

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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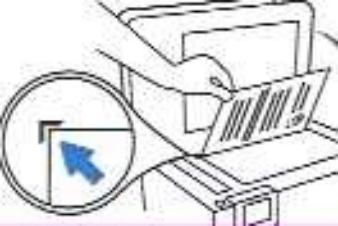
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Raney Oil Company, LLC
Well Name	JONES 1 1B
Doc ID	1640051

All Electric Logs Run

micro
DIL
sonic
Comp density



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



Cement or Acid Field Report
 Ticket No. **6121**
 Foreman David Gardner
 Camp Eureka

API # 15-035-24750

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-13-22	1375	Jones 1 #1B	31	33 S.	6 E.	Cowley	KS
Customer	Mailing Address		Safety Meeting	Unit #	Driver	Unit #	Driver
BA Energy LLC	11615 Rosewood St. Ste. 100		DG SF BW	104	Shannon		
City	State	Zip Code		114	Broker		
Leawood	KS	66211					

Job Type Surface Hole Depth 332' K.B. Slurry Vol. 52 Bbl Tubing _____
 Casing Depth 317.34' G.L. Hole Size 12 1/4" Slurry Wt. 15# Drill Pipe _____
 Casing Size & Wt. 8 3/4" 23# Cement Left in Casing 15' 4" Water Gal/SK _____ Other _____
 Displacement 20 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 210 SKS Class A Cement w/ 3% CalcZ, 2% Gel, 1/4" Floreal/SK @ 15#/gal, yield 1.39 = 52 Bbl slurry. Displace w/ 20 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 20 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	60	Mileage	4.20	252.00
C200	210 SKS	Class A Cement	17.35	3643.50
C205	590#	CalcZ 3%	.69	407.10
C206	395#	Gel 2%	.28	110.60
C209	50#	Floreal 1/4"/SK	2.66	130.00
C108 B	9.87 Tons	Ton Mileage - Built Truck	1.40	829.08
<u>Thank You</u>			Sub Total	6,212.28
			Less 5%	327.06
			Sales Tax	278.93
Authorization by <u>Sudd Gulick</u> Title <u>C46 Drlg. Tool Pusher</u>			Total	<u>6,214.15</u>

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

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



C#6
 DR19.
 Co.

Cement or Acid Field Report
 Ticket No. **6153**
 Foreman Kevin McCoy
 Camp EUREKA

API # 15-035-24750

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-20-22	1375	Jones 1 #1B	31	33S	6E	Cowley	Ks
Customer RA Energy, LLC			Safety Meeting KM SF BW SM	Unit #	Driver	Unit #	Driver
Mailing Address 11615 Rosewood St. Ste 100				104	SHANNON F.		
City Leawood				112	BROKER W.		
State KS				113	Steve M.		
Zip Code 66211							

Job Type <u>Longstring</u>	Hole Depth <u>3277' K.B.</u>	Slurry Vol. <u>14 BBL Lead 47 BBL TAIL</u>	Tubing _____
Casing Depth <u>3274.61'</u>	Hole Size <u>7 7/8"</u>	Slurry Wt. <u>13.3 - 13.8</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2" 17 #</u>	Cement Left in Casing <u>43.26' SJ</u>	Water Gal/SK _____	Other _____
Displacement <u>77.2 BBL</u>	Displacement PSI <u>1000</u>	Bump Plug to <u>1500 PSI</u>	BPM _____

Remarks: Safety Meeting: 5 1/2 17" casing set @ 3274.61'. Circulate w/ mud pump for 1 hr. Rig up to 5 1/2 casing. Break circulation w/ 8 BBL fresh water. Mixed 50 SKS 60/40 Pozmix Cement w/ 6% Gel, 2* PhenoSeal/SK @ 13.3*/GAL, yield 1.58 = 14 BBL slurry. Tail in w/ 150 SKS THICK Set Cement w/ 5* Kol-Seal/SK, 1* PhenoSeal/SK, 1/3% CFL-115 @ 13.8*/GAL, yield 1.75 = 47 BBL slurry. Wash out pump & lines. Shut down. Release Latch down Plug. Displace Plug to seat w/ 77.2 BBL fresh water (KCL in first 40 BBL) Final Pumping Pressure 1000 PSI. Bump Plug to 1500 PSI. Wait 2 mins. Release Pressure. Float & Plug Held. Good Circulation while Cementing. Job Complete. Rig down.

Plug R.H. 20 SKS M.H. 15 SK

CENTRALIZERS ON *1, 3, 5, 15, 20, 23, 25, 34 BASKETS ON TOP OF #5, 25, 34

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	60	Mileage	4.20	252.00
C 203	85 SKS	60/40 Pozmix Cement	14.75	1253.75
C 206	440 #	Gel 6%	.28*	123.20
C 208	170 #	PhenoSeal 2#/SK	1.45*	246.50
C 201	150 SKS	THICK Set Cement	22.55	3382.50
C 207	750 #	Kol-Seal 5#/SK	.52*	390.00
C 208	150 #	PhenoSeal 1#/SK	1.45*	217.50
C 211	50 #	CFL-115 1/3%	12.10*	605.00
C 691	1	5 1/2 Guide Shoe	193.00	193.00
C 674	1	5 1/2 AFU FLOAT COLLAR w/ LATCH DOWN INSERT	375.00	375.00
C 604	3	5 1/2 Cement BASKETS	260.00	780.00
C 504	8	5 1/2 x 7 7/8 CENTRALIZERS	55.00	440.00
C 421	1	5 1/2 LATCH DOWN PLUG	266.00	266.00
C 108 B	11.91 TONS	TON Mileage 60 miles	1.40	1000.44
C 222	2 1/2 GALS	KCL (IN FIRST 40 BBL DISPLACEMENT WATER)	30.00	75.00
C 781	1	5 1/2 Stop Ring	35.00	35.00
			Sub TOTAL	10,754.89
			Less 5%	565.05
			Sales Tax 6.5%	546.16
Authorization <u>Roger Martin</u> Title <u>Geo.</u>			Total	10,736.00

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

ROGER L. MARTIN
INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY RA ENERGY, LL/RAENEY OIL COMPANY, LLC	ELEVATIONS	
LEASE JONES 1 #1B	KB 1207'	GL 1198'
FIELD CABIN VALLEY	Measurements Are All From KB	
LOCATION 2262' FSL & 1724' FEL	API # 15-035-24750-00-00	
SECTION 31 TOWNSHIP 33S RANGE 06E	CASING	
COUNTY COWLEY STATE KANSAS	SURFACE 8.58" set @ 317' KB	
CONTRACTOR C&G Drilling, Rig #2	PRODUCTION 5 1/2" 1760 set @ 3274.61' KB w/50 ska 60/40 Pumps, 150 ska Thickcut	
SPUD 01/12/2022 COMP 01/20/2022		
RTD 3275' (-2068) LTD 3274' (-2067)		
ELECTRICAL SURVEYS ELLI DIL, CDJCN/PE, MEL/SON		

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
	1722' (-515)	1717' (-510)	01/12/2022- MBRU: C&G Drilling, Rig #2, SPUD
UPPER STALNAKER	1780' (-573)	1780' (-573)	12 1/2" Ann. DTD 332', Run 8.58" surface casing, set @ 317' KB.
MAIN STALNAKER	1790' (-583)	1787' (-579)	
	2157' (-956)	2162' (-955)	01/13/2022- WD Rig @ 332'
LANSING	2197' (-989)	2195' (-988)	
UPPER LAYTON SD	2200' (-992)	2207' (-999)	01/14/2022- Drilling @ 1414' @ 5:15 AM
UPPER LAYTON RESS	2328' (-1119)	2330' (-1123)	01/15/2022- CTRC for DST #1 @ 2207' @ 9:09 AM. Run DST #1.
BASSILAYTON	2330' (-1119)	2340' (-1124)	
KANSAS CITY	2408' (-1144)	2406' (-1149)	
DODDS CREEK	2437' (-1174)	2437' (-1179)	
BOBENS	2438' (-1174)	2433' (-1176)	
DENNIS	2440' (-1176)	2455' (-1248)	01/16/2022- Drilling @ 2457' @ 6:55 AM.
SWOPE	2503' (-1250)	2509' (-1242)	
HERTHA	2523' (-1275)	2527' (-1320)	01/17/2022- Drilling @ 2601' @ 6:35 AM. Run DST #2.
BASE/KANSAS CITY	2604' (-1399)	2606' (-1399)	
ALTAMONT	2620' (-1415)	2620' (-1415)	01/18/2022- TTT wbit @ 3119' @ 5:50 AM.
PAWNEE	2662' (-1455)	2666' (-1459)	01/19/2022- CTRC for E-logs @ 3170.277' @ 5:30 AM. ELL run open hole electric logs.
FORT SCOTT	2698' (-1491)	2703' (-1496)	
CHEROKEE	2737' (-1536)	2744' (-1537)	01/20/2022- Elec. Cementing & Acid Service run 5 1/2" production casing @ 3170.277'.
	2998' (-1789)	3001' (-1794)	
MISSISSIPPIAN/LS	3001' (-1794)	3020' (-1819)	
MISSISSIPPIAN/LS	3177' (-1978)	3180' (-1973)	
RTD/LTD	3274' (-2067)	3278' (-2068)	

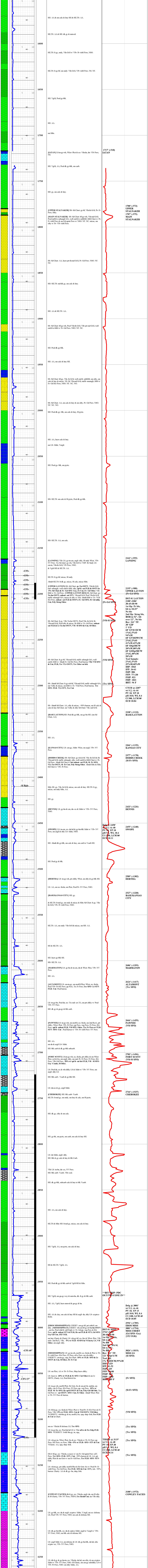
REMARKS:

Production Casing Cemented by Elec. Cementing & Acid Service, Ticket #6153, as follows:

Safety meeting @ 5:12' 17m casing set @ 3274.61'. Circulate w/ mud pump for 1 hr. Rig up to 5 1/2" casing. Break circulation w/ 8 bbls. Fresh water. Mixed 90 ska 60/40 Pumps. Cement w/ 0% lead, 2% Phenoseal & gel. L.S. micaceous. L.S. @ 1484 depth. End of L.S. @ 150 ska. Thickcut cement w/50 Kalkal ska. 1 1/2" Phenoseal ska. 1 3/4" CFI. 1 1/2" @ 1330 depth. Yield 1.75" 47 bbl slurry. Wash out pump & lines. Shut down. Seal L.S. @ 1484 depth. Dip hole to seal at 1712'. Fresh water (KCI in first 40 bbls). Final pumping pressure 1800 psi. Bump plug to 1500 psi. Wait 2 min. Release pressure. Mud and plug held. Good circulation while cementing. Rig down. PHD @ 5 1/2" casing @ 3274.61'.

Plug returns of 29 ska. Mottled w/ 15 ska.
Controls on #1, 3, 5, 15, 23, 33, 34. Buckets on top of #5, 25, 34.

Respectfully Submitted,
Roger L. Martin, Geologist



3275' (-2068)/RTD
wt 9.3, vis 48
PV 10, YP 20
pH 10.0, WL 8.4
CI 1200, LCM #4
ECD 10.14

3275' (-2068)/RTD
wt 9.3, vis 48
PV 10, YP 20
pH 10.0, WL 8.4
CI 1200, LCM #4
ECD 10.14

3275' (-2068)/RTD
wt 9.3, vis 48
PV 10, YP 20
pH 10.0, WL 8.4
CI 1200, LCM #4
ECD 10.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raney Oil Comp LLC

31-33s-6e Cowley Co., Ks

4665 Bauer Brook Ct.
Wichita, Ks 66049

Jones 1 #1B

Job Ticket: 67222

DST#: 1

ATTN: Roger Martin

Test Start: 2022.01.15 @ 11:43:59

GENERAL INFORMATION:

Formation: **Layton Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:13:59

Time Test Ended: 21:45:14

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 68

Interval: 2188.00 ft (KB) To 2206.00 ft (KB) (TVD)

Reference Elevations: 1207.00 ft (KB)

Total Depth: 2206.00 ft (KB) (TVD)

1198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8788

Inside

Press@RunDepth: 61.26 psig @ 2189.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.15

End Date:

2022.01.15

Last Calib.:

2022.01.15

Start Time: 11:44:04

End Time:

21:45:14

Time On Btm:

2022.01.15 @ 15:11:14

Time Off Btm:

2022.01.15 @ 19:22:29

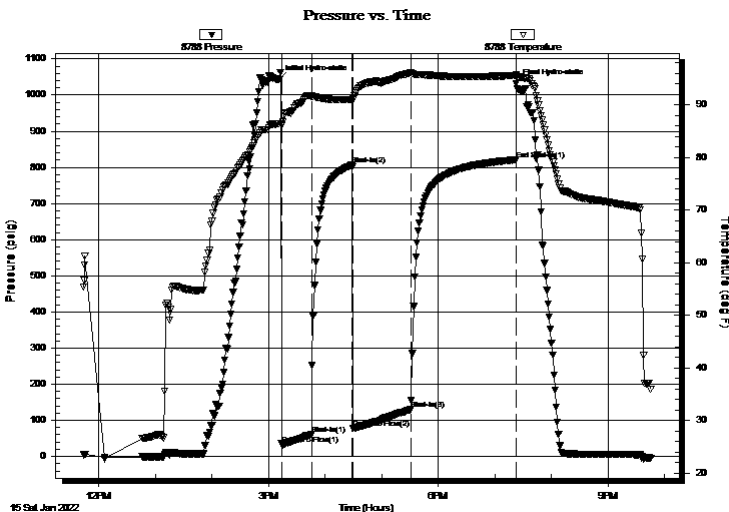
TEST COMMENT: IF: Fair Blow . Built to 10 1/4" in the Bucket. (30)

IS: No Blow . (45)

FF: Strong Blow . B.O.B. in 52 mins. Built over 12" in the Bucket. (60)

FS: No Blow . (90)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1042.82	86.34	Initial Hydro-static
3	33.83	86.20	Open To Flow (1)
35	61.26	91.63	Shut-In(1)
77	805.92	91.00	Shut-In(2)
79	77.26	90.84	Open To Flow (2)
140	130.22	96.09	Shut-In(3)
251	820.70	95.49	End Shut-In(1)
252	1031.18	95.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOSMCW 2%g 40%m 58%w	0.46
60.00	OSMCW 20%w 80%m	0.46
60.00	GVSOVCM 2%g 2%o 31%w 65%m	0.46
60.00	GVSOVM 1%g 5%o 94%m	0.46
1.00	CO 100%o	0.01
0.00	30' GIP 100%g	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raney Oil Comp LLC
 4665 Bauer Brook Ct.
 Wichita, Ks 66049
 ATTN: Roger Martin

31-33s-6e Cowley Co., Ks
Jones 1 #1B
 Job Ticket: 67222 **DST#: 1**
 Test Start: 2022.01.15 @ 11:43:59

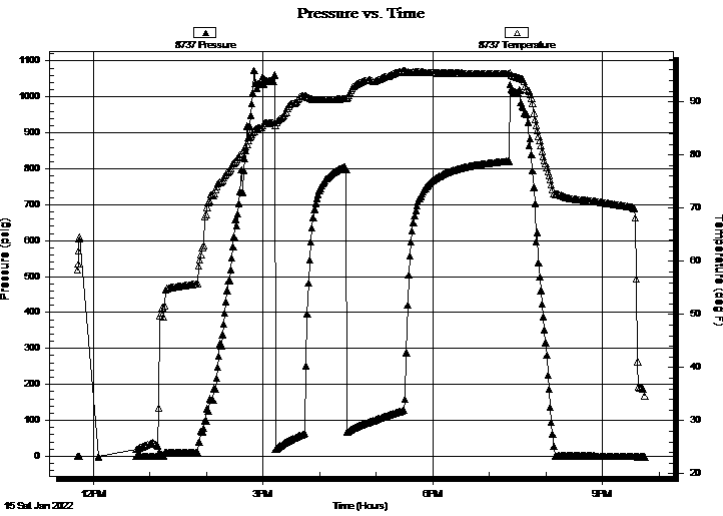
GENERAL INFORMATION:

Formation: **Layton Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:13:59 Tester: Matt Smith
 Time Test Ended: 21:45:14 Unit No: 68
 Interval: **2188.00 ft (KB) To 2206.00 ft (KB) (TVD)** Reference Elevations: 1207.00 ft (KB)
 Total Depth: 2206.00 ft (KB) (TVD) 1198.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 2189.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.01.15 End Date: 2022.01.15 Last Calib.: 2022.01.15
 Start Time: 11:43:37 End Time: 21:44:47 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Fair Blow . Built to 10 1/4" in the Bucket. (30)
 IS: No Blow . (45)
 FF: Strong Blow . B.O.B. in 52 mins. Built over 12" in the Bucket. (60)
 FS: No Blow . (90)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOSMCW 2%g 40%m 58%w	0.46
60.00	OSMCW 20%w 80%m	0.46
60.00	GVSOVCM 2%g 2%o 31%w 65%m	0.46
60.00	GVSOVCM 1%g 5%o 94%m	0.46
1.00	CO 100%o	0.01
0.00	30' GIP 100%g	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raney Oil Comp LLC

31-33s-6e Cowley Co., Ks

4665 Bauer Brook Ct.
Wichita, Ks 66049

Jones 1 #1B

Job Ticket: 67222

DST#: 1

ATTN: Roger Martin

Test Start: 2022.01.15 @ 11:43:59

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:

76000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GOSMCW 2%g 40%m 58%w	0.457
60.00	OSMCW 20%w 80%m	0.457
60.00	GVSOWCM 2%g 2%o 31%w 65%m	0.457
60.00	GVSOCM 1%g 5%o 94%m	0.457
1.00	CO 100%o	0.008
0.00	30' GIP 100%g	0.000

Total Length: 241.00 ft Total Volume: 1.836 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 30 Feet of Gas in Pipe.

RW is .26 @ 31 Degrees = 76000 Chlorides.

Tool Sample= GVSOMCW 2%g 3%o 35%m 60%w

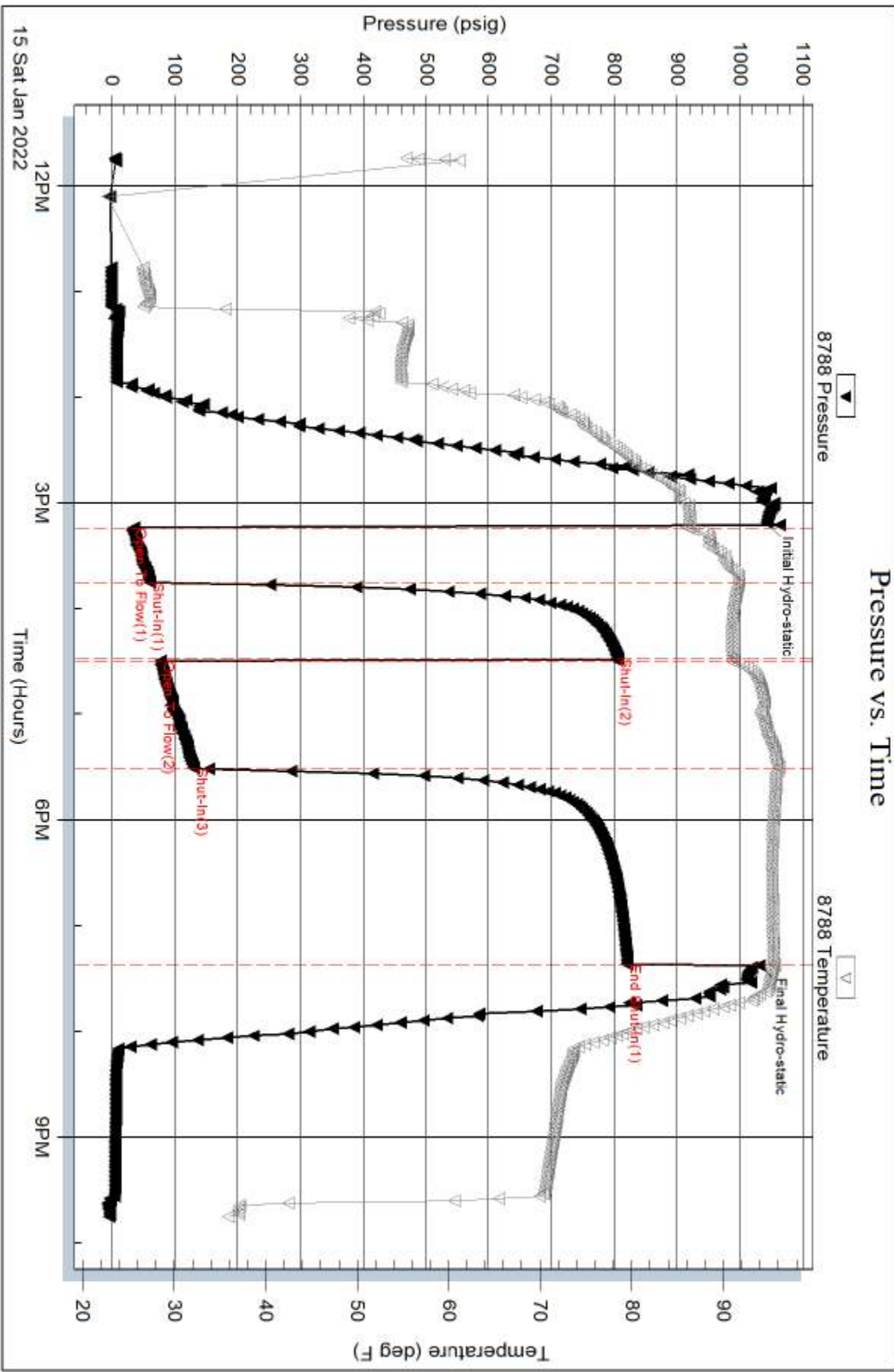
Serial #: 8788

Inside

Raney Oil Comp LLC

Jones 1 #1B

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 67222

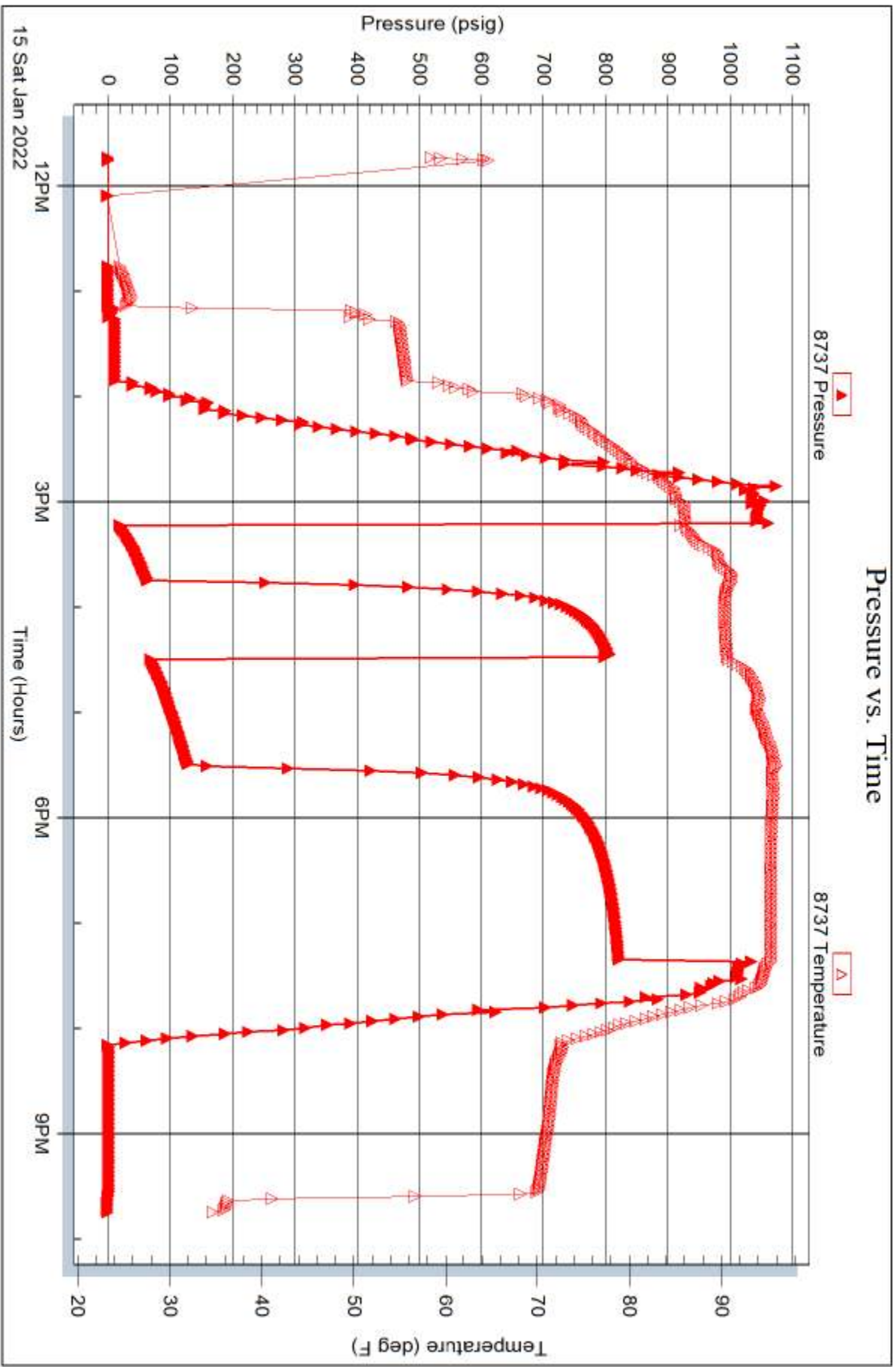
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Serial #: 8737

Outside Raney Oil Comp LLC

Jones 1 #1B

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67222

Printed: 2022.01.16 @ 08:11:28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raney Oil Comp LLC
 4665 Bauer Brook Ct.
 Wichita, Ks 66049
 ATTN: Roger Martin

31-33s-6e Cowley Co., Ks

Jones 1 #1B

Job Ticket: 67223

DST#: 2

Test Start: 2022.01.17 @ 18:40:31

GENERAL INFORMATION:

Formation: **Upper Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:48:01

Time Test Ended: 04:38:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 2724.00 ft (KB) To 3120.00 ft (KB) (TVD)

Reference Elevations: 1207.00 ft (KB)

Total Depth: 3120.00 ft (KB) (TVD)

1198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8788

Inside

Press@RunDepth: 79.83 psig @ 2725.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.17 End Date: 2022.01.18

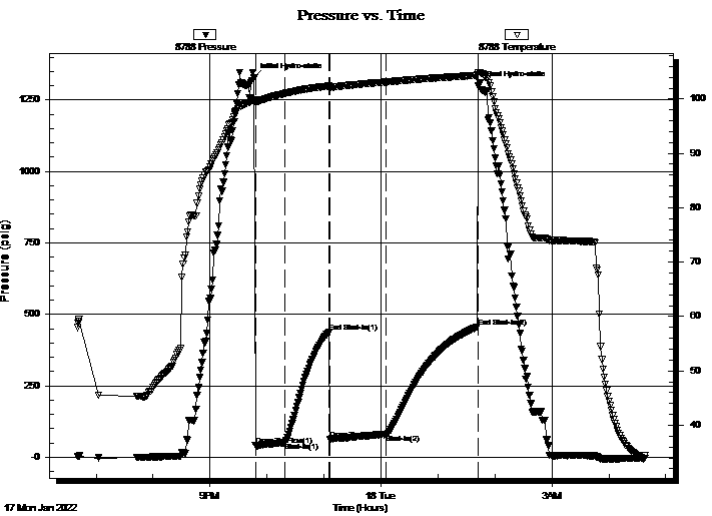
Last Calib.: 2022.01.18

Start Time: 18:40:36 End Time: 04:38:16

Time On Btm: 2022.01.17 @ 21:46:31

Time Off Btm: 2022.01.18 @ 01:42:46

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1329.22	99.80	Initial Hydro-static
2	41.07	99.54	Open To Flow (1)
33	51.80	101.02	Shut-In(1)
79	439.18	102.40	End Shut-In(1)
80	63.92	102.23	Open To Flow (2)
139	79.83	103.12	Shut-In(2)
236	456.54	104.38	End Shut-In(2)
237	1299.66	104.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	OSM 100%m	0.92
0.00	Tool Sample VSOCM 1%o 99%m	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raney Oil Comp LLC
 4665 Bauer Brook Ct.
 Wichita, Ks 66049
 ATTN: Roger Martin

31-33s-6e Cowley Co., Ks
Jones 1 #1B
 Job Ticket: 67223 **DST#: 2**
 Test Start: 2022.01.17 @ 18:40:31

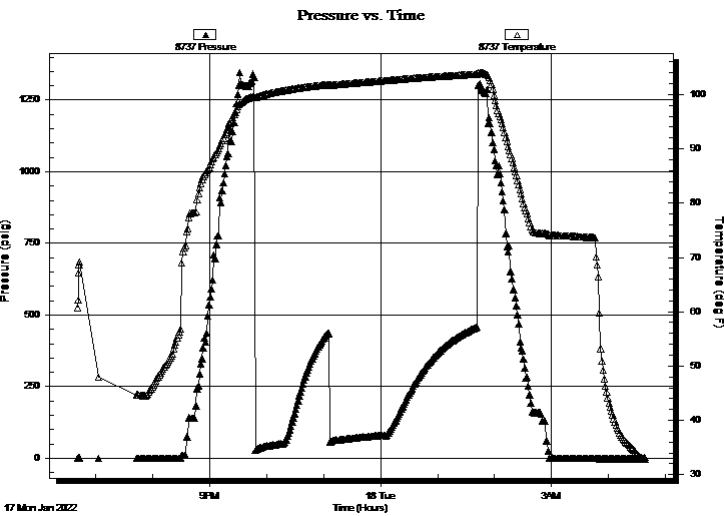
GENERAL INFORMATION:

Formation: **Upper Miss**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:48:01 Tester: Matt Smith
 Time Test Ended: 04:38:16 Unit No: 68
Interval: 2724.00 ft (KB) To 3120.00 ft (KB) (TVD) Reference Elevations: 1207.00 ft (KB)
 Total Depth: 3120.00 ft (KB) (TVD) 1198.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 2725.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.01.17 End Date: 2022.01.18 Last Calib.: 2022.01.18
 Start Time: 18:40:53 End Time: 04:38:33 Time On Btm:
 Time Off Btm:

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



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
121.00	OSM 100% _m	0.92
0.00	Tool Sample VSOCM 1% _o 99% _m	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raney Oil Comp LLC

31-33s-6e Cowley Co., Ks

4665 Bauer Brook Ct.
Wichita, Ks 66049

Jones 1 #1B

Job Ticket: 67223

DST#: 2

ATTN: Roger Martin

Test Start: 2022.01.17 @ 18:40:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

1100 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	OSM 100% _m	0.922
0.00	Tool Sample VSOCM 1% _o 99% _m	0.000

Total Length: 121.00 ft Total Volume: 0.922 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

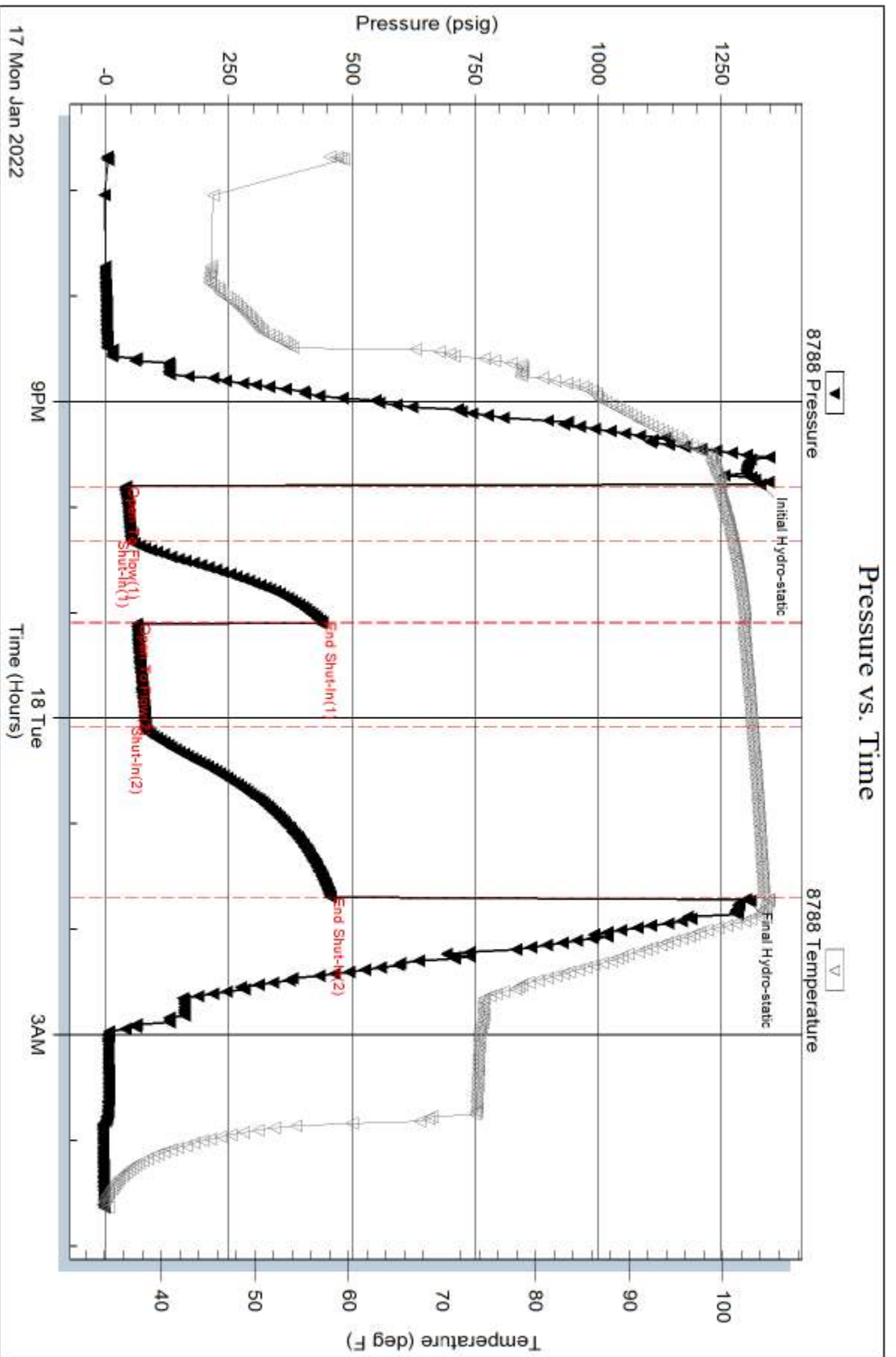
Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: Tool Sample VSOCM 1%_o 99%_m

Pressure vs. Time



Serial #: 8737

Outside Raney Oil Comp LLC

Jones 1 #1B

DST Test Number: 2

