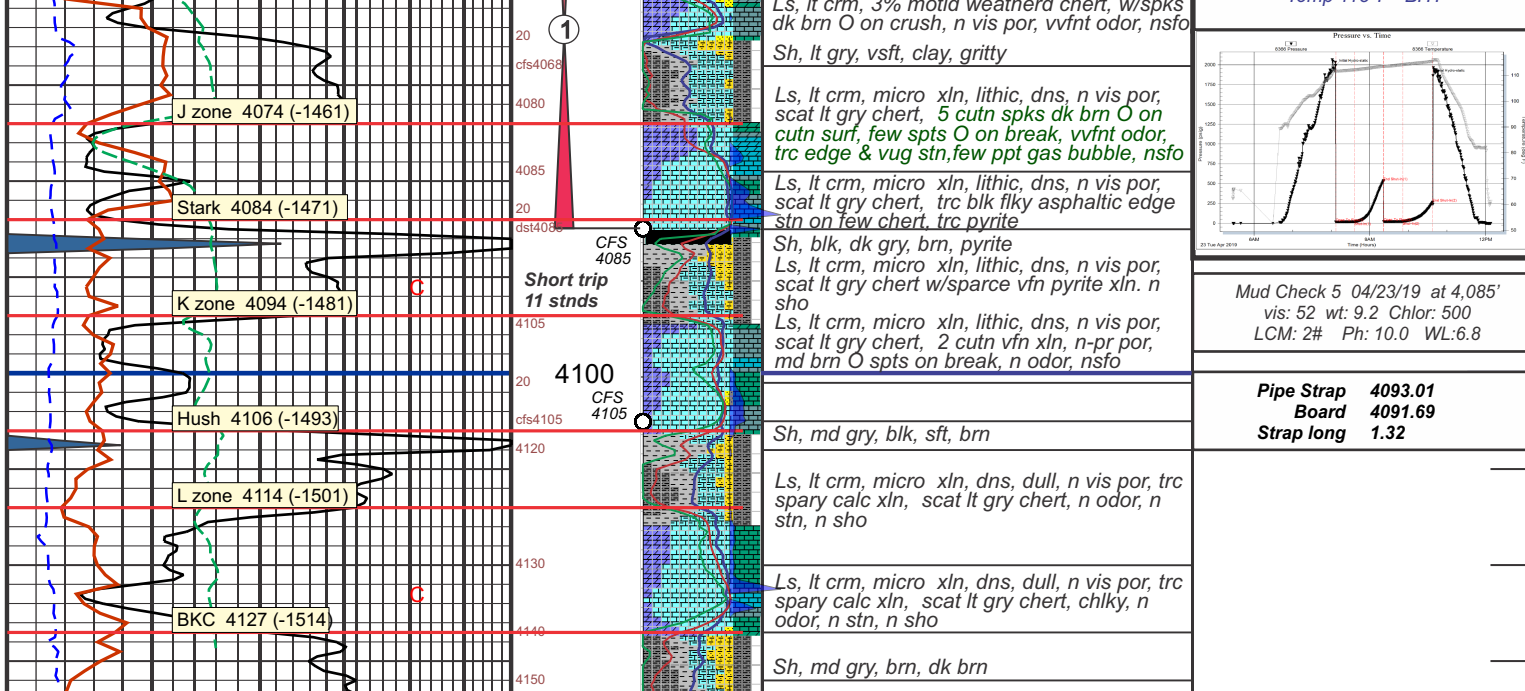
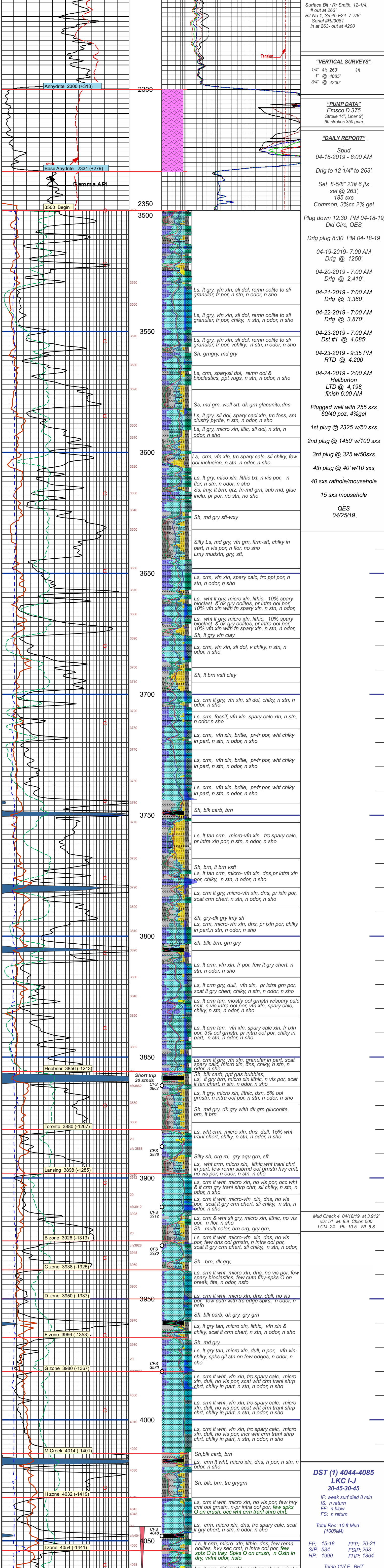
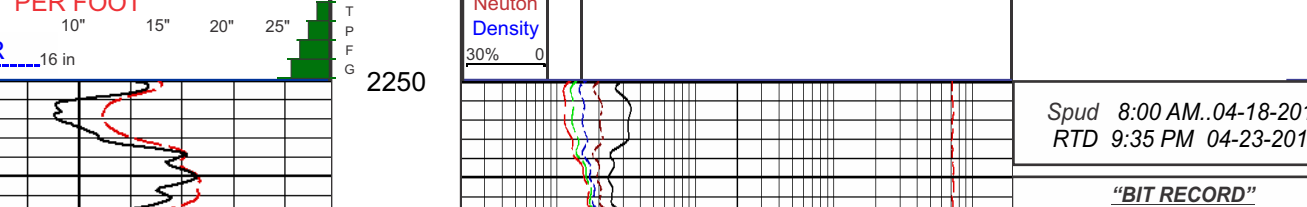
DRILLSTEM TEST SUMMARY : _____ REMARKS & RECOMMENDATIONS: _____
 Dst #1 4044-4085 (LKC I-J) 30 45 30 45 IF:15-18 FF:20-21 SF:534-263
 Rec 10' Mud IF: weak surf died 8 min, nr FF: N blow, nr

Based on the lack of shows, reservoir and recovery on dsts, the well was P&A

* Note the ROP, was slide up 3' to match the Electric log
 Dst is 3' higher

LAN 7/92, Modified 5/05, 11/11, 4/12, 4/18
 1inch = 25.4mm 8.5 x 9.5 216 mm x 2460 mm

LEGEND



COMPANY Culbreath Oil & Gas Company, Inc.
 LEASE Rohleder #1-17 SW SW SE SE
 LOCATION 272' FSL 1200' FEL SEC. 7 TWP. 9S RGE. 25W
 COUNTY Graham STATE Ks

ELEVATIONS
 K.B. = 2613
 D.F. _____
 G.L. = 2606
 All measurements from K.B. 2613





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Company

7-9s-25w Graham KS

3501 S. Yale Ave
Tulsa OK 74135

Rohleder #1

ATTN: Larry Nicholson

Job Ticket: 65536

DST#: 1

Test Start: 2019.04.23 @ 05:27:00

GENERAL INFORMATION:

Formation: **LKC "I - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:07:00

Time Test Ended: 12:08:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 4044.00 ft (KB) To 4085.00 ft (KB) (TVD)

Reference Elevations: 2613.00 ft (KB)

Total Depth: 4085.00 ft (KB) (TVD)

2606.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8366 Outside

Press@RunDepth: 21.17 psig @ 4045.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.23

End Date:

2019.04.23

Last Calib.:

2019.04.23

Start Time: 05:27:01

End Time:

12:08:20

Time On Btm:

2019.04.23 @ 08:06:40

Time Off Btm:

2019.04.23 @ 10:38:20

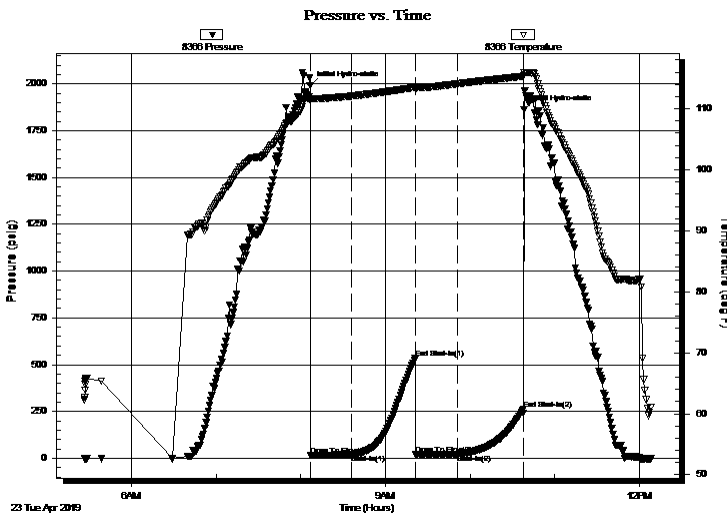
TEST COMMENT: 30 IF - Weak surface blow died @ 8 mins

45 ISI - No return

30 FF - No blow

45 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.73	112.00	Initial Hydro-static
1	15.11	111.32	Open To Flow (1)
30	18.10	112.09	Shut-In(1)
75	533.92	113.49	End Shut-In(1)
75	19.61	113.29	Open To Flow (2)
105	21.17	114.11	Shut-In(2)
152	263.45	115.35	End Shut-In(2)
152	1863.59	115.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Company

7-9s-25w Graham KS

3501 S. Yale Ave
Tulsa OK 74135

Rohleder #1

Job Ticket: 65536

DST#: 1

ATTN: Larry Nicholson

Test Start: 2019.04.23 @ 05:27:00

GENERAL INFORMATION:

Formation: **LKC "I - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:07:00

Time Test Ended: 12:08:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 4044.00 ft (KB) To 4085.00 ft (KB) (TVD)

Total Depth: 4085.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2613.00 ft (KB)

2606.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8353 Inside

Press@RunDepth: psig @ 4045.00 ft (KB)

Start Date: 2019.04.23

End Date:

2019.04.23

Start Time: 05:27:01

End Time:

12:08:10

Capacity: 8000.00 psig

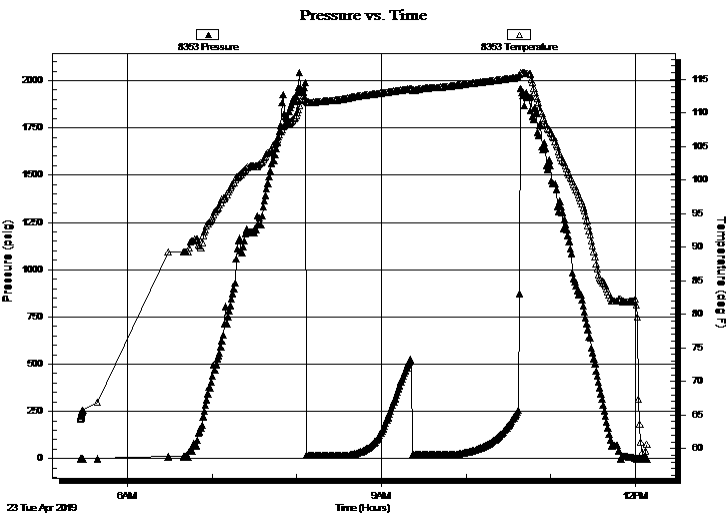
Last Calib.:

2019.04.23

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 IF - Weak surface blow died @ 8 mins
45 ISI - No return
30 FF - No blow
45 FSI - No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Company

7-9s-25w Graham KS

3501 S. Yale Ave
Tulsa OK 74135

Rohleder #1

Job Ticket: 65536

DST#: 1

ATTN: Larry Nicholson

Test Start: 2019.04.23 @ 05:27:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

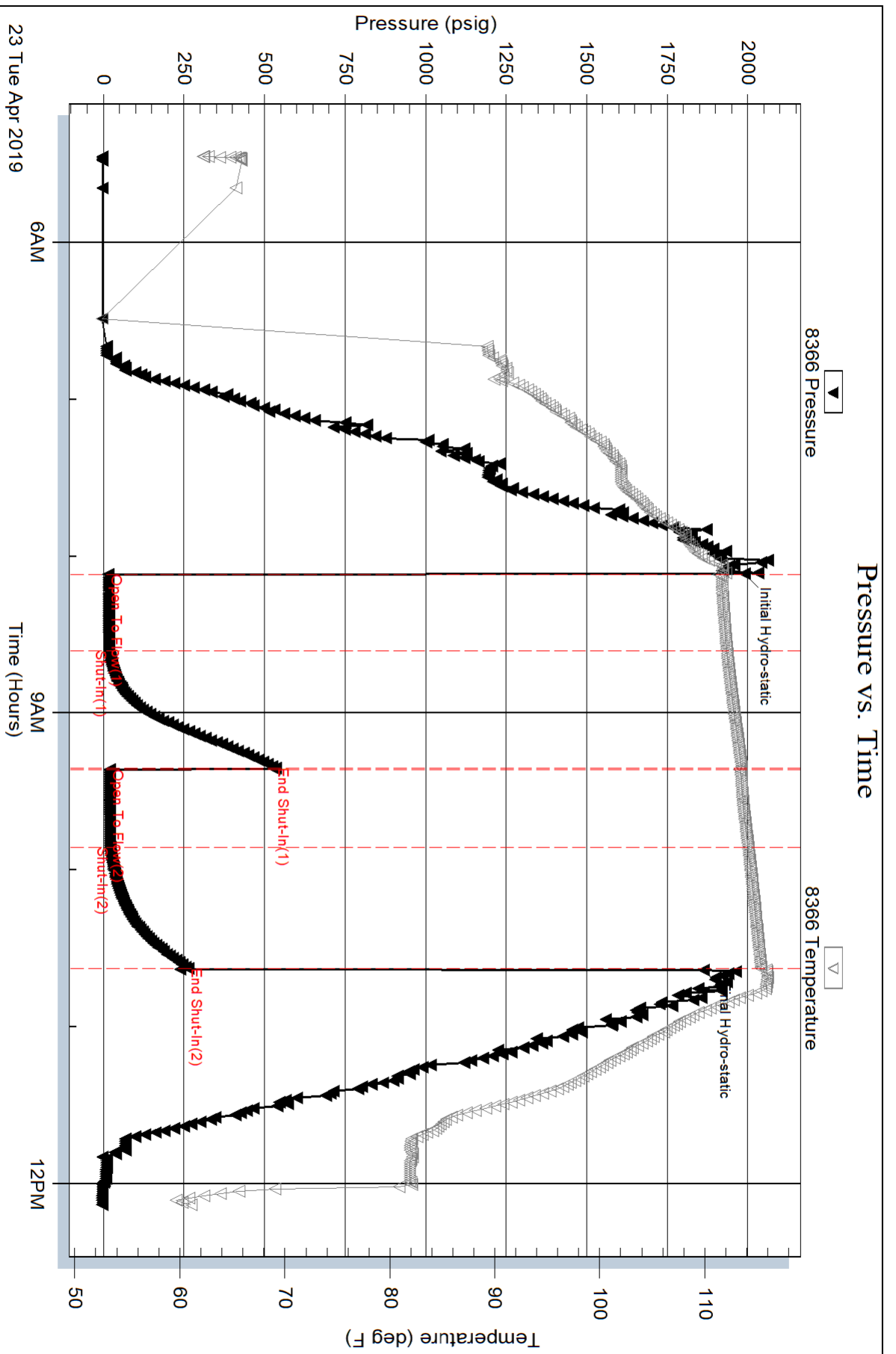
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8353

Inside

Culbreath Oil & Gas Company

Rohleder #1

DST Test Number: 1

