

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 Recompletion Date _____ 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) (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	US Oil Resources LLC
Well Name	PRATHER 12B-1-1429
Doc ID	1640404

All Electric Logs Run

Compensated Density/Neutron
Dual Induction
Micro Log
Sonic Log
Quad Combo
Borehole Profile

OPERATOR

Company: U S Oil Resources LLC
 Address: 6727 W. Prentice Ave
 Lakewood, CO 80123

Contact Geologist: Chuck Zorio Tony Church
 Contact Phone Nbr:
 Well Name: Prather 12B-1-1429
 Location: 1-14s-29w N2-NW-NW-SW
 API: 15-063-22403-00-00
 Pool:
 State: Kansas

Field: Mabel L Northwest
 Country: USA

Scale 1:240 Imperial

Well Name: Prather 12B-1-1429
 Surface Location: 1-14s-29w N2-NW-NW-SW
 Bottom Location:
 API: 15-063-22403-00-00
 License Number: 35233
 Spud Date: 4/13/2022 Time: 12:00 AM
 Region: Gove
 Drilling Completed: 4/25/2022 Time: 12:00 AM
 Surface Coordinates: 2407' FSL & 330' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2727.00ft
 K.B. Elevation: 2735.00ft
 Logged Interval: 3600.00ft To: 4675.00ft
 Total Depth: 4675.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8 in	267 ft			
Int Casing					
Prod Casing	5 1/2 in	4673 ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 2407' FSL
 E/W Co-ord: 330' FWL

LOGGED BY

Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-0839
 Logged By: KLG #307

Name: James C Musgrove

CONTRACTOR

Contractor: Duke Drilling
 Rig #: 4
 Rig Type: mud rotary
 Spud Date: 4/13/2022
 TD Date: 4/25/2022
 Rig Release:

Time: 12:00 AM
 Time: 12:00 AM
 Time:

ELEVATIONS

K.B. Elevation: 2735.00ft
 K.B. to Ground: 8.00ft
 Ground Elevation: 2727.00ft

NOTES

Remarks:


5 1/2" production casing was set and cemented on the US Oil Resources, LLC; Prather 12B-1-1429.

Respectfully yours,

James C Musgrove
 Petroleum Geologist

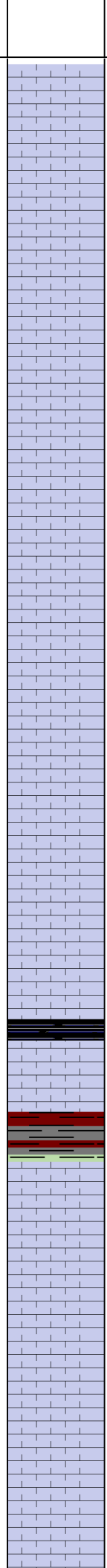
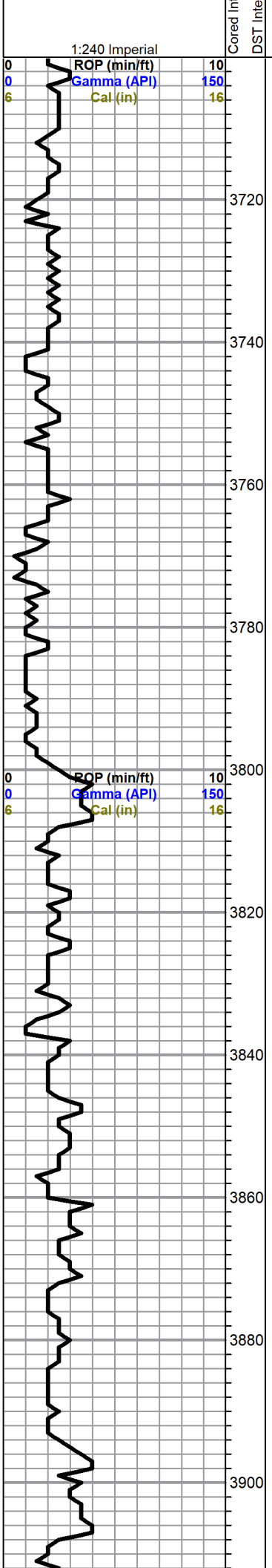
well comparison sheet

Formation	PRATHER 12B-1-1429 US OIL RESOURCES LLC NW-NW-SW 1-14s-29w 2735 KB				POWERS 9D-2-1429 US OIL RESOURCES LLC NW-SE-NE-SE 2-14s-29w 2719 KB				PRATHER 11B-1-1429 US OIL RESOURCES NW-NW-NE-SW 1-14s-29w 2750 KB			
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite			2194	541						2203	547	-6
Base Anhydrite			2226	509						2237	513	-4
Heebner			3830	-1095	3807	-1088		-7		3850	-1100	5
Toronto			3849	-1114						3867	-1117	3
Lansing			3865	-1130	3843	-1124		-6		3886	-1136	6
Stark			4104	-1369	4082	-1363		-6		4124	-1374	5
Base Kansas City			4169	-1434	4160	-1441		7		4186	-1436	2
Marmaton			4213	-1478	4198	-1479		1		4213	-1463	-15
Pawnee			4277	-1542	4258	-1539		-3		4285	-1535	-7
Myrick Station			4325	-1590	4302	-1583		-7		4334	-1584	-6
Ft Scott			4359	-1624	4338	-1619		-5		4370	-1620	-4
Cherokee			4386	-1651	4367	-1648		-3		4398	-1648	-3
Mississippian Spergen			4463	-1728	4434	-1715		-13		4471	-1721	-7
Mississippian Warsaw			4496	-1761	4492	-1773		12		4528	-1778	17
Mississippian Osage			4533	-1798	4523	-1804		6		4551	-1801	3
Lower Osage Lime			4582	-1847	4531	-1812		-35				
Gilmore City			4636	-1901						4675	-1925	24
Rotary Total Depth			4675	-1940	4590	-1871		-69		4695	-1945	5
Log Total Depth			4675	-1940	4590	-1871		-69		4695	-1945	5

 <p>TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	US Oil Resources LLC 6727 W Prentice Ave Lakewood, CO 80123 ATTN: Jim Musgrove	1/14s/29w Gove KS Prather #12B-1-1429 Job Ticket: 68695 D&T#: 1 Test Start: 2022.04.19 @ 07:04:00

GENERAL INFORMATION:

Formation: Mississippian Spergen
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)



Limestone,tan,white,fine crystalline,fossiliferous,granular,scattered porosity,no shows

Limestone,tan,fossiliferous,fair porosity,with tan,dolomitic Limestone and Dolomite,gray,tan,sucrosic

Limestone,white,finely crystalline,chalky,fair porosity,no shows

Limestone,tan,gray,fossiliferous,scattered porosity, no shows

Limestone,tan,gray,fossiliferous,poor visible porosity,with Chert,white,gray,fossiliferous ,boney

HEEBNER 3834
Shale,black,carbonaceous,blocky

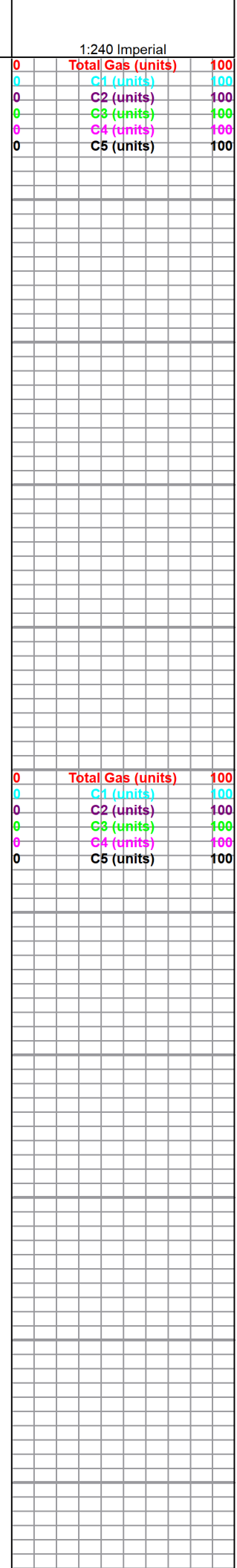
Shale,gray,maroon,rusty brown,soft

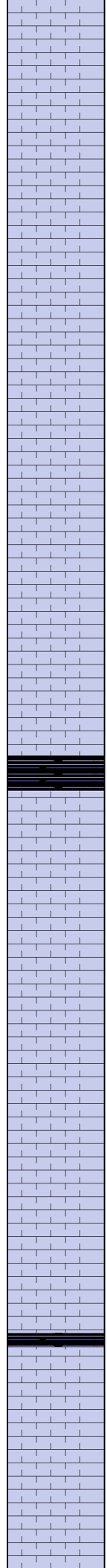
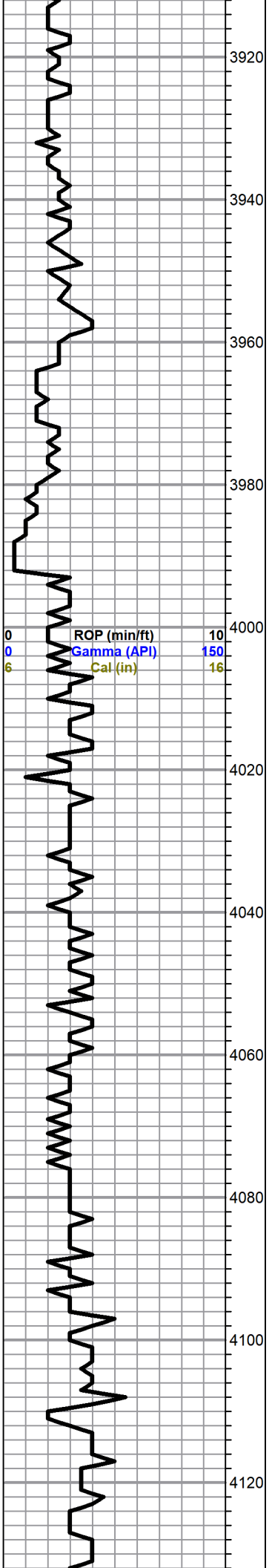
TORONTO 3854(-1119)
Limestone,gray,tan,fossiliferous,slightly cherty,poor porosity,trace gray Chert

LANSING 3869(-1134)
Limestone,white,tan,gray,fossiliferous,chalky,poor visible porosity,with trace gray Chert

Limestone,tan,white,finely oolitic,dense

Limestone,white,cream,gray,oolitic,chalky,poor visible porosity





Limestone, white, tan, oolitic, chalky, poorly developed porosity, no shows

Limestone, white, cream, finely crystalline, chalky, poor visible porosity, light brown stain, trace of free oil and no odor

Chert, white, brown speckled, opaque

Limestone, white, gray, slightly fossiliferous, chalky, poor visible porosity, increase in Chert

Limestone, white, gray, finely crystalline, slightly dolomitic, poor visible porosity, with Chert as above

Limestone, tan, white, buff, finely crystalline, dolomitic, with white chalk

MUNCIE CREEK 4016(-1281)

Shale, black, carbonaceous

Limestone, tan, white, gray, fossiliferous, dense, poor porosity

Limestone, white, cream, oolitic, chalky, poor visible porosity, poor spotty stain, no free oil and no odor, trace gray, Chert

Limestone, white, cream, finely crystalline, slightly oolitic, chalky, poorly developed porosity no show

Limestone, white, gray, fossiliferous, chalky, poor visible porosity, trace gray chert

STARK 4109

Shale, black, carbonaceous

Limestone, white, gray, finely crystalline, slightly granular, few fossiliferous, chalky

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

as above with Chert,white,gray,boney

HUSHPUCKNEY 4144

Shale,black,carbonaceous

Limestone,white,gray,slightly oolitic,chalky,poor porosity,trace white and gray chert

As above

BASE KANSAS CITY 4177

Shale,black,carbonaceous

US OIL BASE KANSAS CITY

Shale,gray,green,silty with grayish green soft shale

Limestone,tan,slightly cherty,dense

US OIL MARMATON 4209

Shale,black,purpleish gray,rusty brown silty

Limestone,white,gray,granular,few oolitic,chalky,dense

Limestone,gray,dense

MARMATON "B" 4238

Limestone,white,gray,finely crystalline,fossiliferous/oolitic,chalky,trace spotty brown and golden brown stain,no free oil and no odor

Limestone,as above,scattered porosity,trace brown stain,show of free oil and no odor with white Chert

PAWNEE 4271

Limestone,gray,white,tan,chalky,dense,poor porosity

Limestone,gray,tan,granular,chalky ,few cherty,dense

as above

Limestone,gray,dark gray,shaley

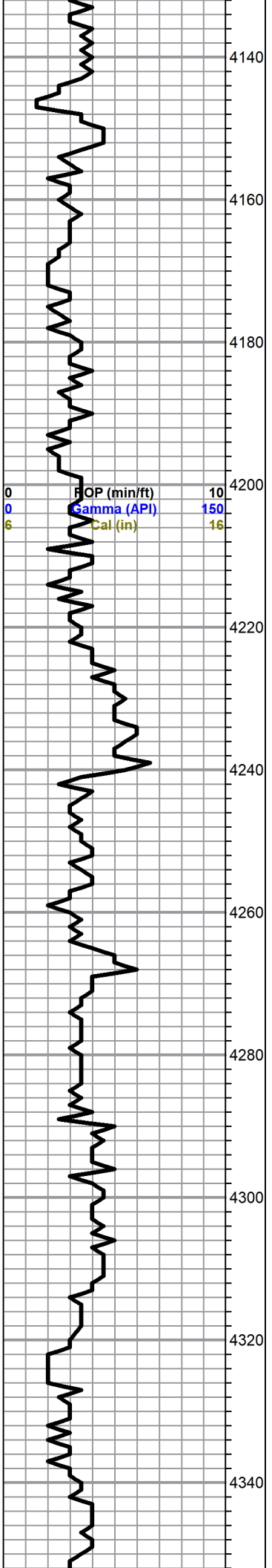
US OIL MYRICK STATION 4320(-1585)

Shale,black,carbonaceous

MYRICK STATION 4227(-1592)

Limestone,gray,tan,fine and medium crystalline,fossiliferous,poorly developed porosity,trace brown spotty stain,no free oil and no odor

as above ,poor porosity,trace Chert,gray and white,boney



0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

US OIL FORT SCOTT 4353(-1618)

Shale,black,carbonaceous

FORT SCOTT 4363(-1628)

Limestone,tan,brown,slightly cherty,dense,trace iron pyrite

Limestone, as above,poor visible porosity

CHEROKEE SHALE 4387(-1652)

Shale,black,carbonaceous

Limestone,tan,gray,dense,with tan,opaque chert

Limestone,white,gray,chalky,poor visible porosity,no show

trace black carbonaceous shale

JOHNSON ZONE 4433

Limestone,white,gray,few fossiliferous,chalky ,few cherty dense

Chert,white,yellow,amber,boney with trace sand,green,very fine grained,calcareous,no show with Shale,grayish green ,red

MISSISSIPPIAN SPERGEN 4464

Dolomite,tan,gray,brown,fine crystalline,sucrosic,granular in part,few slightly cherty, fair and good vuggy porosity,good brown and dark brown stain and saturation,trace black tarry stain in 60 min sample @4482,good show of free oil and good odor in fresh samples

Dolomite,white,gray,finely crystalline,sucrosic,poor visible porosity,no shows

MISSISSIPPIAN WARSAW 4502

Limestone,white,gray,fine and medium crystalline,dolomitic

Limestone,gray,white,medium crystalline,fossiliferous,chalky,with white chalk

as above,with Chert,gray,fossiliferous

MISSISSIPPIAN OSAGE 4534

Dolomite,tan,gray,cream,finely crystalline,sucrosic,poor visible porosity

Dolomite,as above,with Chert,white,boney trace sub angular quartz grains and white chalk

Chert,gray,white,opaque,boney with Dolomite,tan,white,sucrosic

ROP (min/ft) 10
Gamma (API) 150
Cal (in) 16

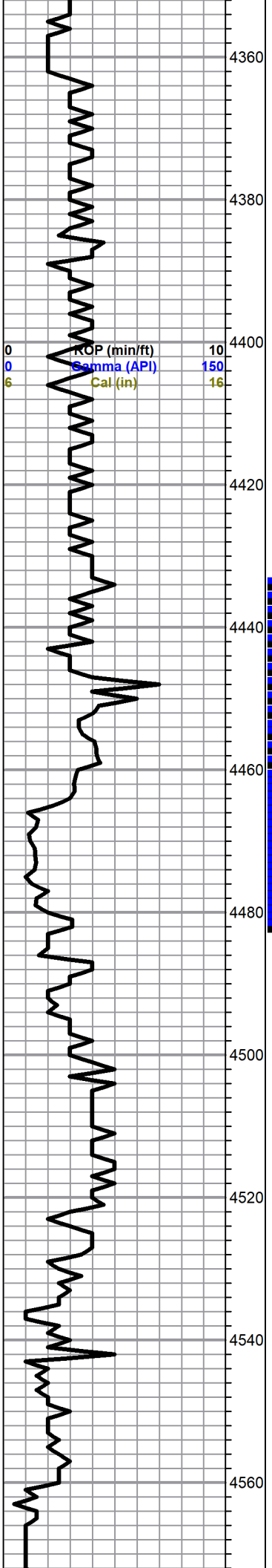
Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100
C5 (units) 100

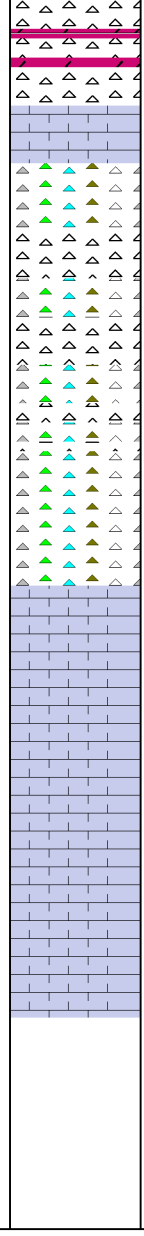
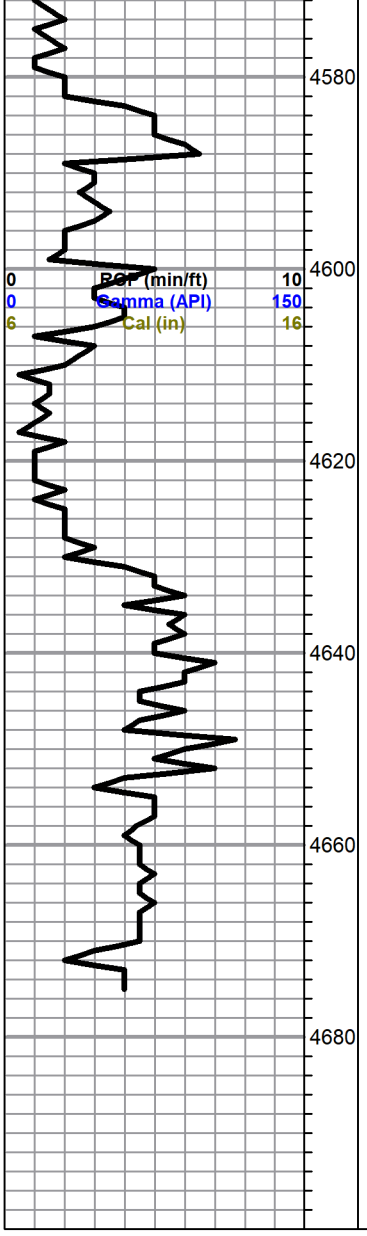
DST#1 4434-4482

30-45-60-90
Blow;Good(bob
11mins)
2nd Opening ;Good
(bob 8 1/2 mins)

Recovery
;630'Gas in
Pipe..5' Very
Slightly Mud Cut
Oil(97% Oil,3%
Mud);300'Gassy
Mud Cut Oil (23%
gas,50%Oil,27%
Mud),

BHP 963-963 psi
FP 29-74,74-137 psi
HSH 2241-2225psi





Chert as above

LOWER OSAGE LIME 4583

Limestone,gray,brown,fossiliferous,chalky

Chert,gray,white,blueish gray,opaque,few fossiliferous

as above smokey gray boney

Chert,as above with Dolomite,gray,light gray,sucrosic,
and,gray,grayish green shale @ base

GILMORE CITY 4634

4440-4475 samples very poor 80-90% shale cavings??!

trace Limestone,gray,tan,fine and medium crystalline,chalky,

as above ,trace gray chert

Limestone,white,gray,fine to medium crystalline ,chalky

ROTARY TOTAL DEPTH 4675

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



785-953-0222

TICKET NUMBER 1281 K-C
LOCATION Hugoton, KS
FOREMAN J Arrington

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-13-22		Prather # 12B	1	14S	29W	Gove
CUSTOMER US O.I			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			103	Cory		
CITY			800	Chris		
STATE		ZIP CODE				

JOB TYPE Surface HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
CASING DEPTH _____ DRILL PIPE _____ 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 Duke 4, Pump 200 sk Surface Blend II, Dip 15.5' BBL Leaking 20' in casing, Circ 5 BBL Cement to Pit

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
	30	MILEAGE	7.15	214. ⁵⁰
	9.4 Tn	Cement Delivery Min. Charge	1.75	660. ⁰⁰
	200 SKS	Surface Blend II	24. ⁰⁰	4800. ⁰⁰
				6824. ⁵⁰
			Less 25%	1706. ¹²
				5118. ³⁸
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Adam D. Bl TITLE _____ DATE _____

I acknowledge that the payments 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.



785-953-0222

TICKET NUMBER 1499 K-C
 LOCATION Hugoton Ks
 FOREMAN Walt Dinkal

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-21-22		Prather #12B+-14-29	1	14S	29W	Goove
CUSTOMER			600e			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
U.S. Oil Resources			103	Cory D		
CITY			800-850	Chris P		
STATE			801-851	Jason A		
ZIP CODE						

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 4675' CASING SIZE & WEIGHT 5 1/2" 15.5
 CASING DEPTH 4667' DRILL PIPE _____ TUBING _____ OTHER DV-2325'
 SLURRY WEIGHT 142,11.7 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 21.27'
 DISPLACEMENT 110 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up on Duke #4, Circ. Casing on bottom
Pump 5 BBL H₂O, 500 gal Mud Flush, mixed 210 sks HP-OWC, release Plug
+ Displaced 55 BBL H₂O + 58 BBL mud @ 850# LIFT, landed Plug @ 1500#
release Pressure, Float Held. Drop opening Tool, open DV tool, circ. 3-Hrs
mixed 30 sks in RA.
mixed 370 sks light weight, clear Pump + Lines, release Plug + Displaced
57 BBL H₂O @ 700#, landed Plug @ 1500#, released Pressure, Tool Held
Cement Did Circ, Approx 20' BBL to Pit
Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	2,800 ⁰⁰	2,800 ⁰⁰
	30	MILEAGE	7 ¹⁵	214 ⁵⁰
	19.76	Tax Mileage Delivery	1 ²⁵	1,037 ⁴⁰
	200 sks	HP-OWC	25 ⁰⁰	5,250 ⁰⁰
	400 sks	Light weight Blend VII	17 ⁵⁰	7,000 ⁰⁰
	1,050 #	Kal Seal	1 ⁵⁰	525 ⁰⁰
	100 #	Flo Seal	3 ⁰⁰	300 ⁰⁰
	500 gal	Mud Flush	1.65	325 ⁰⁰
	1	5 1/2" AFU Float Shoe	585 ⁰⁰	585 ⁰⁰
	1	5 1/2" Latch down Plug assy	400 ⁰⁰	400 ⁰⁰
	16	5 1/2" Centralizers	81 ⁰⁰	1,296 ⁰⁰
	2	5 1/2" Baskets	385 ⁰⁰	770 ⁰⁰
	1	5 1/2" DV Tool	5970 ⁰⁰	5970 ⁰⁰
				26,472 ⁹⁰
		Loss 25% Disc	-	6,618 ²³
				19,854 ⁶⁷

AUTHORIZATION Adam D. Bl TITLE _____ DATE _____
 SALES TAX _____
 ESTIMATED TOTAL _____

I acknowledge that the payments 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.



DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

Prather #12B-1-1429

1-14s-29w Gove KS

Start Date: 2022.04.19 @ 07:04:00

End Date: 2022.04.19 @ 16:32:50

Job Ticket #: 68595 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.04.20 @ 12:15:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

US Oil Resources LLC
6727 W Prentice Ave
Lakewood, CO 80123
ATTN: Jim Musgrove

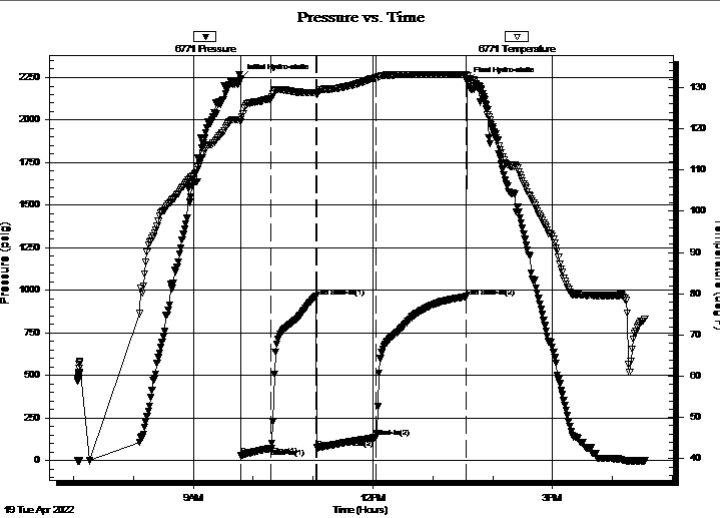
1-14s-29w Gove KS
Prather #12B-1-1429
Job Ticket: 68595 **DST#: 1**
Test Start: 2022.04.19 @ 07:04:00

GENERAL INFORMATION:

Formation: **Mississippi Spergen**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:47:36
Time Test Ended: 16:32:50
Interval: **4434.00 ft (KB) To 4482.00 ft (KB) (TVD)**
Total Depth: 4482.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 73
Reference Elevations: 2735.00 ft (KB)
2727.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6771 Inside
Press@RunDepth: 136.63 psig @ 4435.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.04.19 End Date: 2022.04.19 Last Calib.: 2022.04.19
Start Time: 07:04:01 End Time: 16:32:50 Time On Btm: 2022.04.19 @ 09:47:21
Time Off Btm: 2022.04.19 @ 13:34:51

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 17 min., built to 19 1/2"
45 - IS: No blow back
60 - FF: Blow built to BOB at 8 1/2 min., built to 37 1/2"
90 - FS: Blow back built to 1 1/4" then died back slowly



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.07	122.28	Initial Hydro-static
1	29.03	121.73	Open To Flow (1)
31	74.10	127.23	Shut-In(1)
76	963.09	128.81	End Shut-In(1)
77	73.71	128.33	Open To Flow (2)
136	136.63	132.34	Shut-In(2)
227	963.06	133.16	End Shut-In(2)
228	2225.13	132.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GMCO 50%o, 27%m, 23%g	4.21
5.00	VSMCO 97%o, 3%g	0.07
0.00	GIP = 630'+	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

1-14s-29w Gove KS

6727 W Prentice Ave
Lakewood, CO 80123

Prather #12B-1-1429

Job Ticket: 68595

DST#: 1

ATTN: Jim Musgrove

Test Start: 2022.04.19 @ 07:04:00

Tool Information

Drill Pipe:	Length: 4429.00 ft	Diameter: 3.80 inches	Volume: 62.13 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 62.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4434.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	81.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4402.00	
Shut In Tool	5.00			4407.00	
Hydraulic tool	5.00			4412.00	
Jars	5.00			4417.00	
EM Tool	4.00			4421.00	
Safety Joint	3.00			4424.00	
Packer	5.00			4429.00	33.00 Bottom Of Top Packer
Packer	5.00			4434.00	
Stubb	1.00			4435.00	
Recorder	0.00	6771	Inside	4435.00	
Recorder	0.00	8367	Outside	4435.00	
Perforations	10.00			4445.00	
Blank Spacing	33.00			4478.00	
Perforations	1.00			4479.00	
Bullnose	3.00			4482.00	48.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

1-14s-29w Gove KS

6727 W Prentice Ave
Lakewood, CO 80123

Prather #12B-1-1429

Job Ticket: 68595

DST#: 1

ATTN: Jim Musgrove

Test Start: 2022.04.19 @ 07:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
300.00	GMCO 50%o, 27%m, 23%g	4.208
5.00	VSMCO 97%o, 3%g	0.070
0.00	GIP = 630'+	0.000

Total Length: 305.00 ft Total Volume: 4.278 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

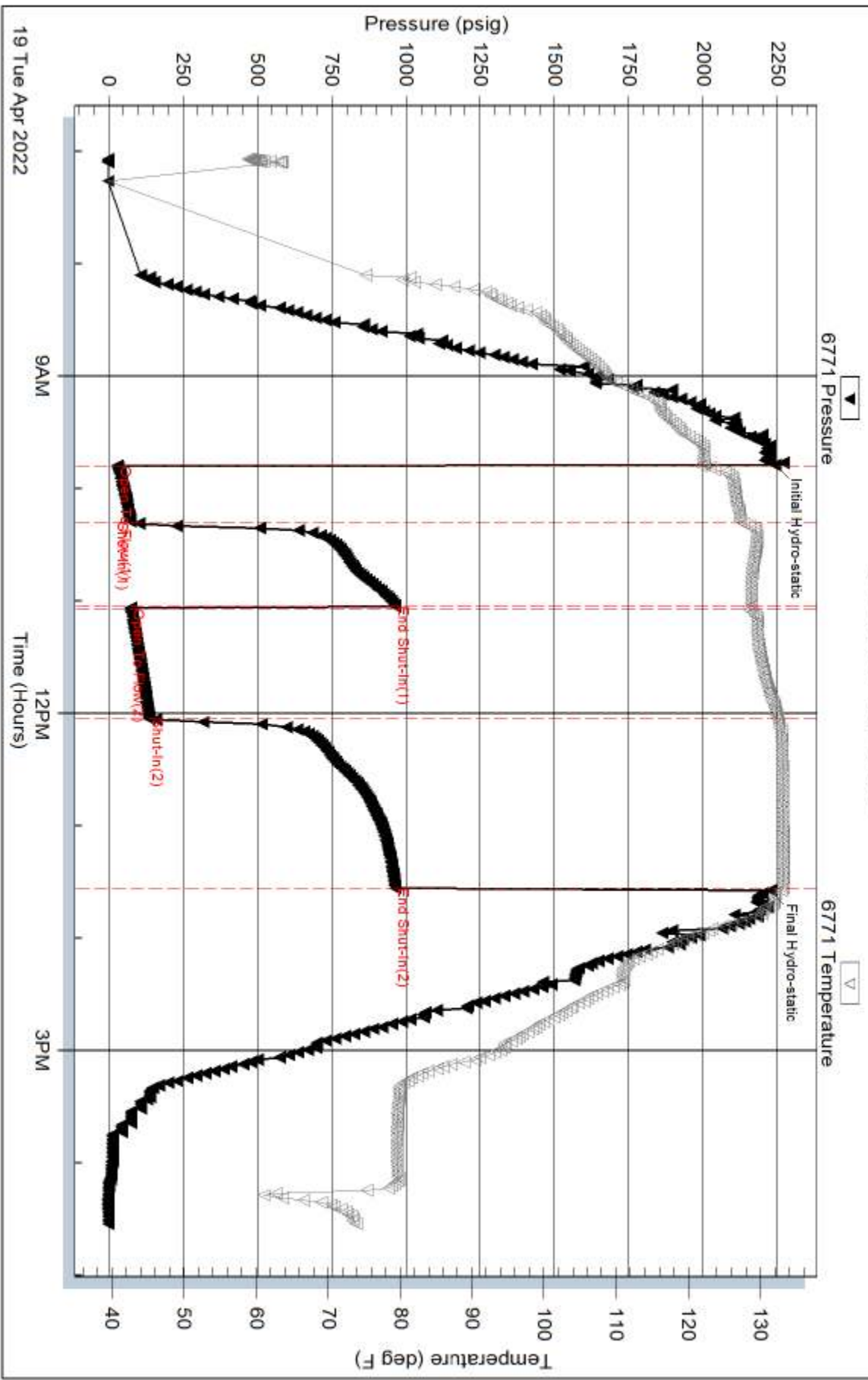
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 37 api @ 76 deg F Corrected Gravity = 35.4 api

Pressure vs. Time

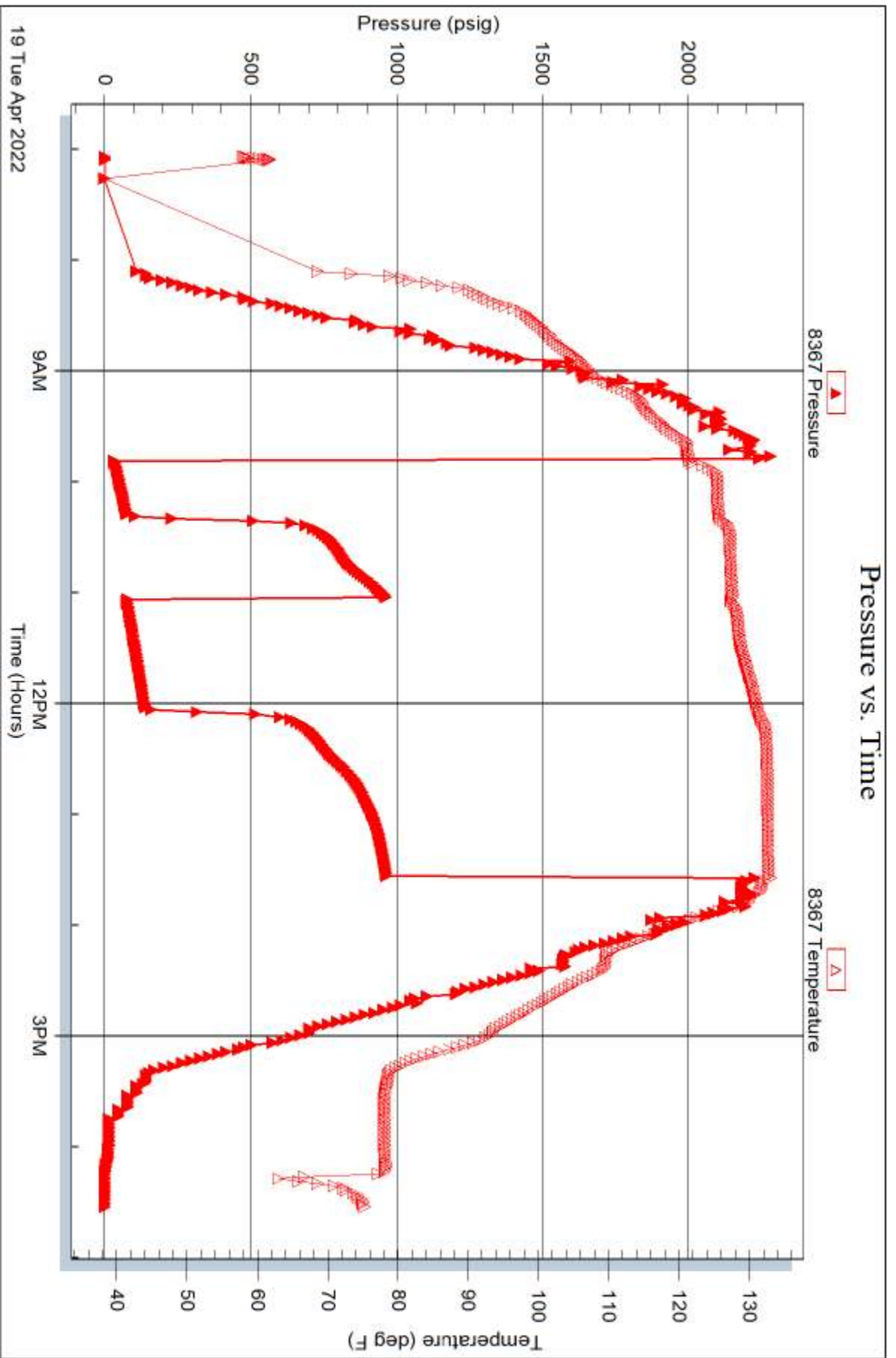


Serial #: 8367

Outside US Oil Resources LLC

Prather #12B-1-1429

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68595

Well Name & No. Prather #12B-1-1429 Test No. 1 Date 4-19-22
 Company US Oil Resources LLC Elevation 2735 KB 2727 GL
 Address 6727 W Prentice Ave Lakewood CO 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke #4
 Location: Sec. 1 Twp 14s Rge. 29w Co. Gove State KS

Interval Tested 4434-4482 Zone Tested Mississippi ~~Sparg~~ Spergen
 Anchor Length 48 Drill Pipe Run 4429 Mud Wt. 9.2
 Top Packer Depth 4429 Drill Collars Run - Vis 61
 Bottom Packer Depth 4434 Wt. Pipe Run - WL 6.2
 Total Depth 4482 Chlorides 1900 ppm System LCM 2

Blow Description IF: Blow built to BOB (11") at 17 min., built to 19 1/2"
ISI: No blowback
FF: Blow built to BOB at 8 1/2 min., built to 37 1/2"
FSI: Blowback built to 1 1/4" then died back slowly

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>VSMCO</u>	<u>97</u>		<u>3</u>	
<u>300</u>	<u>GMCO</u>	<u>23</u>	<u>50</u>	<u>27</u>	
	<u>GIP = 630' +</u>				

Rec Total 305 BHT 133 Gravity 35.4 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2241
 (B) First Initial Flow 29
 (C) First Final Flow 74
 (D) Initial Shut-In 963
 (E) Second Initial Flow 74
 (F) Second Final Flow 137
 (G) Final Shut-In 963
 (H) Final Hydrostatic 2225

Test 1950
 Jars 300
 Safety Joint
 Circ Sub
 Hourly Standby 1h 100
 Mileage 98RT 147
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 2497

T-On Location 4:25
 T-Started 7:04
 T-Open 9:47
 T-Pulled 13:33
 T-Out 16:30
 Comments
 EM Tool
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 2497
 MP/DST Disc't

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Approved By _____ Our Representative James Winter

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