

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) (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	ALBIN 7B-35-1527
Doc ID	1392609

All Electric Logs Run

Array Induction
Density Neutron
Compensated Sonic
Microresistivity
Caliper



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

NET NUMBER 55039
 LOCATION Oakley, KS
 FOREMAN M. S. Shaw

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-5-18		Albin 7B-35-1527	35	15 S	27 W	Lawe
CUSTOMER		MAILING ADDRESS		CITY		STATE
US OIL						
		ZIP CODE		TRUCK #		DRIVER
				731		Paul W
				566		Seth O
						Keith C Asst

Pendams
 Eker 415
 Red chert
 Wtcezes
 Etack
 Tomahawk
 NFE ink

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12.25"</u>	HOLE DEPTH <u>226'</u>	CASING SIZE & WEIGHT <u>8 5/8 24#</u>
CASING DEPTH <u>224'</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT <u>14.8</u>	SLURRY VOL <u>1.36</u>	WATER gal/sk	CEMENT LEFT in CASING <u>20'</u>
DISPLACEMENT <u>12.75 bbls</u>	DISPLACEMENT PSI	MIX PSI	RATE

REMARKS: Safety meetings and Rig up on Duke drilling Rig #4 Circulate casing
Mix 1655x Surface blend II Class A cement w/ 38 calcium 29 gal displace 12.75 bbls
Water shut in Cement did Circulate 4 bbls top it

Thanks M. S. Shaw

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471	1	PUMP CHARGE	1150.00	1150.00
CE0002	45	MILEAGE	7.15	321.75
CE0711	7.76 TONS	Ton mileage delivery	660.00	660.00
CC5871	1655x	Surface blend II	24.00	3960.00
CC5320	100 ^{lb}	Salt	N/C	N/C
			Subtotal	6091.75
			30% discount	1827.53
			Subtotal	4264.22
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Adam D. Bl

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.



PRESSURE PUMPING LLC

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

TICKET NUMBER 55044
LOCATION Oakley, KS
FOREMAN Walt Dierker

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-17-18		Albin 7B-35-1527	35	15 S	27 W	Gove
CUSTOMER U.S. Oil			PENDAMS EASTHER 2nd Chief N 100 R 785 1E 1/4 Trenchhawk N+E 1/4 R15			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			753	Walt H C		
STATE			506	Seth O		
ZIP CODE			772/FR7	North W/land		

JOB TYPE 2 Stage HOLE SIZE 7 7/8" HOLE DEPTH 4600 CASING SIZE & WEIGHT 5.5" / 15.5#
 CASING DEPTH 4593' DRILL PIPE _____ TUBING _____ OTHER 11' tool @ 2131'
 SLURRY WEIGHT 13.8/19 SLURRY VOL 1.4/1.9 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 109/51 DISPLACEMENT PSI 1000/1200 MIX PSI _____ RATE _____

REMARKS: Solid, meeting and Rig up and Drilled 4" Riser. Float Casing Casing on Sulf
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20. Position on 5" 59' Du tool on top of Sulf #
 59' 2131' Remain 109' salts. Circulate casing 1hr pump mud flush mix 160 5 row 5" 46' and
 Shut down Clear Pump lines. Make plug dis place w/ b/s water + 40 b/s mud 1.11 pressure
 1100 PSI. Load Pressure 1100. Plug hold. Dropped opening dart wait 15 min break circulate
 back on @ 5000 PSI. Circulate 3 hrs. Pump salt water mix 4000 x 60/40 89 7/8" 110
 down casing shut down clear pump lines dis place 51 b/s water with 800 PSI. Lift plug
 loaded @ 1500 PSI. Tool shut and hold. Cement did circulate 20 b/s top it

305xRH

Thanks M. H. H. H.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0453	1	PUMP CHARGE	2800.00	2800.00
CE0002	45	MILEAGE	7.15	321.75
CF0710	26.23 Tons	Ton mileage delivery	1.75	2065.61
CL5831	430 SX	Lite weight blend III	17.50	7525
CL5867	160 SX	Thioblend III OWC	26.00	4160.00
CC9326	100 #	Salt	1/6	16.67
CL6075	108 #	Collalake / Fluosol	3.00	324
CL6077	800 #	Kalsol	1.50	1200.00
CL6075	500 gal	Mud flush	1.65	325.00
CP8254	1	5/8" latchdown plug + Ass. 4 ft	400.00	400.00
CP8185	1	5/8" AFU Float shoe	585.00	585.00
CP8554	13	5/8" Control 2005	81.00	1053.00
CP8629	1	5/8" Basket	385.00	385.00
CP8801	1	5/8" Du tool	5970.00	5970.00
CP8576	7	5/8" Turbulizer	81.00	567.00
		Subtotal		26816.36
		1855 30895 cement		8064.40
		Subtotal		18810.96
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737

AUTHORIZATION Walt Dierker 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.



DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Jim Musgrove

Albin #7B-35-1527

35-15s-27w Gove KS

Start Date: 2018.02.11 @ 09:29:00

End Date: 2018.02.11 @ 16:53:00

Job Ticket #: 64175 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.02.15 @ 15:06:19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

35-15s-27w Gove KS

Albin #7B-35-1527

Job Ticket: 64175

DST#: 1

Test Start: 2018.02.11 @ 09:29:00

GENERAL INFORMATION:

Formation: **LKC " D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:31

Time Test Ended: 16:53:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 3856.00 ft (KB) To 3874.00 ft (KB) (TVD)

Reference Elevations: 2529.00 ft (KB)

Total Depth: 3874.00 ft (KB) (TVD)

2519.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8400

Outside

Press@RunDepth: 86.78 psig @ 3857.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.11

End Date: 2018.02.11

Last Calib.: 2018.02.11

Start Time: 09:29:01

End Time: 16:52:46

Time On Btm: 2018.02.11 @ 12:04:16

Time Off Btm: 2018.02.11 @ 14:50:01

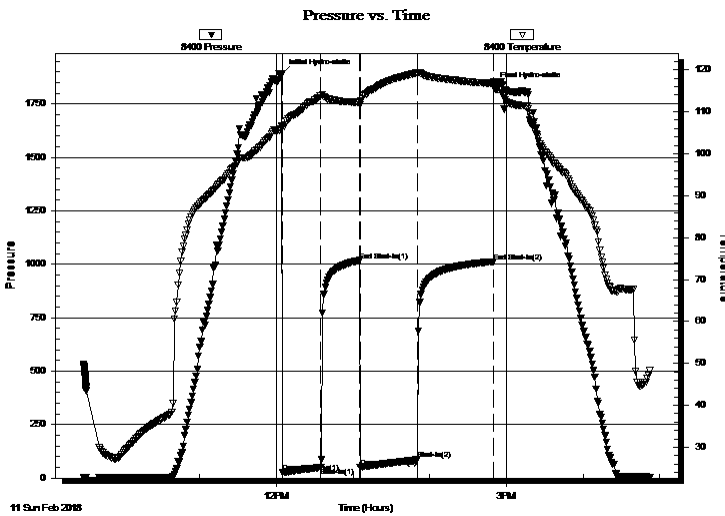
TEST COMMENT: 30-IFP- 3 1/2" in 10 min.-- 5 1/4" in 20 min.-- 5 1/2" in 30 min.

30-ISIP- No Blow

45-FFP- 1 1/2" in 10 min.-- 2" in 20 min.-- 3 1/4" in 30 min.-- 4" in 45 min

60-FSIP- No Blow

PRESSURE SUMMARY



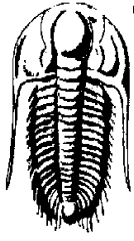
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1892.22	106.76	Initial Hydro-static
1	27.47	106.21	Open To Flow (1)
31	50.30	113.85	Shut-In(1)
61	1017.88	112.24	End Shut-In(1)
61	51.97	111.76	Open To Flow (2)
106	86.78	119.22	Shut-In(2)
166	1012.85	116.76	End Shut-In(2)
166	1833.54	117.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MCW 10% m 90% w	1.82

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Jim Musgrove

35-15s-27w Gove KS

Albin #7B-35-1527

Job Ticket: 64175

DST#: 1

Test Start: 2018.02.11 @ 09:29:00

GENERAL INFORMATION:

Formation: **LKC " D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:31

Time Test Ended: 16:53:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 3856.00 ft (KB) To 3874.00 ft (KB) (TVD)

Total Depth: 3874.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2529.00 ft (KB)

2519.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 3857.00 ft (KB)

Start Date: 2018.02.11 End Date: 2018.02.11

Start Time: 09:29:01 End Time: 16:53:01

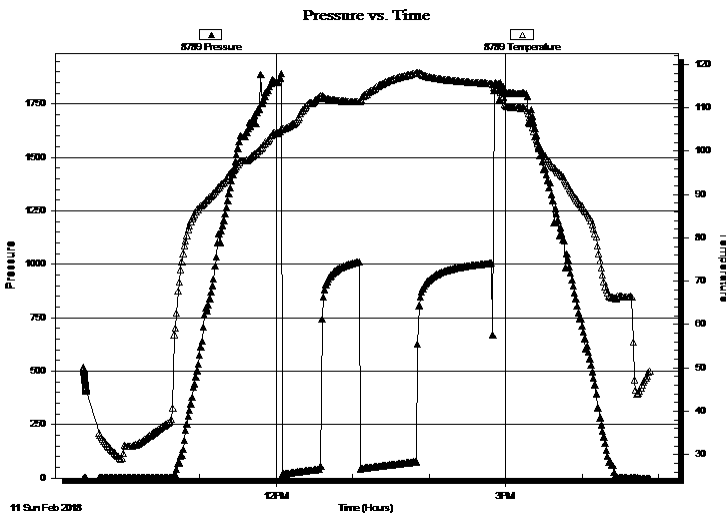
Capacity: 8000.00 psig

Last Calib.: 2018.02.11

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP- 3 1/2" in 10 min.-- 5 1/4" in 20 min.-- 5 1/2" in 30 min.
30-ISIP- No Blow
45-FFP- 1 1/2" in 10 min.-- 2" in 20 min.-- 3 1/4" in 30 min.-- 4" in 45 min
60-FSIP- No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MCW 10% m 90% w	1.82

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64175

DST#: 1

ATTN: Jim Musgrove

Test Start: 2018.02.11 @ 09:29:00

Tool Information

Drill Pipe:	Length: 3835.00 ft	Diameter: 3.80 inches	Volume: 53.79 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 53.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3856.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3830.00	
Shut In Tool	5.00			3835.00	
Hydraulic tool	5.00			3840.00	
Jars	5.00			3845.00	
Safety Joint	2.00			3847.00	
Packer	5.00			3852.00	27.00 Bottom Of Top Packer
Packer	4.00			3856.00	
Stubb	1.00			3857.00	
Recorder	0.00	8789	Inside	3857.00	
Recorder	0.00	8400	Outside	3857.00	
Perforations	14.00			3871.00	
Bullnose	3.00			3874.00	18.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

35-15s-27w Gove KS
Albin #7B-35-1527
Job Ticket: 64175 **DST#: 1**
Test Start: 2018.02.11 @ 09:29:00

Mud and Cushion Information

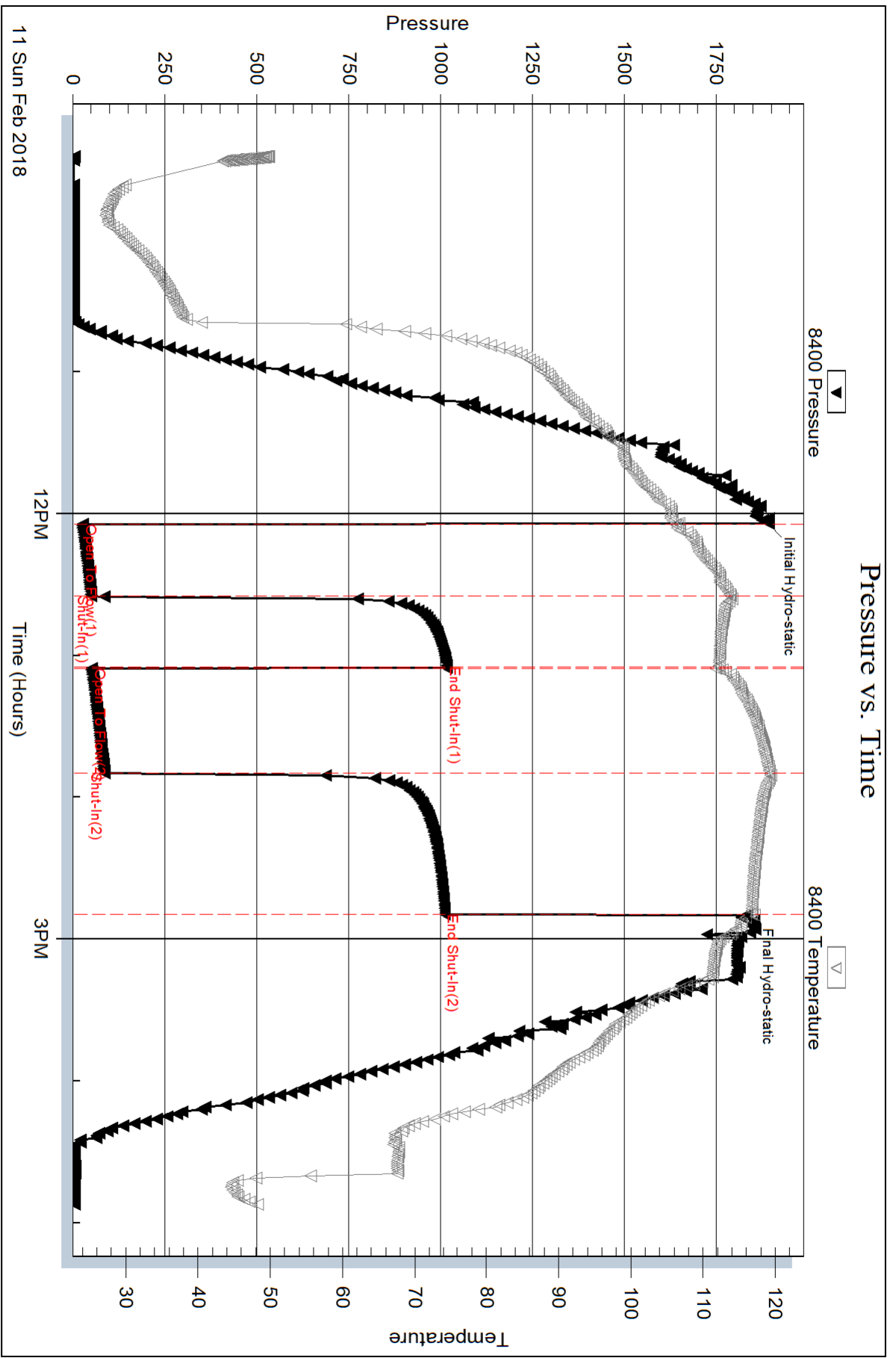
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	72000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 4.00 inches			

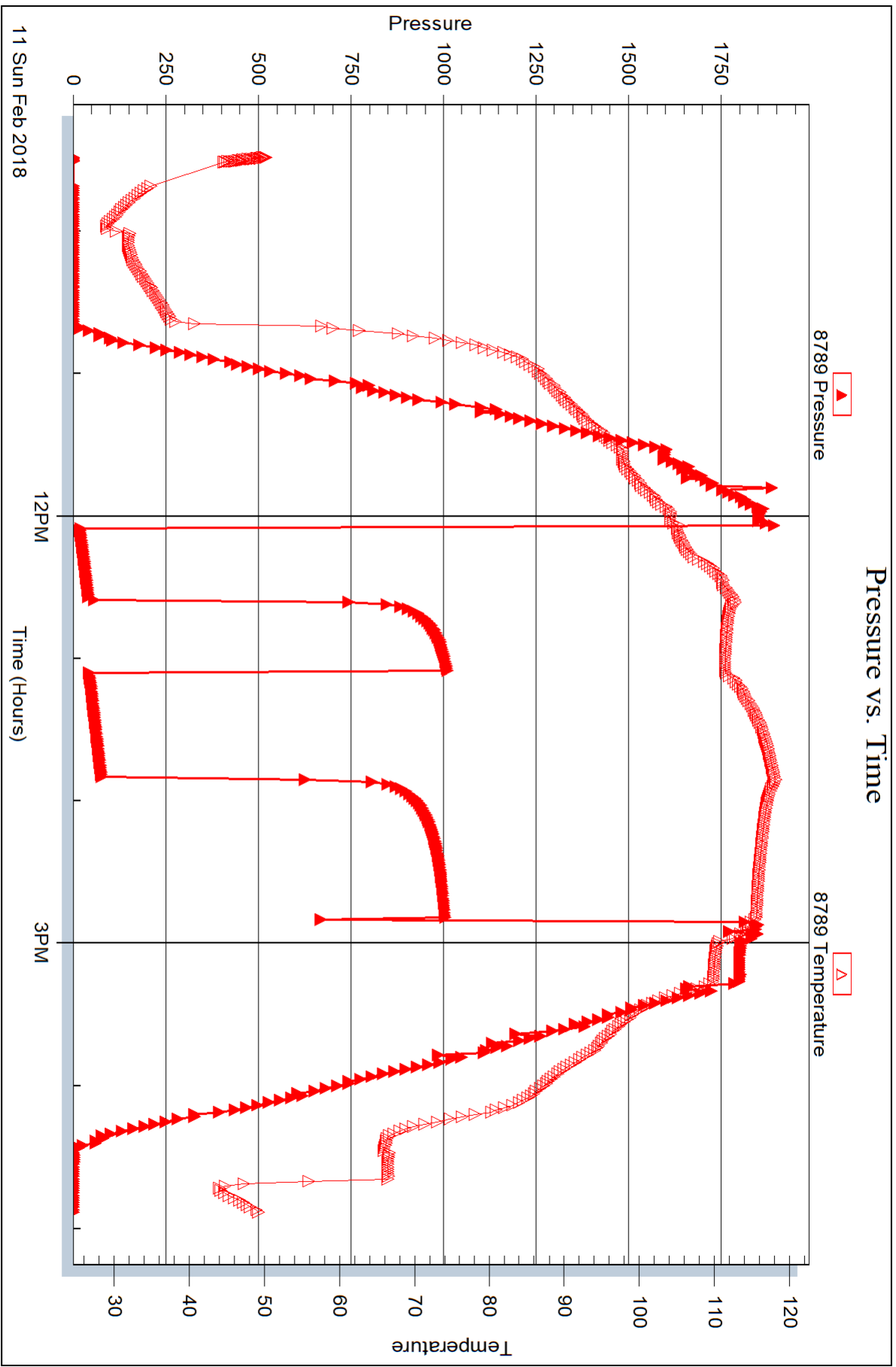
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MCW 10% m 90% w	1.824

Total Length: 130.00 ft Total Volume: 1.824 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .168 @ 46







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Jim Musgrove

Albin #7B-35-1527

35-15s-27w Gove KS

Start Date: 2018.02.12 @ 16:00:00

End Date: 2018.02.12 @ 23:07:00

Job Ticket #: 64507 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.02.15 @ 15:04:01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

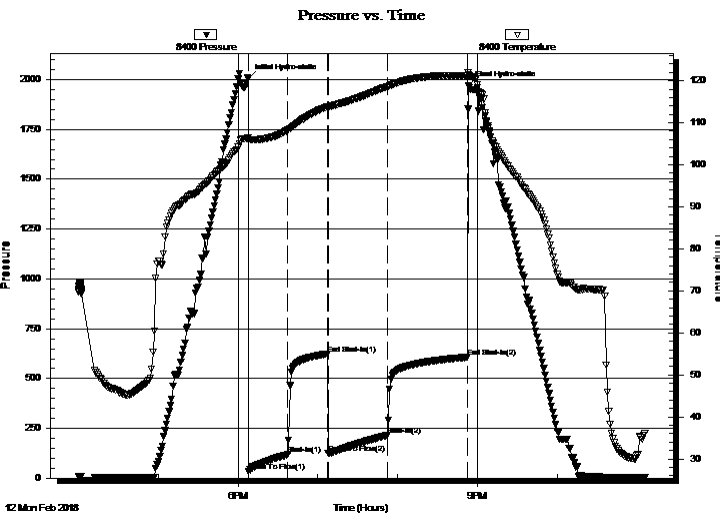
35-15s-27w Gove KS
Albin #7B-35-1527
 Job Ticket: 64507 **DST#: 2**
 Test Start: 2018.02.12 @ 16:00:00

GENERAL INFORMATION:

Formation: **LKC "I - J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:08:01
 Tester: Jim Svaty
 Time Test Ended: 23:07:00
 Unit No: 76
 Interval: **3997.00 ft (KB) To 4058.00 ft (KB) (TVD)**
 Reference Elevations: 2529.00 ft (KB)
 Total Depth: 4058.00 ft (KB) (TVD)
 2519.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 215.25 psig @ 4004.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.02.12 End Date: 2018.02.12 Last Calib.: 2018.02.12
 Start Time: 16:00:01 End Time: 23:06:46 Time On Btm: 2018.02.12 @ 18:07:46
 Time Off Btm: 2018.02.12 @ 20:53:31

TEST COMMENT: 30-IFP- BOB in 12 min.
 30-ISIP- No Blow
 45-FFP- BOB in 14 min.
 60-FSIP- Surface Blow in 3 min. Building to 3/4". In 35 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2005.89	106.46	Initial Hydro-static
1	35.10	105.95	Open To Flow (1)
30	120.17	108.25	Shut-In(1)
60	623.47	113.81	End Shut-In(1)
60	123.91	113.71	Open To Flow (2)
105	215.25	118.60	Shut-In(2)
165	607.00	121.27	End Shut-In(2)
166	1967.55	121.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	GWCM 5%g 45%w 50%m w/show of oil	5.30
25.00	GOWCM 5%g 10%o 35%w 50%m	0.35
5.00	CO 100%	0.07
0.00	156 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

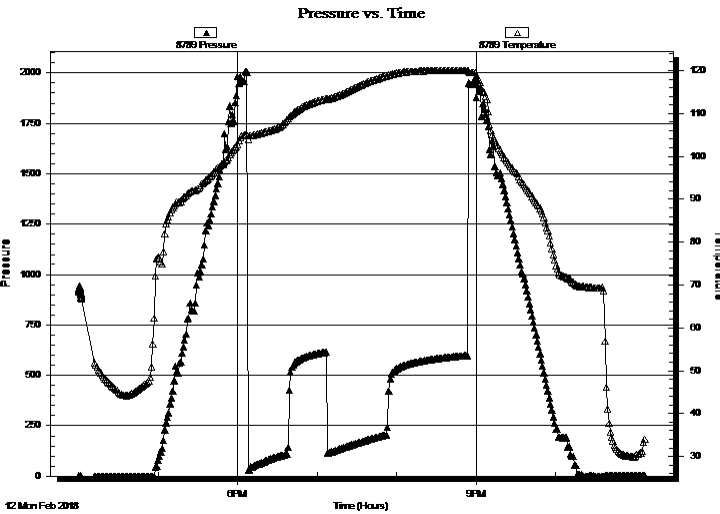
35-15s-27w Gove KS
Albin #7B-35-1527
 Job Ticket: 64507 **DST#: 2**
 Test Start: 2018.02.12 @ 16:00:00

GENERAL INFORMATION:

Formation: **LKC "I - J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:08:01 Tester: Jim Svaty
 Time Test Ended: 23:07:00 Unit No: 76
 Interval: **3997.00 ft (KB) To 4058.00 ft (KB) (TVD)** Reference Elevations: 2529.00 ft (KB)
 Total Depth: 4058.00 ft (KB) (TVD) 2519.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8789 Inside
 Press@RunDepth: psig @ 4004.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.02.12 End Date: 2018.02.12 Last Calib.: 2018.02.12
 Start Time: 16:00:01 End Time: 23:07:01 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 12 min.
 30-ISIP- No Blow
 45-FFP- BOB in 14 min.
 60-FSIP- Surface Blow in 3 min. Building to 3/4". In 35 min.



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

Recovery		
Length (ft)	Description	Volume (bbl)
378.00	GWCM 5%g 45%w 50%m w/show of oil	5.30
25.00	GOWCM 5%g 10%o 35%w 50%m	0.35
5.00	CO 100%	0.07
0.00	156 GIP	0.00

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64507

DST#: 2

ATTN: Jim Musgrove

Test Start: 2018.02.12 @ 16:00:00

Tool Information

Drill Pipe:	Length: 3993.00 ft	Diameter: 3.80 inches	Volume: 56.01 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	63000.00 lb
			<u>Total Volume: 56.01 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3997.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	61.00 ft				
Tool Length:	88.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3971.00	
Shut In Tool	5.00			3976.00	
Hydraulic tool	5.00			3981.00	
Jars	5.00			3986.00	
Safety Joint	2.00			3988.00	
Packer	5.00			3993.00	27.00 Bottom Of Top Packer
Packer	4.00			3997.00	
Stubb	1.00			3998.00	
Perforations	5.00			4003.00	
Change Over Sub	1.00			4004.00	
Recorder	0.00	8789	Inside	4004.00	
Recorder	0.00	8400	Outside	4004.00	
Drill Pipe	31.00			4035.00	
Change Over Sub	1.00			4036.00	
Perforations	19.00			4055.00	
Bullnose	3.00			4058.00	61.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64507

DST#: 2

ATTN: Jim Musgrove

Test Start: 2018.02.12 @ 16:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

115000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
378.00	GWCM 5%g 45%w 50%m w/show of oil	5.302
25.00	GOWCM 5%g 10%o 35%w 50%m	0.351
5.00	CO 100%	0.070
0.00	156 GIP	0.000

Total Length: 408.00 ft

Total Volume: 5.723 bbl

Num Fluid Samples: 0

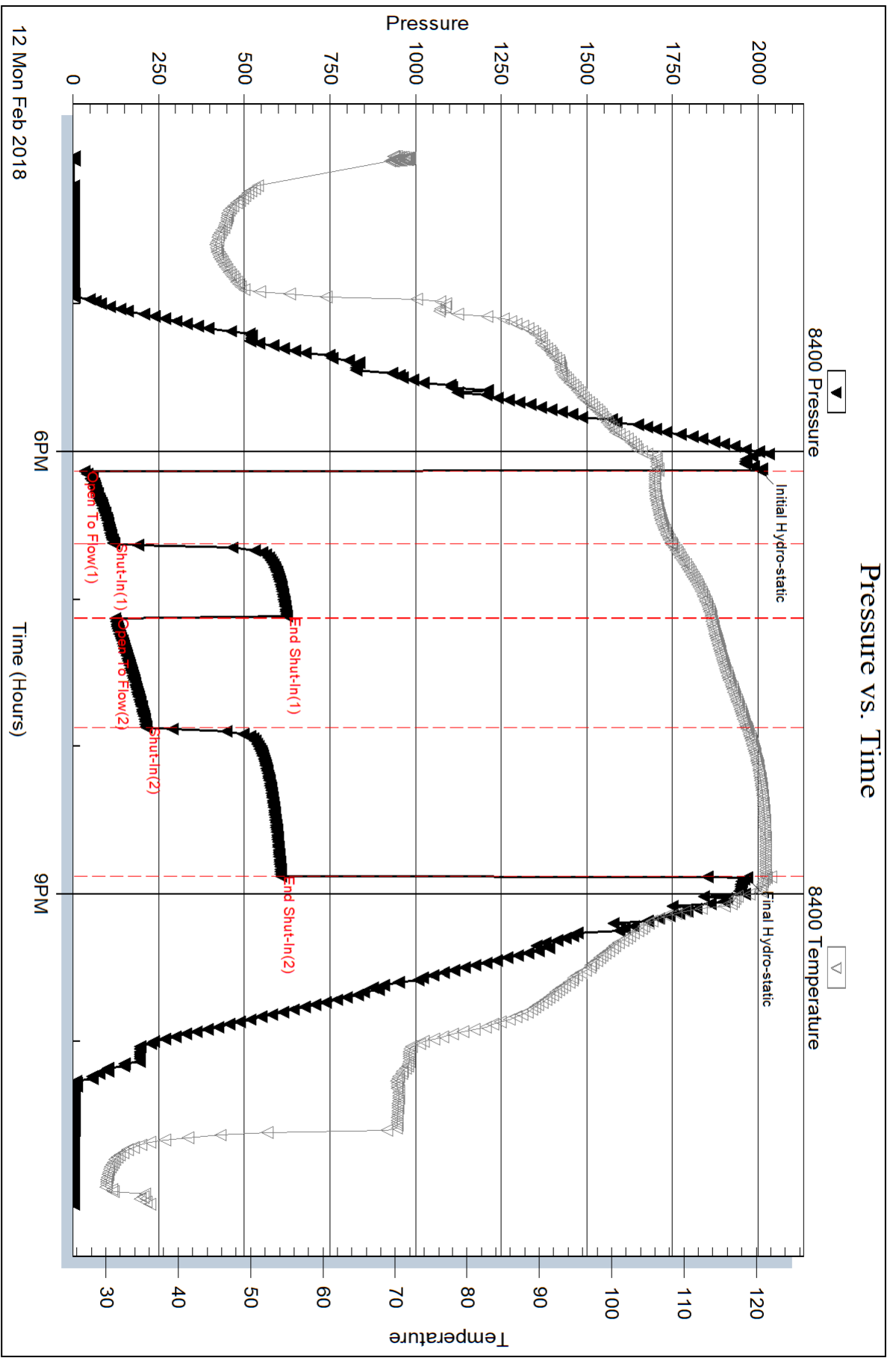
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .159 @ 32



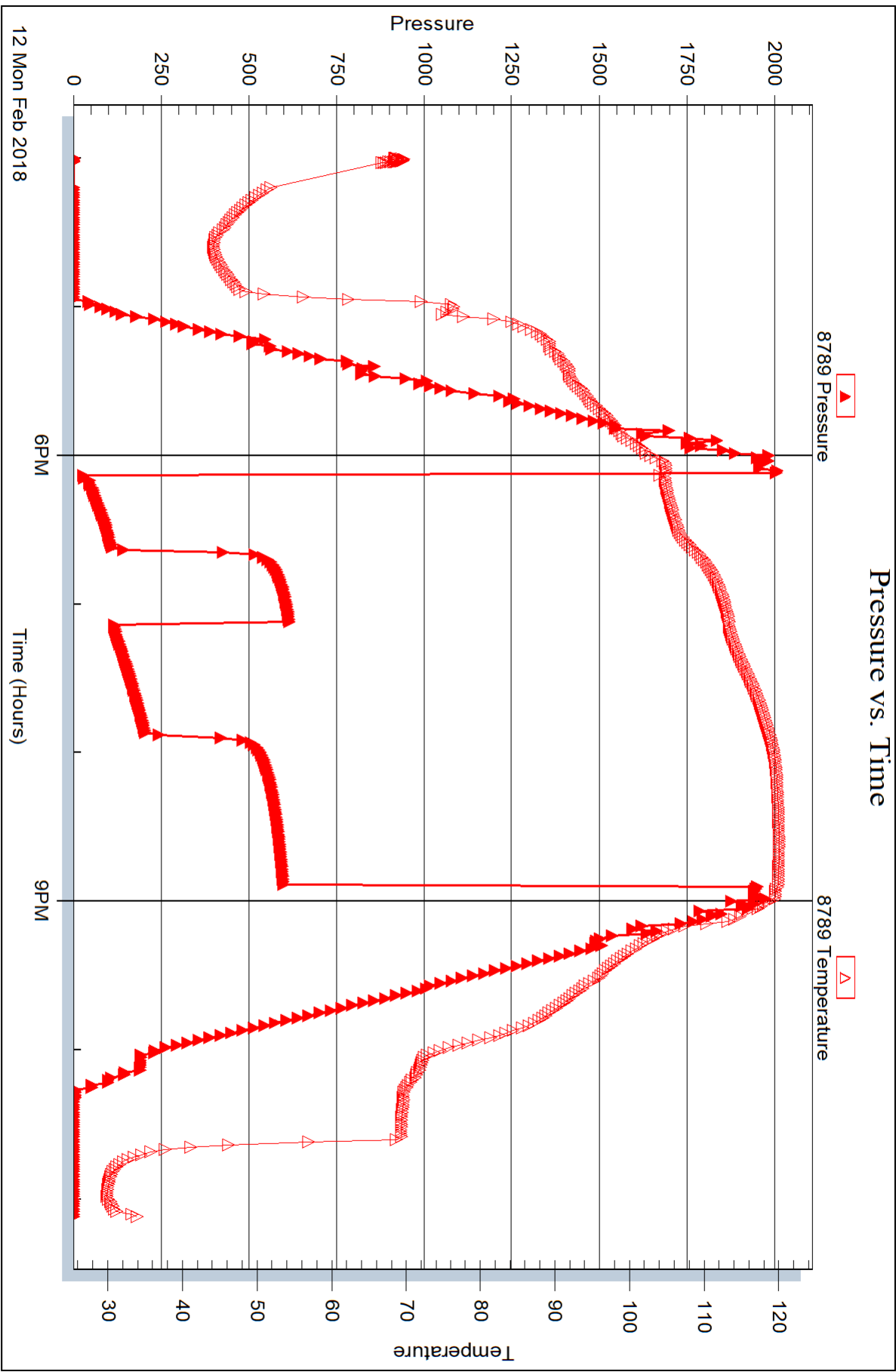
Serial #: 8789

Inside

US Oil Resources LLC

Albin #7B-35-1527

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Jim Musgrove

Albin #7B-35-1527

35-15s-27w Gove KS

Start Date: 2018.02.14 @ 09:20:00

End Date: 2018.02.14 @ 16:50:00

Job Ticket #: 64508 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.02.15 @ 15:03:24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

35-15s-27w Gove KS
Albin #7B-35-1527
 Job Ticket: 64508 **DST#: 3**
 Test Start: 2018.02.14 @ 09:20:00

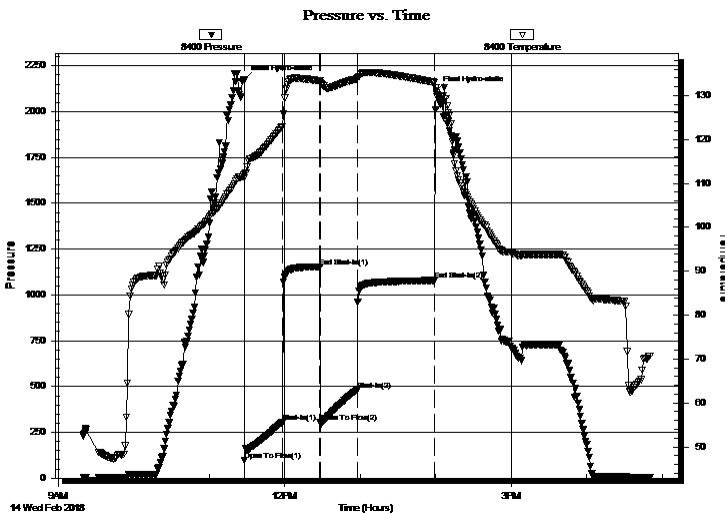
GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:28:01 Tester: Jim Svaty
 Time Test Ended: 16:50:00 Unit No: 76
 Interval: **4258.00 ft (KB) To 4330.00 ft (KB) (TVD)** Reference Elevations: 2529.00 ft (KB)
 Total Depth: 4330.00 ft (KB) (TVD) 2519.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 482.22 psig @ 4265.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.02.14 End Date: 2018.02.14 Last Calib.: 2018.02.14
 Start Time: 09:20:01 End Time: 16:50:01 Time On Btm: 2018.02.14 @ 11:27:46
 Time Off Btm: 2018.02.14 @ 14:00:16

TEST COMMENT: 30-IFP- BOB in 1 1/4 min
 30-ISIP- BOB in 3 1/2 min.
 30-FFP- BOB in 1 3/4 min.
 60-FSIP- BOB in 3 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2173.04	112.18	Initial Hydro-static
1	97.42	111.30	Open To Flow (1)
30	305.51	122.89	Shut-In(1)
60	1154.49	133.33	End Shut-In(1)
61	303.07	132.92	Open To Flow (2)
90	482.22	133.80	Shut-In(2)
152	1079.18	133.00	End Shut-In(2)
153	2113.65	130.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	GMCO 10%g 20%m 70%o	0.88
1480.00	GCO 10%g 90%o	20.76

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64508

DST#: 3

ATTN: Jim Musgrove

Test Start: 2018.02.14 @ 09:20:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:28:01

Time Test Ended: 16:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4258.00 ft (KB) To 4330.00 ft (KB) (TVD)

Reference Elevations: 2529.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

2519.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8789

Inside

Press@RunDepth: psig @ 4265.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.14

End Date:

2018.02.14

Last Calib.:

2018.02.14

Start Time: 09:20:01

End Time:

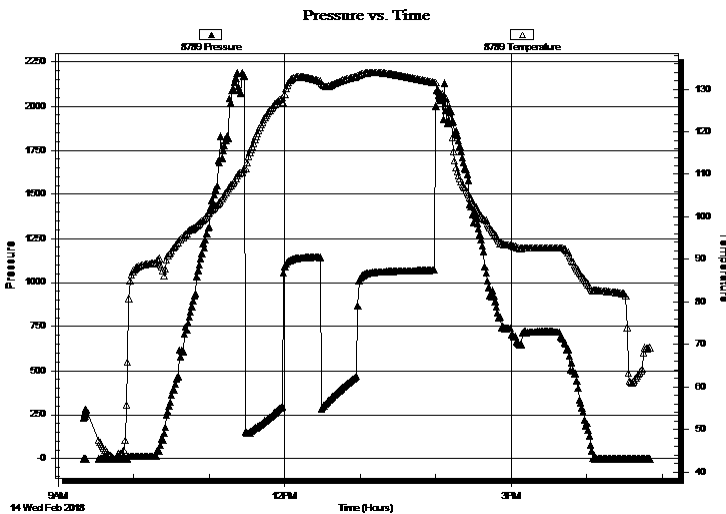
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Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 1 1/4 min.
30-ISIP- BOB in 3 1/2 min.
30-FFP- BOB in 1 3/4 min.
60-FSIP- BOB in 3 min.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
63.00	GMCO 10%g 20%m 70%o	0.88
1480.00	GCO 10%g 90%o	20.76

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64508

DST#: 3

ATTN: Jim Musgrove

Test Start: 2018.02.14 @ 09:20:00

Tool Information

Drill Pipe:	Length: 4245.00 ft	Diameter: 3.80 inches	Volume: 59.55 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4258.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4232.00	
Shut In Tool	5.00			4237.00	
Hydraulic tool	5.00			4242.00	
Jars	5.00			4247.00	
Safety Joint	2.00			4249.00	
Packer	5.00			4254.00	27.00 Bottom Of Top Packer
Packer	4.00			4258.00	
Stubb	1.00			4259.00	
Perforations	5.00			4264.00	
Change Over Sub	1.00			4265.00	
Recorder	0.00	8789	Inside	4265.00	
Recorder	0.00	8400	Outside	4265.00	
Drill Pipe	31.00			4296.00	
Change Over Sub	1.00			4297.00	
Perforations	30.00			4327.00	
Bullnose	3.00			4330.00	72.00 Bottom Packers & Anchor
Total Tool Length:	99.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64508

DST#: 3

ATTN: Jim Musgrove

Test Start: 2018.02.14 @ 09:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	GMCO 10%g 20%m 70%o	0.884
1480.00	GCO 10%g 90%o	20.761

Total Length: 1543.00 ft Total Volume: 21.645 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

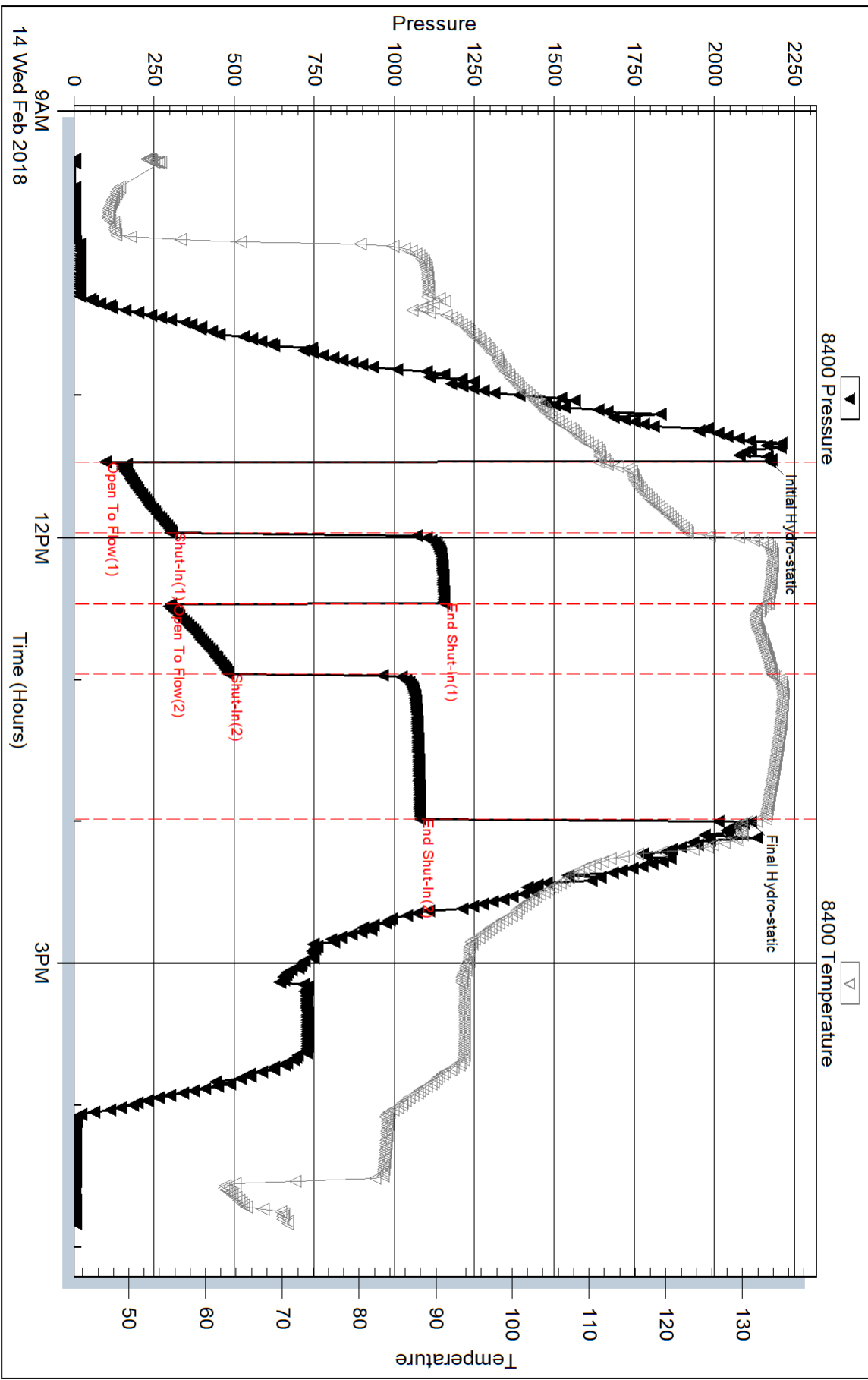
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



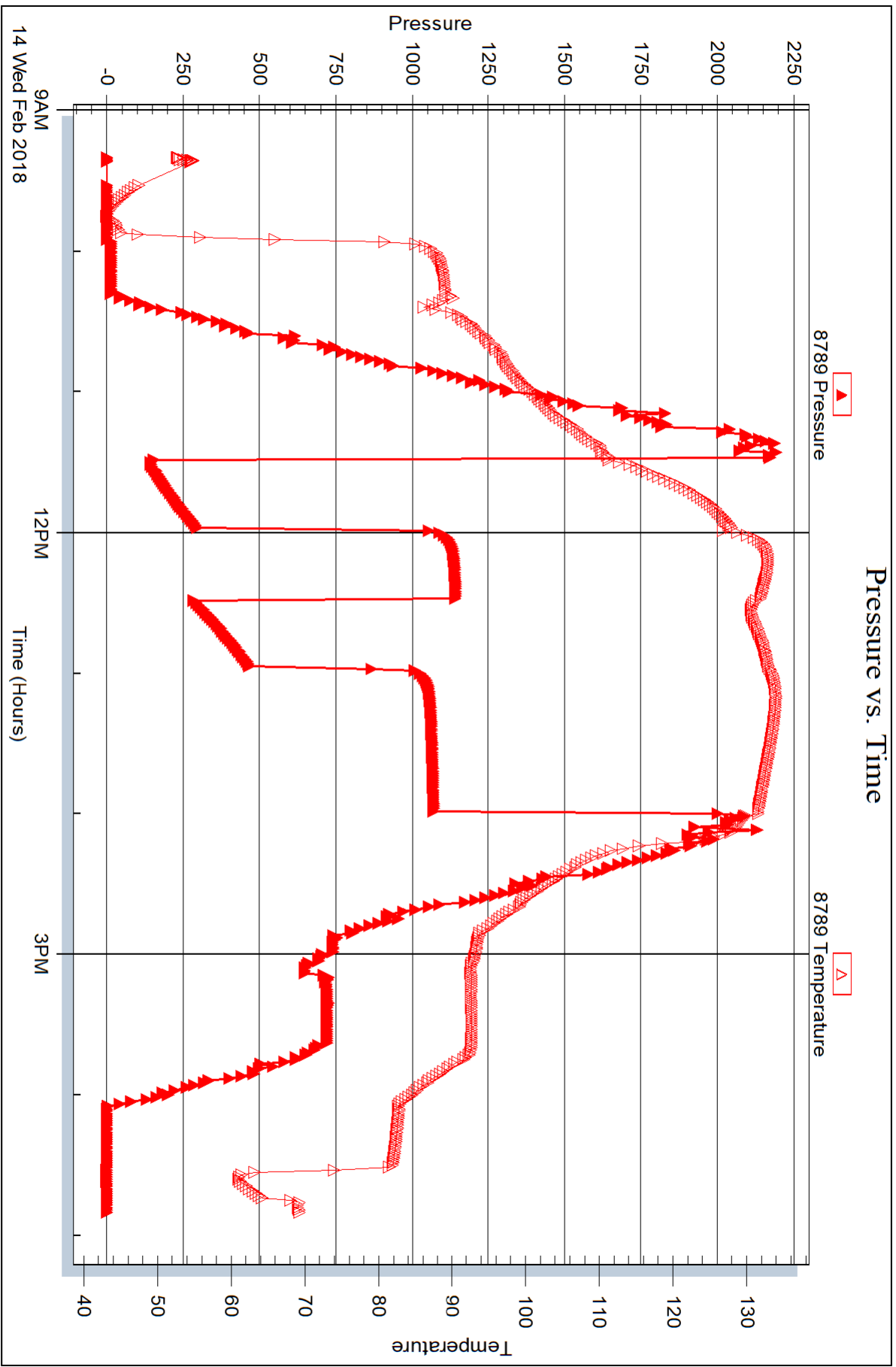
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Inside

US Oil Resources LLC

Albin #7B-35-1527

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Jim Musgrove

Albin #7B-35-1527

35-15s-27w Gove KS

Start Date: 2018.02.15 @ 04:07:00

End Date: 2018.02.15 @ 12:33:00

Job Ticket #: 64509 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.02.15 @ 14:16:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

35-15s-27w Gove KS
Albin #7B-35-1527
 Job Ticket: 64509 **DST#: 4**
 Test Start: 2018.02.15 @ 04:07:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:17:46
 Time Test Ended: 12:33:00
 Interval: **4373.00 ft (KB) To 4393.00 ft (KB) (TVD)**
 Total Depth: 4393.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2529.00 ft (KB)
 2519.00 ft (CF)
 KB to GR/CF: 10.00 ft

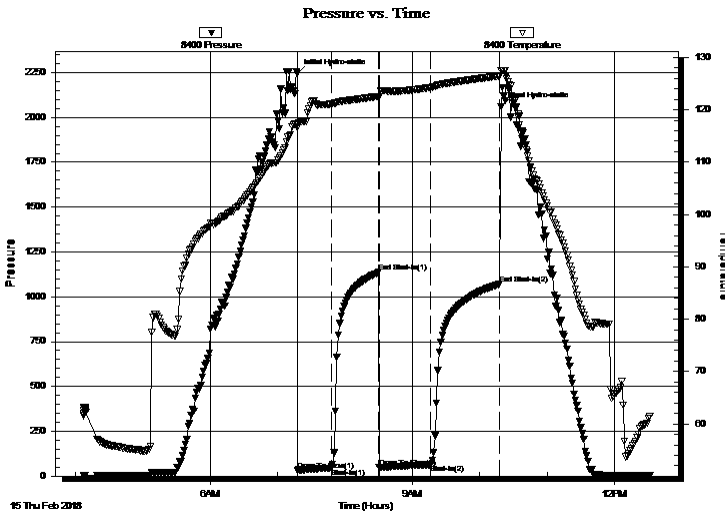
Serial #: 8400

Outside

Press@RunDepth: 64.32 psig @ 4376.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.02.15 End Date: 2018.02.15 Last Calib.: 2018.02.15
 Start Time: 04:07:01 End Time: 12:32:31 Time On Btm: 2018.02.15 @ 07:17:31
 Time Off Btm: 2018.02.15 @ 10:19:01

TEST COMMENT: 30-IFP- Surface Blow Building to 4 3/4"
 45-ISIP- No Blow
 45-FFP- Surface Blow Building to 4"
 60-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.36	117.39	Initial Hydro-static
1	33.78	116.54	Open To Flow (1)
31	45.99	121.10	Shut-In(1)
73	1137.41	122.58	End Shut-In(1)
73	49.52	122.57	Open To Flow (2)
119	64.32	124.30	Shut-In(2)
181	1071.70	126.43	End Shut-In(2)
182	2060.78	127.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WOCM 2%w 45%o 53%m	0.88
25.00	CO 100%	0.35

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

35-15s-27w Gove KS
Albin #7B-35-1527
Job Ticket: 64509 **DST#: 4**
Test Start: 2018.02.15 @ 04:07:00

GENERAL INFORMATION:

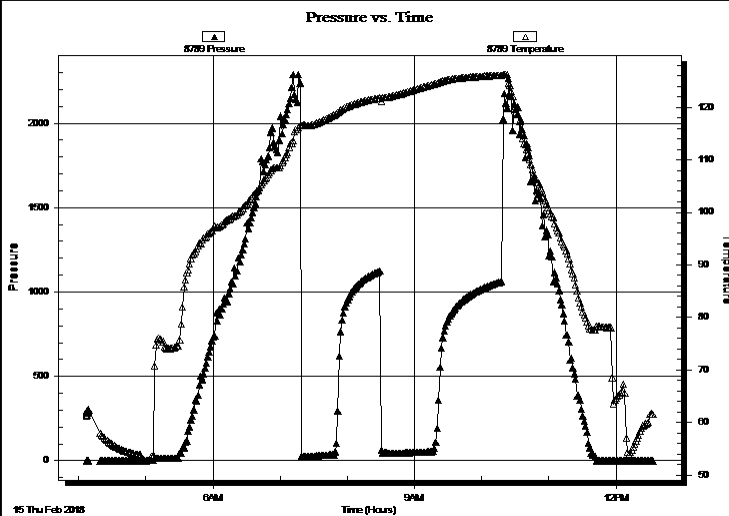
Formation: Mississippi		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 07:17:46		Tester: Jim Svaty
Time Test Ended: 12:33:00		Unit No: 76
Interval: 4373.00 ft (KB) To 4393.00 ft (KB) (TVD)		Reference Elevations: 2529.00 ft (KB)
Total Depth: 4393.00 ft (KB) (TVD)		2519.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 10.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 4376.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2018.02.15	End Date: 2018.02.15
Start Time: 04:07:01	End Time: 12:32:46
	Last Calib.: 2018.02.15
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30-IFP- Surface Blow Building to 4 3/4"
45-ISIP- No Blow
45-FFP- Surface Blow Building to 4"
60-FSIP- No Blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WOCM 2%w 45%o 53%m	0.88
25.00	CO 100%	0.35

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64509

DST#: 4

ATTN: Jim Musgrove

Test Start: 2018.02.15 @ 04:07:00

Tool Information

Drill Pipe:	Length: 4371.00 ft	Diameter: 3.80 inches	Volume: 61.31 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 61.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4373.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4343.00	
Shut In Tool	5.00			4348.00	
Hydraulic tool	5.00			4353.00	
Jars	5.00			4358.00	
E M	4.00			4362.00	
Safety Joint	2.00			4364.00	
Packer	5.00			4369.00	31.00 Bottom Of Top Packer
Packer	4.00			4373.00	
Stubb	1.00			4374.00	
Perforations	2.00			4376.00	
Recorder	0.00	8789	Inside	4376.00	
Recorder	0.00	8400	Outside	4376.00	
Perforations	14.00			4390.00	
Bullnose	3.00			4393.00	20.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

35-15s-27w Gove KS

6727 W Prentice Ave
Lakewood CO 80123

Albin #7B-35-1527

Job Ticket: 64509

DST#: 4

ATTN: Jim Musgrove

Test Start: 2018.02.15 @ 04:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	WOCM 2%w 45%o 53%m	0.884
25.00	CO 100%	0.351

Total Length: 88.00 ft Total Volume: 1.235 bbl

Num Fluid Samples: 0

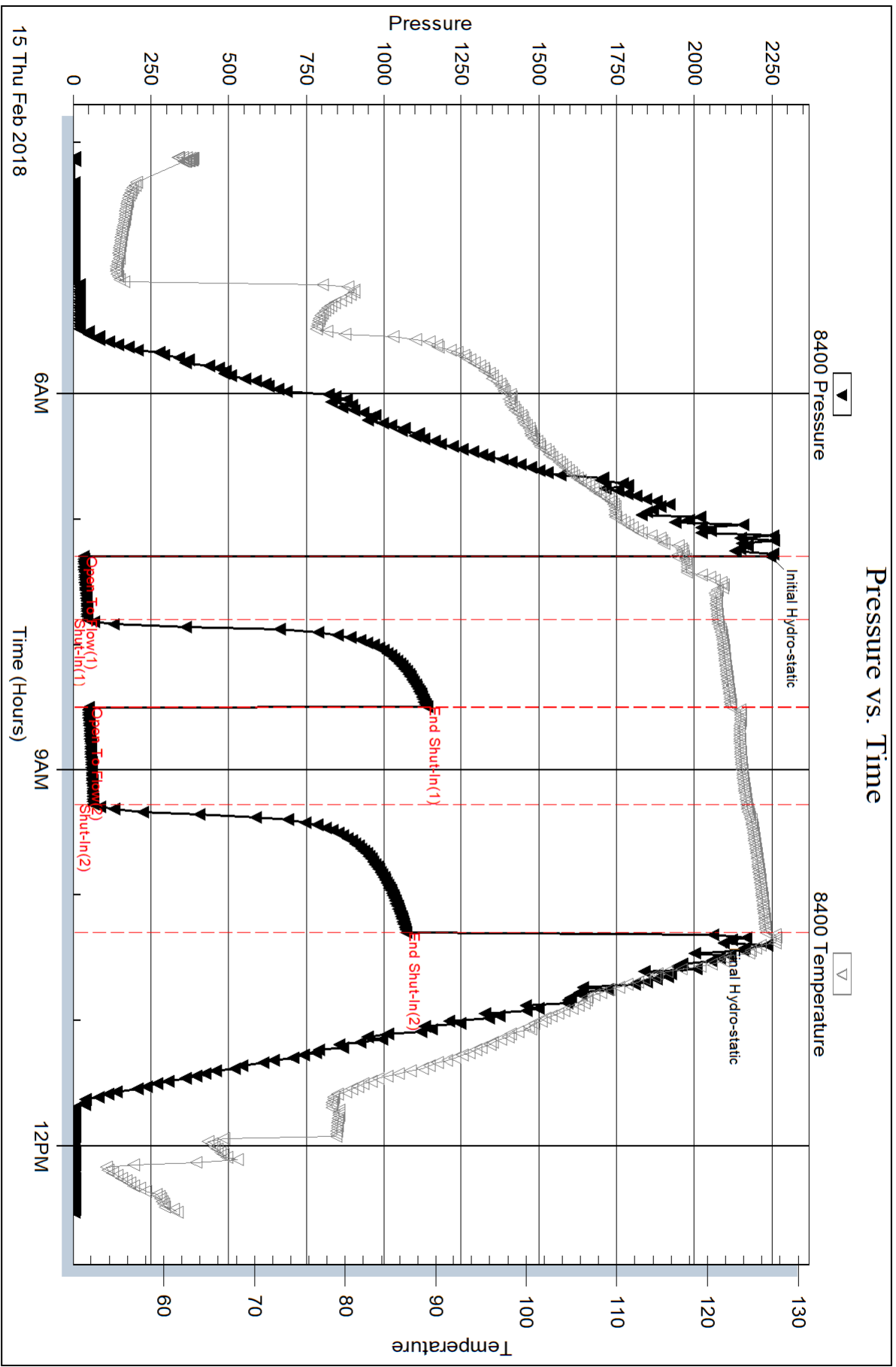
Num Gas Bombs: 0

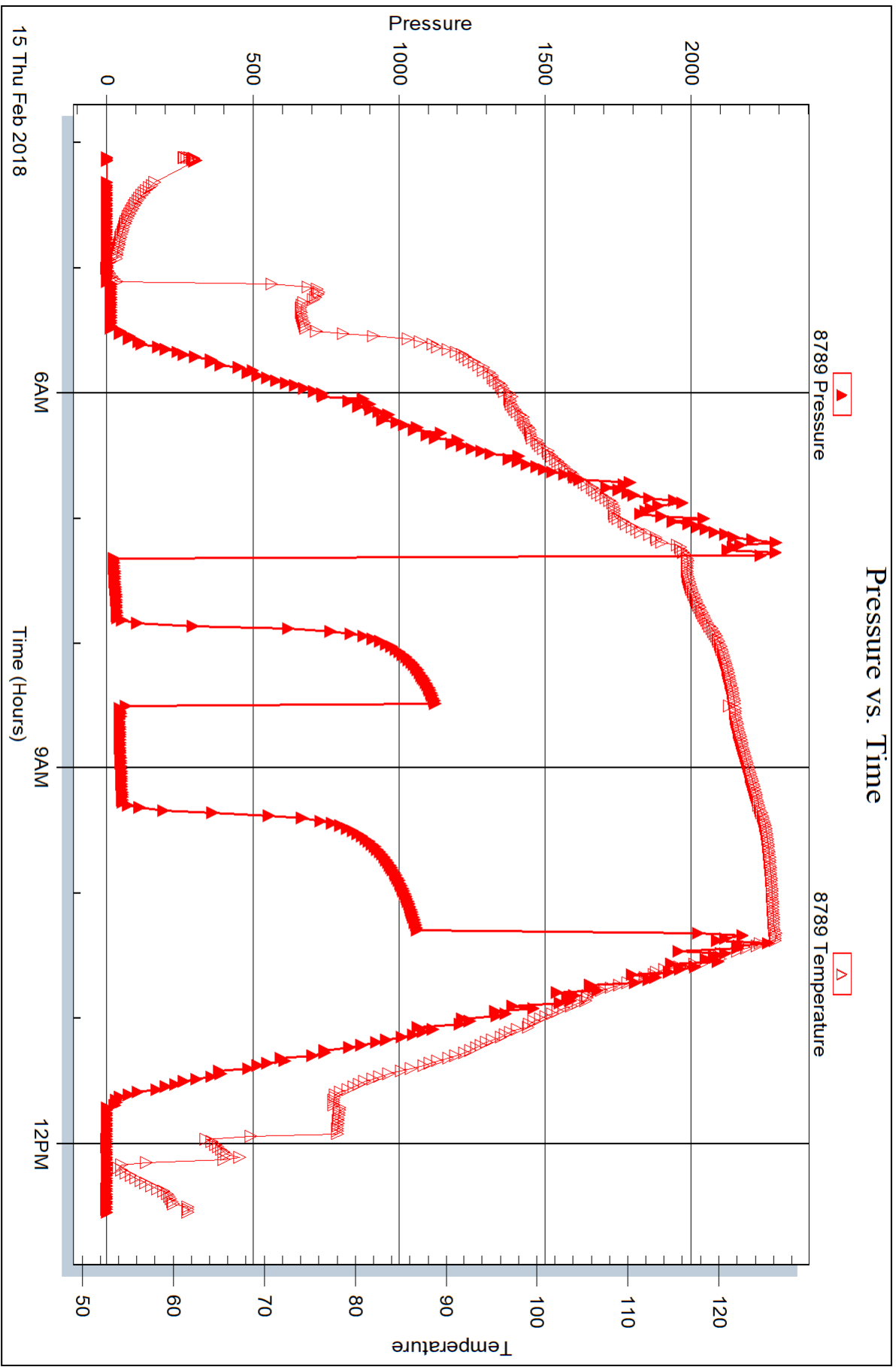
Serial #:

Laboratory Name:

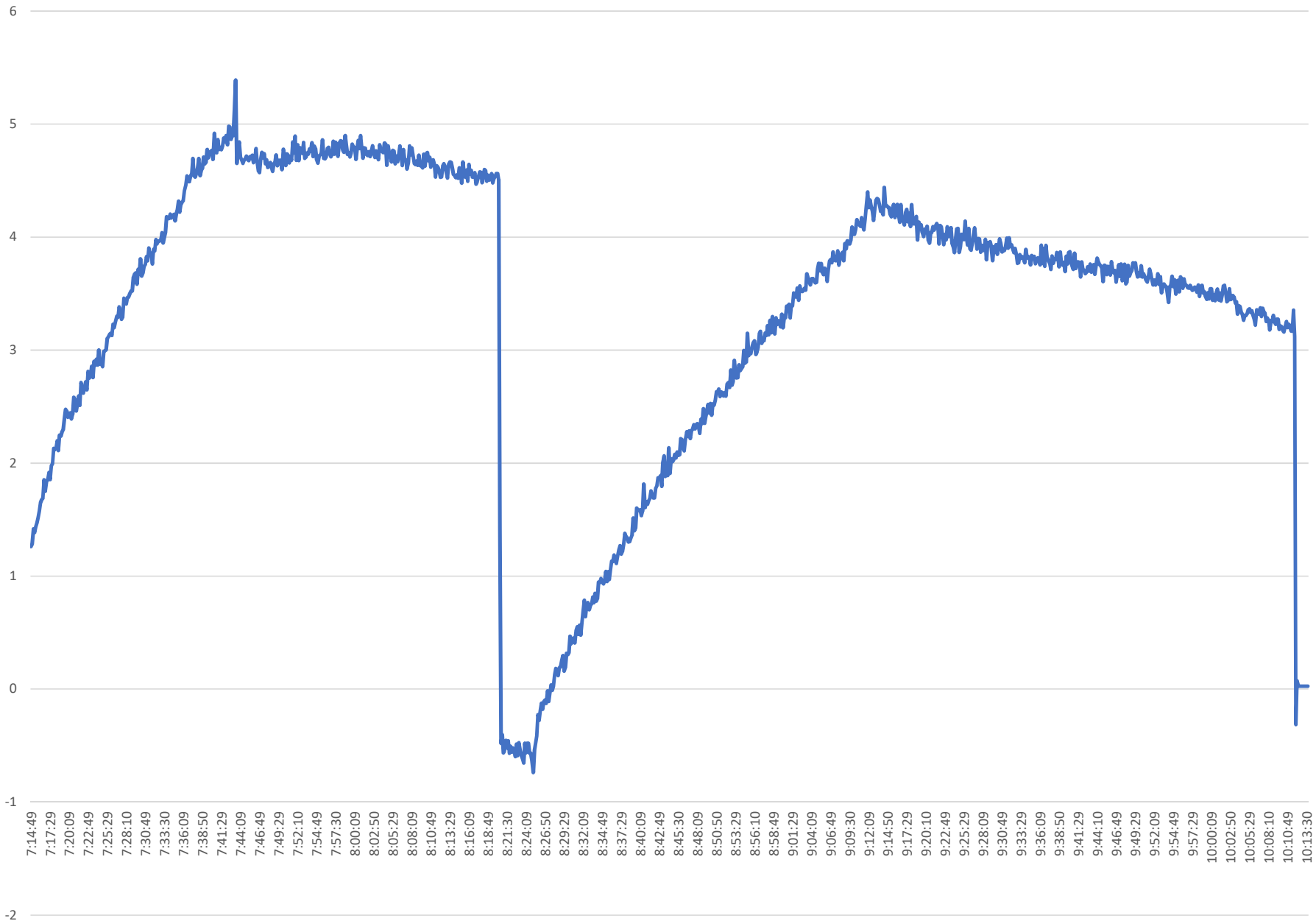
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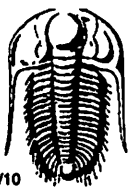
Recovery Comments:





US Oil Resources Albin #7B-35-1527 dst 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64175

Well Name & No. Albin TB-35-1527 Test No. 1 Date 2-11-18
 Company U.S. Oil Resources LLC Elevation 2529 KB 2519 GL
 Address 6727 W. Prentice Ave. Lakewood CO. 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke 4
 Location: Sec. 35 Twp. 15S Rge. 27W Co. Moive State K5

Interval Tested 3856-3874 Zone Tested LKC "D"
 Anchor Length 18 Drill Pipe Run 3835 Mud Wt. 8.9
 Top Packer Depth 3851 Drill Collars Run 0 Vis 58
 Bottom Packer Depth 3856 Wt. Pipe Run 0 WL 6.4
 Total Depth 3874 Chlorides 1100 ppm System LCM 4
 Blow Description IFP - 3 1/2 in 10 min - 5 1/4 in 20 min - 5 1/2 in 30 min.
ISIP - No Blow
FFP - 1 1/2 in 10 min - 2 in 20 min - 3 1/4 in 30 min - 4 in 45 min.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>MCLW</u>		<u>90</u>	<u>10</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

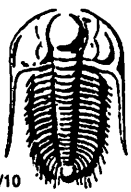
Rec Total 130 BHT 117 Gravity _____ API RW 168 @ 46 °F Chlorides 72000 ppm

(A) Initial Hydrostatic 1892 Test 1050 T-On Location 6:30
 (B) First Initial Flow 27 Jars 250 T-Started 9:29
 (C) First Final Flow 50 Safety Joint 75 T-Open 12:05
 (D) Initial Shut-In 1017 Circ Sub _____ T-Pulled 14:50
 (E) Second Initial Flow 51 Hourly Standby _____ T-Out 16:53
 (F) Second Final Flow 86 Mileage 220 RT Comments _____
 (G) Final Shut-In 1012 Sampler 97rt 97 _____
 (H) Final Hydrostatic 1833 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1472 Total 1472 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64507

Well Name & No. Albin 7B-35-1527 Test No. 2 Date 2-12-18
 Company US Oil Resources LLC Elevation 2529 KB 2519 GL
 Address 6727 W. Prentice Ave Lakewood CO 80623
 Co. Rep / Geo. Jim Musgrove Rig Duke 4
 Location: Sec. 35 Twp. 9S Rge. 27W Co. Love State KS

Interval Tested 3997-4058 Zone Tested LKC "I-J"
 Anchor Length 61 Drill Pipe Run 3993 Mud Wt. 9
 Top Packer Depth 3992 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3997 Wt. Pipe Run 0 WL 64
 Total Depth 4058 Chlorides 1600 ppm System LCM 3

Blow Description IFP - BOB in 12 min.
ISIP - No Blow

FFP - BOB in 14 min.
FSP - Surface Blow in 3 min. Building to 3/4 in IN 35 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>378</u>	<u>AWCM (Shore Fail)</u>	<u>5</u>	<u>10</u>	<u>45</u>	<u>50</u>
<u>25</u>	<u>20WCM</u>	<u>5</u>	<u>10</u>	<u>35</u>	<u>50</u>
<u>5</u>	<u>CO</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>156</u>	<u>IFP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

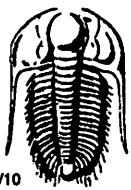
Rec Total 408 BHT 122 Gravity 37 API RW 159@32 °F Chlorides 115,000 ppm

(A) Initial Hydrostatic 2005 Test 1150 T-On Location 15:35
 (B) First Initial Flow 35 Jars 250 T-Started 16:00
 (C) First Final Flow 120 Safety Joint 75 T-Open 18:08
 (D) Initial Shut-In 623 Circ Sub _____ T-Pulled 20:53
 (E) Second Initial Flow 123 Hourly Standby _____ T-Out 23:07
 (F) Second Final Flow 215 Mileage 97 Comments _____
 (G) Final Shut-In 607 Sampler _____
 (H) Final Hydrostatic 1967 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 45 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1572 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64508

Well Name & No. Albin 7B-35-1527 Test No. 3 Date 2-14-18
 Company US Oil Resources LLC Elevation 2529 KB 2519 GL
 Address 6727 W. Prentice Ave. Lakewood CO. 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke 4
 Location: Sec. 35 Twp. 15S Rge. 27W Co. Arve State KS

Interval Tested 4258-4330 Zone Tested Fr. Scott
 Anchor Length 72 Drill Pipe Run 4245 Mud Wt. 9
 Top Packer Depth 4253 Drill Collars Run 0 Vis 60+
 Bottom Packer Depth 4258 Wt. Pipe Run 0 WL 6.4
 Total Depth 4330 Chlorides 2800 ppm System LCM 4

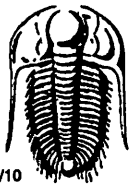
Blow Description IFP - BOB in 1min. 15 sec.
ISIP - BOB in 3min 30 sec.
FFP - BOB in 1min. 45 sec.
FSIP - BOB in 3min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>AMCO</u>	<u>10</u>	<u>70</u>	<u>20</u>	<u>0</u>
<u>1480</u>	<u>Free Oil</u>	<u>10</u>	<u>90</u>	<u>0</u>	<u>0</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total	<u>1543</u>	BHT <u>133</u>	Gravity <u>30</u>	API RW @	F Chlorides ppm

(A) Initial Hydrostatic	<u>2173</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>08:45</u>
(B) First Initial Flow	<u>97</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>09:20</u>
(C) First Final Flow	<u>305</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>11:28</u>
(D) Initial Shut-In	<u>1154</u>	<input checked="" type="checkbox"/> Circ Sub	<u>50</u>	T-Pulled	<u>13:58</u>
(E) Second Initial Flow	<u>303</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>16:50</u>
(F) Second Final Flow	<u>482</u>	<input checked="" type="checkbox"/> Mileage	<u>97</u>	Comments	
(G) Final Shut-In	<u>1079</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2113</u>	<input type="checkbox"/> Straddle			

Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Day Standby		Total	<u>1622</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1622</u>		

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64509

Well Name & No. Albin 7B-35-1527 Test No. 4 Date 2-15-18
 Company U.S. Oil Resources LLC Elevation 2529 KB 2519 GL
 Address 6727 W. Prentice Ave Lakewood CO, 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke 4
 Location: Sec. 35 Twp. 15S Rge. 27W Co. Mo State K5

Interval Tested 4373-4393 Zone Tested Miss
 Anchor Length 20 Drill Pipe Run ~~4371~~ 4371 Mud Wt. 9
 Top Packer Depth 4368 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 4373 Wt. Pipe Run 0 WL 6.4
 Total Depth 4393 Chlorides 2700 ppm System LCM 3

Blow Description FFP- Surface Blow Building to 4 3/4 in.
ISIP- No Blow
FFP- Surface Blow Building to 4 in.
FSIP- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>WOCM</u>	<u>45</u>	<u>2</u>	<u>53</u>	
<u>25</u>	<u>CO.</u>	<u>100</u>			
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 88 BHT
 (A) Initial Hydrostatic 2244
 (B) First Initial Flow 33
 (C) First Final Flow 45
 (D) Initial Shut-In 1137
 (E) Second Initial Flow 49
 (F) Second Final Flow 64
 (G) Final Shut-In 1071
 (H) Final Hydrostatic 2060
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Gravity 37 API RW @ _____ ° F Chlorides _____ ppm
 Test 1150
 Jars 250
 Safety Joint 75
 Circ Sub _____
 Hourly Standby _____
 Mileage 97
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1572

T-On Location 03:25
 T-Started 04:07
 T-Open 07:18
 T-Pulled 10:18
 T-Out 12:33
 Comments RAN EM Recorder
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1572
 MP/DST Disc't _____

Approved By _____ Our Representative

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Musgrove

Petroleum Geology
212 Main Street, Claflin KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>US Oil Resources, LLC</u>	ELEVATIONS
LEASE <u>Albin #7B-35-1527</u>	KB <u>2528'</u>
FIELD <u>Unknown</u>	DF _____
LOCATION <u>NW-SW-NE (1943' FNL & 2218 FEL)</u>	GL <u>2519'</u>
SEC <u>35</u> TWSP <u>15S</u> RGE <u>27W</u>	Measurements Are All From <u>KB</u>
COUNTY <u>Gove</u> STATE <u>Kansas</u>	
CONTRACTOR <u>Duke Drilling Co. (Rig #4)</u>	CASING
SPUD <u>2/05/2018</u> COMP <u>02/16/2018</u>	SURFACE <u>8 5/8"@ 222'</u>
RTD <u>3600'</u> LTD <u>3600'</u>	PRODUCTION <u>5 1/2"@ 4598'</u>
MUD UP <u>3300'</u> TYPE MUD <u>Chemical</u>	ELECTRICAL SURVEYS
	Weatherford; Comp. Sonic, Density, Array Ind., Dual Spaced Neutron, Micro

SAMPLES SAVED FROM 3400' TO RTD

DRILLING TIME KEPT FROM 3400' TO RTD

SAMPLES EXAMINED FROM 3400' TO RTD

GEOLOGICAL SUPERVISION FROM 3650' TO RTD

GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
Anhydrite 1951(+577)		US BKC 4104(-1576)
B. Anhydrite 1986(+542)		Marmaton 4137(-1609)
Heebner 3741(-1213)		Pawnee 4175(-1647)
B. Heebner 3744(-1216)		US Ft. Scott 4266(-1738)
Toronto 3760(-1232)		Ft. Scott 4273(-1741)
Lansing 3780(-1252)		Cherokee 4300(-1772)
Muncie Creek 3932(-1404)		Miss. 4368(-1840)
Stark 4025(-1497)		Miss. Osage 4456(-1928)
Hushpuckney 4054(-1526)		RTD 4600(-2072)
Base KC 4080(-1552)		LTD 4600(-2072)

X
35

LEGEND

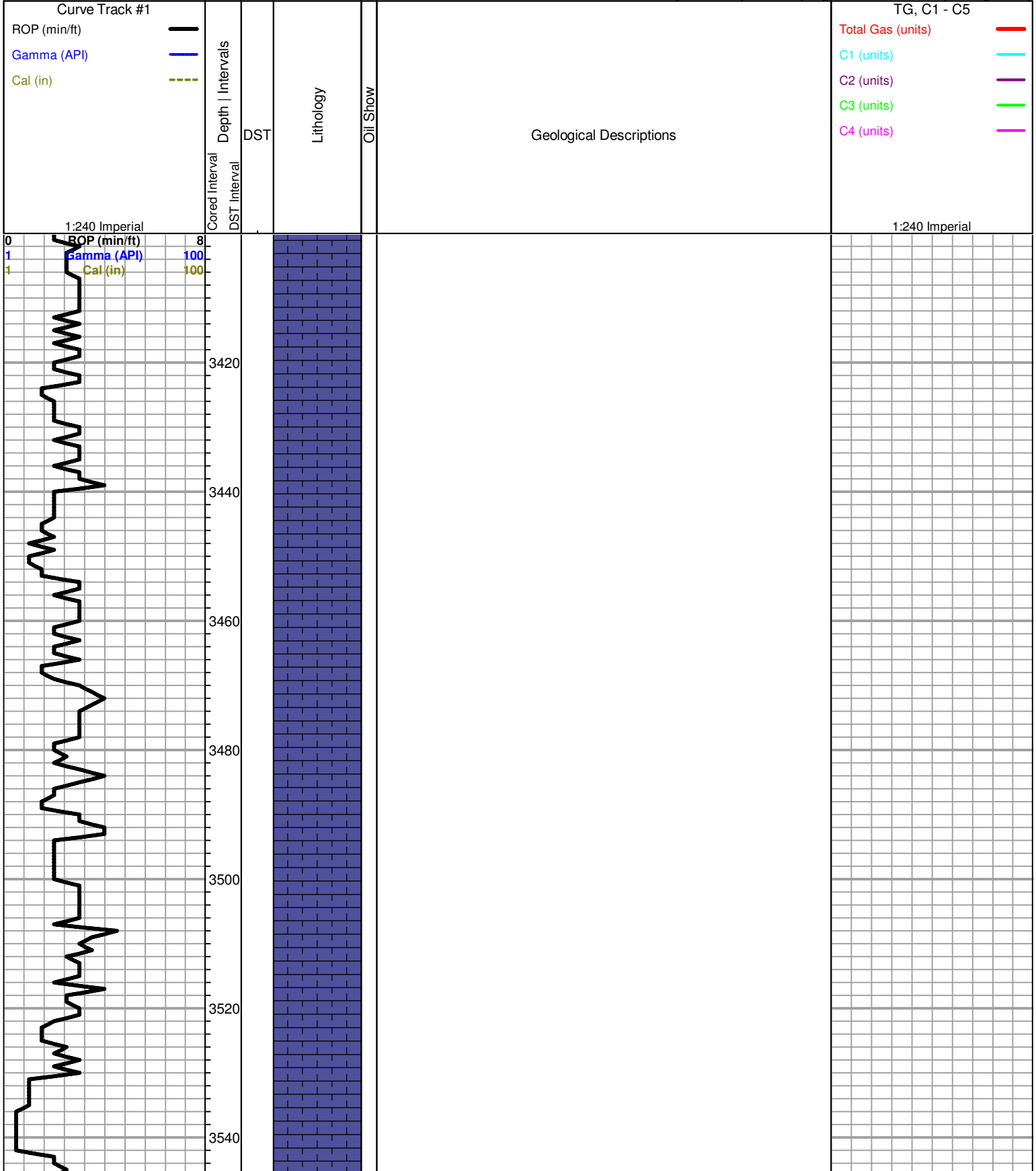
Oil Show

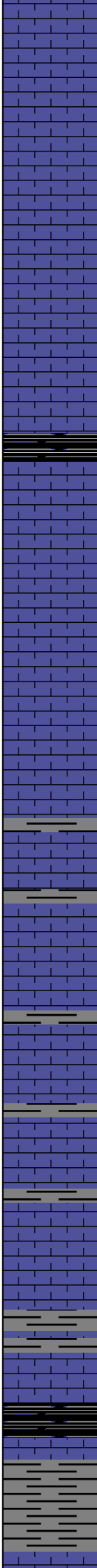
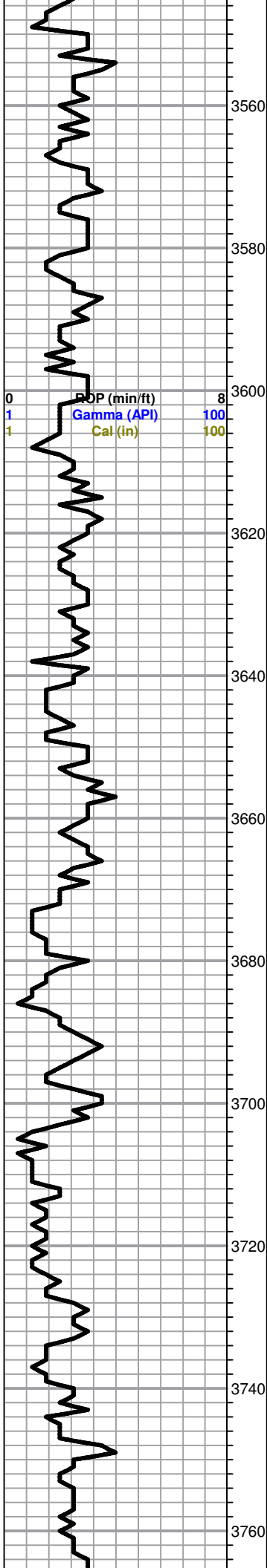
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Strn
- D Dead Oil Strn
- Fluorescence
- * Gas

DST

- DST Int
- DST alt
- Core
- tail pipe

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LS, gry, tan, foss, gran. poor visible porosity, no shows

Sh, black blocky carb

LS, tan, gry, gran. chalky, poor visible porosity, no shows

LS, white, tan, fxl, chalky in pts, tr. white chert & white chalk

LS, a/a

LS, white, gry, foss, few w/ scattered porosity, no shows

LS, tan, foss, scattered XL/ foss. cast porosity, + gry foss chert

LS, a/a, scattered fine vuggy type porosity

LS, white/gry, f-med xln, foss/scattered vuggy type porosity

LS, a/a +gry chert

LS, white/ gry, chalk, few shaley ???

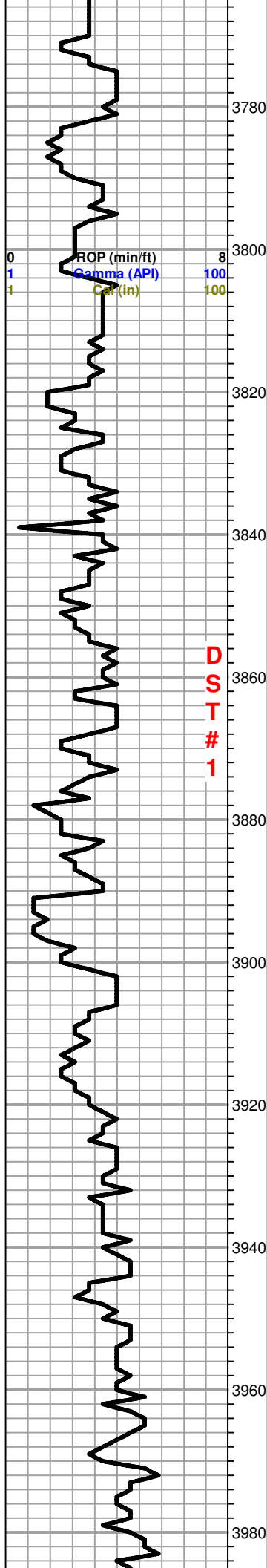
Heebner 3743.0 (-1215.0)

Sh, black carb

LS, white/cream, chalky, no shows

Sh, gry/gryish green, soft

Toronto 3764.0 (-1236.0)



LS, white/ gry, fxl, slightly chalky, poor visible porosity, no shows

Sh, gry, greenish, soft

Lansing 3780.0 (-1252.0)

LS, white/cream, few ool, chalky, few scattered vuggy porosity, no shows

Slug of white chert

LS, white, cream, chalky, poor visible porosity, + chert a/a

LS, white, cream, fxl, few foss, + amber chert, a/a no shows

LS, white, gry, cream, few foss, chalky, + amber/ gry, foss, opaque chert

LS, a/a

Sh, gry, coffee brown

LS, white, cream, fxl, slightly foss, scattered p.p.- fine vuggy porosity, brown stain, sfo, ft. odor

LS, cream, white, fxl, ool, few sub oom, chalky, poor visible porosity

LS, gry, light gry, fxl, slightly chalky, poor visible porosity, no shows

LS, tan/gry, fxl, cherty in pts, no shows

Muncie Creek 3933.0 (-1405.0)

Sh, black carb

LS, tan/gry-white, few foss, chalky, poor spty stain, tr. fo, no odor

Slug white/ gry, chalky LS

LS, white, fxl, ool, slightly chalky, scattered INXLN porosity brown/golden brown stain, sfo, no odor, tr.

DST #1 3856-3874

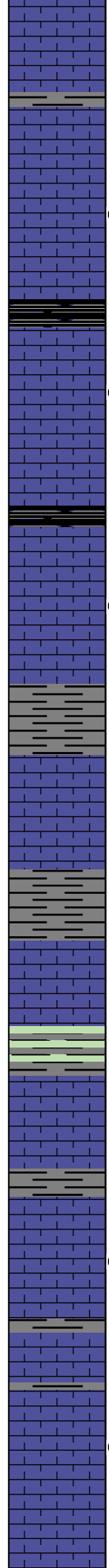
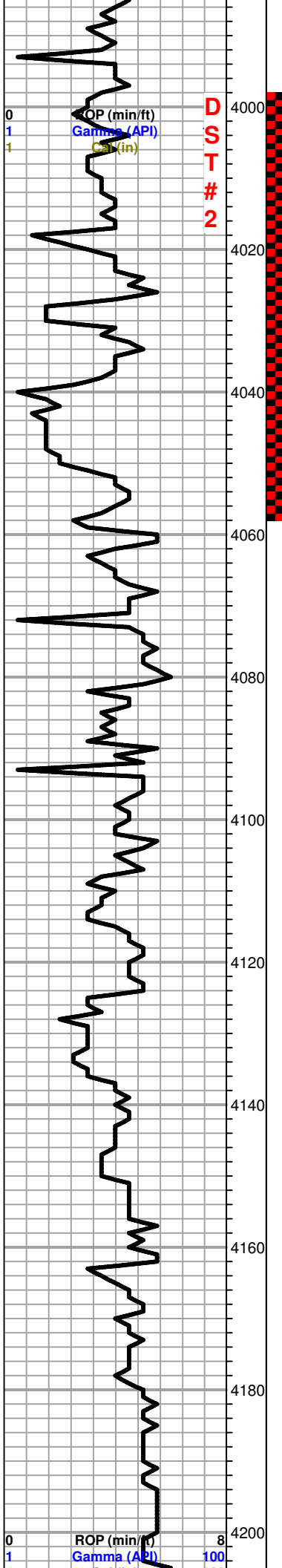
30-30-45-60

1st Open:
Fair blow (5.5")

2nd Open:
Weak (4")

Recovery:
130' muddy water
(90%W, 10%M)

Pressures:
ISIP 1017 psi
FSIP 1012 psi
IFP 27-50 psi
FFP 51-86 psi
HSH 1892-1833 psi



brown stain

LS, tan, ool, dense

LS, white, oom, fair oom porosity, brown stain, sfo, faint odor

Stark 4028.0 (-1500.0)

Sh, black carb

LS, white, gry, fxl, slightly foss, few sub oom, fair porosity, spotty brown / gry stain, tr. fo, odor, + few loose fossil fragments, white brown stain

Hushpuckney 4057.0 (-1529.0)

Sh, back carb

LS, tan, med xln, poor visible porosity, tr. poor brown stain, nsfo, no odor

Base KC 4081.0 (-1553.0)

Sh, black carb

Sh, gry/ dk gry, - black shale

LS, white, gry, foss, chalky, no shows

US Oil BKC 4108.0 (-1580.0)

Sh, maroon, gry, black

LS, white, gry, ool, chalky, poor visible porosity, no shows

Marmaton 4136.0 (-1608.0)

LS, white, tan, gry, foss, dense

LS, white, gry, ool, slightly cherty (dense) tr. browns edge stain, nsfo, or odor

LS, white, gry, cream, chalky, tr. gry/ black shale, nsfo, no odor

Pawnee 4182.0 (-1654.0)

LS, gry, tan, foss, chalky, poor visible porosity, tr. black stain, nsfo, no odor

LS, a/a, tr. tan/ gry chert

DST#2 3997-4058
30-30-45-60

1st Open:
BOB 12 mins.

2nd Open:
BOB 14 mins.

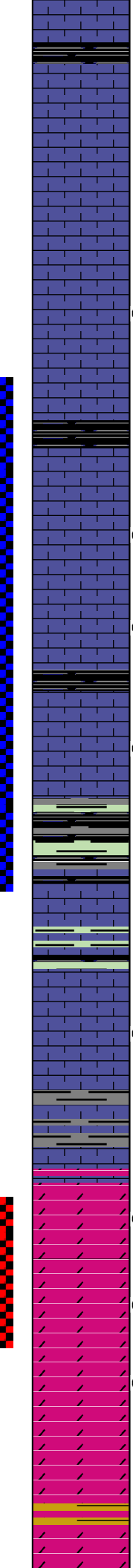
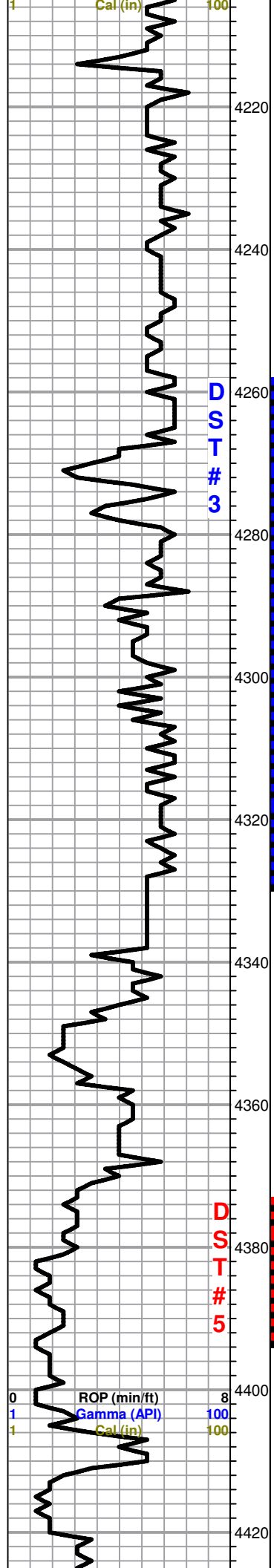
Recovery:
156' GIP
5' Clean Oil

25' Oil & Gas cut
muddy water
(5%G, 10%O, 35%
W, 50% M)

378' GCMW show
of oil
(5%G, 45%W, 50%
M)

Pressures:
ISIP 623 psi
FSIP 607 psi
IFP 35-120 psi
FFP 123-215 psi
HSH 2005-1967 psi

DST # 3 4258-4330
30-30-30-60



Shale black carb

LS, a/a, + tr-tan/ gry cherts

LS, gry, light, gry, shaley in pts, + tr. tan chert

LS, white/ gry, ool, slightly cherty, dense, tr. brown edge stain, nsfo, or odor

LS, gry, lt. gry

US Oil Ft. Scott 4267.0 (-1739.0)

Ft. Scott 4272.0 (-1744.0)

LS, tan, fxl, ool, slightly cherty, fair- vuggy porosity, brown stain, sfo, show of gas bubbles, ft. odor

LS, gry, white, fxl, few foss, chalky, tr. black stain, nsfo, no odor

Cherokee 4301.0 (-1773.0)

Sh, black carb

LS, white, cream, fxl, foss, light brown stain, nsfo

Sh, back/ coffee brown, tr. brown dense ls.

LS, maroon tinted, + tan, gry, LS, +tr. green shales

Chert, white, gry, yellow, boney/ opaque, few w/ scattered vuggy type porosity, tr. blk stain, nsfo, no odor

Chert a/a, + tr. sd, white/ dense, vfg, cal. friable, n/s

Miss 4371.0 (-1843.0)

Dol. tan, white, fxl, few suc. cherty, poor visible porosity, tr. brown stain, nsfo, no odor

Dol. tan, suc. slightly cherty, scattered vuggy porosity, brn stain, sfo, ??? odor

Dol. tan, gry, suc. fr. vuggy p.p. porosity, golden brown/ brown stain, sfo, faint odor

LS, white, foss, f- med xln (tan) chalky, poor visible porosity

Tr. mustard yellow shale, Dol. tan, gry, suc. scattered vis. porosity, nsfo

1st Open:
BOB 1.15 mins.

1st Shut in:
BOB 3.30 mins.

2nd Open:
BOB 1.45 mins.

2nd Shut In:
BOB 3 mins.

Recovery:

Gas to surface 30 mins.

1480' GCO
(10%G, 90%O)

63' GMCO
(10%G, 70%O, 20%M)

Pressures:
ISIP 1154 psi
FSIP 1079 psi
IFP 97-305 psi
FFP 303-482 psi
HSH 2173-2113 psi

DST #4 4373-4393
30-45-45-60

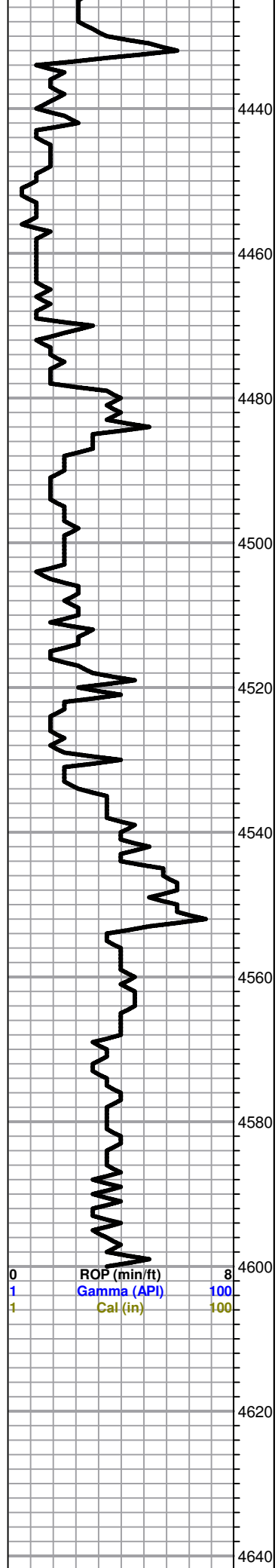
1st Open:

Surface blow to 4.75"

2nd Open:
Surface blow to 4"

Recovery:

25' Clean Oil



Dol. white/tan, fxl, suc. tr. qtz, & white cherts, tr. white chalk

Miss. Osage 4450.0 (-1922.0)

Tr. white/ gry boney chert, glauc. dol.

Chert, white/ gry, few foss, opaque + tr. white/ tran chert, & tan, / gry fxl, suc. dol .

a/a + green shales

Dol. dk brown, fxl,

Ls, tan, ool, dense

Chert, white, clear, trans/opaque, chert, + gry, tan, white, suc. dol. few glauc.

A/a

Chert & dol. a/a

Tr. brown foss ls

Gilmore City 4545.0 (-2017.0)

Slug white/ gry, trans chert

White, tan, fxl dolomitic LS

LS, tan, gry, ool, dense no shows

Poor samples

LS, tan, / gry, ool, dense

RTD 4600.0 (-2072.0)

LTD 4600.0 (-2072.0)

63' HOcm tr. water (45%O, 2% W, 53% M)

Pressures:
ISIP 1137 psi
FSIP 1071 psi
IFP 33-45 psi
FFP 49-64 psi
HSH 2244-2060 psi

0	ROP (min/ft)	8
1	Gamma (API)	100
1	Cal (in)	100

4620

4640

4660