

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)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Union Valley Petroleum Corp.

sec 17 35s 3w

5302 N US HWY 81
Enid, Ok. 73701

Harper 1-17

Job Ticket: 67606

DST#: 1

ATTN: Dustin Johnson

Test Start: 2022.01.25 @ 19:31:13

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:42:53
 Tester: Eric Burgess
 Time Test Ended: 04:05:13
 Unit No: 80
 Interval: **4420.00 ft (KB) To 4461.00 ft (KB) (TVD)**
 Reference Elevations: 1152.00 ft (KB)
 Total Depth: 4461.00 ft (KB) (TVD)
 1139.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 13.00 ft

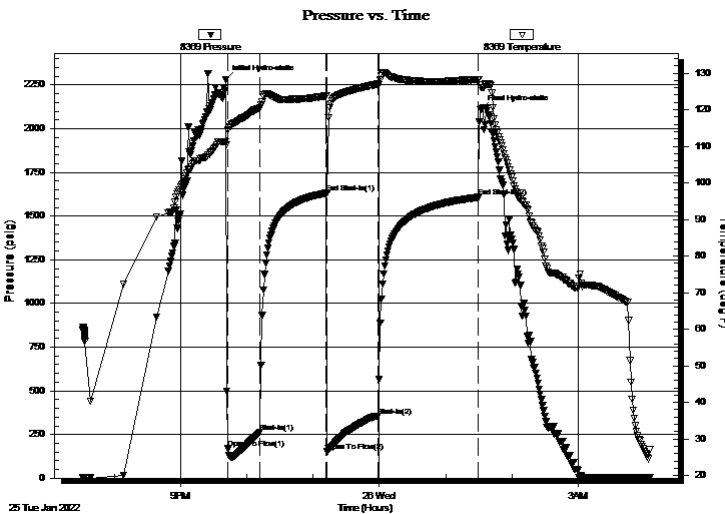
Serial #: 8369

Inside

Press@RunDepth: 353.38 psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.01.25 End Date: 2022.01.26 Last Calib.: 1899.12.30
 Start Time: 19:31:14 End Time: 04:05:13 Time On Btm: 2022.01.25 @ 21:40:53
 Time Off Btm: 2022.01.26 @ 01:31:52

TEST COMMENT: IF: Built 800+" in 5 min sw itched to high sen. (30)
 IS: 1.87 psi. (60)
 FF 94.88 psi gauged gas (45)
 FS: 18.77psi (90)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.55	111.26	Initial Hydro-static
2	168.38	114.54	Open To Flow (1)
31	262.67	120.40	Shut-In(1)
91	1631.50	123.80	End Shut-In(1)
92	151.13	97.37	Open To Flow (2)
138	353.38	127.02	Shut-In(2)
229	1607.60	128.25	End Shut-In(2)
231	2110.84	126.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	W 100%W	2.65
63.00	GOMCW 5%M 20%W 20%O 55%G	0.88
63.00	GOMCW 5%M 20%W 25%O 50%G	0.88
63.00	GV SOMCW 10%M 20%W 15%O 55%G	0.88
63.00	GV SOWCM 30%M 25%W 10%O 35%G	0.88
31.50	GV SOWCM 80%M 5%W 5%O 10%G	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	54.19	108.81
Last Gas Rate	0.25	94.88	173.36
Max. Gas Rate	0.25	94.88	173.36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Union Valley Petroleum Corp.

sec 17 35s 3w

5302 N US HWY 81
Enid, Ok. 73701

Harper 1-17

Job Ticket: 67606

DST#: 1

ATTN: Dustin Johnson

Test Start: 2022.01.25 @ 19:31:13

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:53

Time Test Ended: 04:05:13

Test Type: Conventional Bottom Hole (Initial)

Tester: Eric Burgess

Unit No: 80

Interval: 4420.00 ft (KB) To 4461.00 ft (KB) (TVD)

Reference Elevations: 1152.00 ft (KB)

Total Depth: 4461.00 ft (KB) (TVD)

1139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8846 Outside

Press@RunDepth: psig @ 4421.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.25

End Date:

2022.01.26

Last Calib.:

1899.12.30

Start Time: 19:31:48

End Time:

04:05:57

Time On Btm:

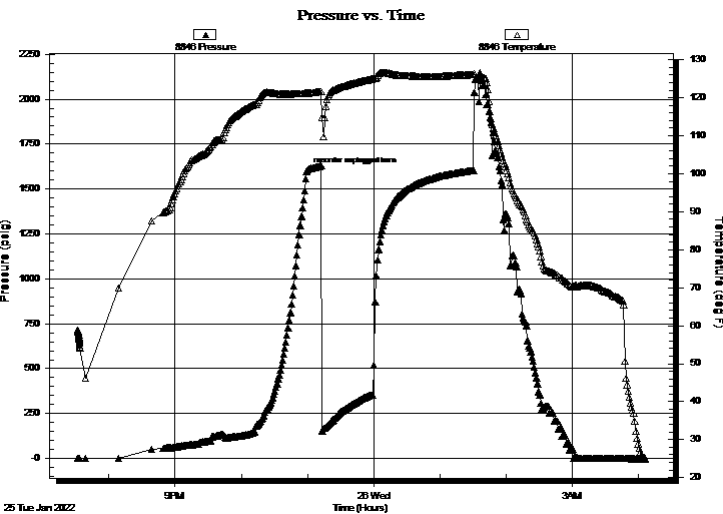
Time Off Btm:

TEST COMMENT: IF: Built 800+" in 5 min switched to high sen. (30)

IS: 1.87 psi. (60)

FF 94.88 psi gauged gas (45)

FS: 18.77psi (90)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.77	121.22	recorder unplugged here

Recovery

Length (ft)	Description	Volume (bbl)
189.00	W 100%W	2.65
63.00	GOMCW 5%M 20%W 20%O 55%G	0.88
63.00	GOMCW 5%M 20%W 25%O 50%G	0.88
63.00	GV SOMCW 10%M 20%W 15%O 55%G	0.88
63.00	GV SOWCM 30%M 25%W 10%O 35%G	0.88
31.50	GV SOWCM 80%M 5%W 5%O 10%G	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	54.19	108.81
Last Gas Rate	0.25	94.88	173.36
Max. Gas Rate	0.25	94.88	173.36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Union Valley Petroleum Corp.

sec 17 35s 3w

5302 N US HWY 81
Enid, Ok. 73701

Harper 1-17

Job Ticket: 67606

DST#: 1

ATTN: Dustin Johnson

Test Start: 2022.01.25 @ 19:31:13

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:

22000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	W 100%W	2.651
63.00	GOMCW 5%M 20%W 20%O 55%G	0.884
63.00	GOMCW 5%M 20%W 25%O 50%G	0.884
63.00	GVSOMCW 10%M 20%W 15%O 55%G	0.884
63.00	GVSOWCM 30%M 25%W 10%O 35%G	0.884
31.50	GVSOWCM 80%M 5%W 5%O 10%G	0.442

Total Length: 472.50 ft

Total Volume: 6.629 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: P15

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Union Valley Petroleum Corp.

sec 17 35s 3w

5302 N US HWY 81
Enid, Ok. 73701

Harper 1-17

Job Ticket: 67606

DST#: 1

ATTN: Dustin Johnson

Test Start: 2022.01.25 @ 19:31:13

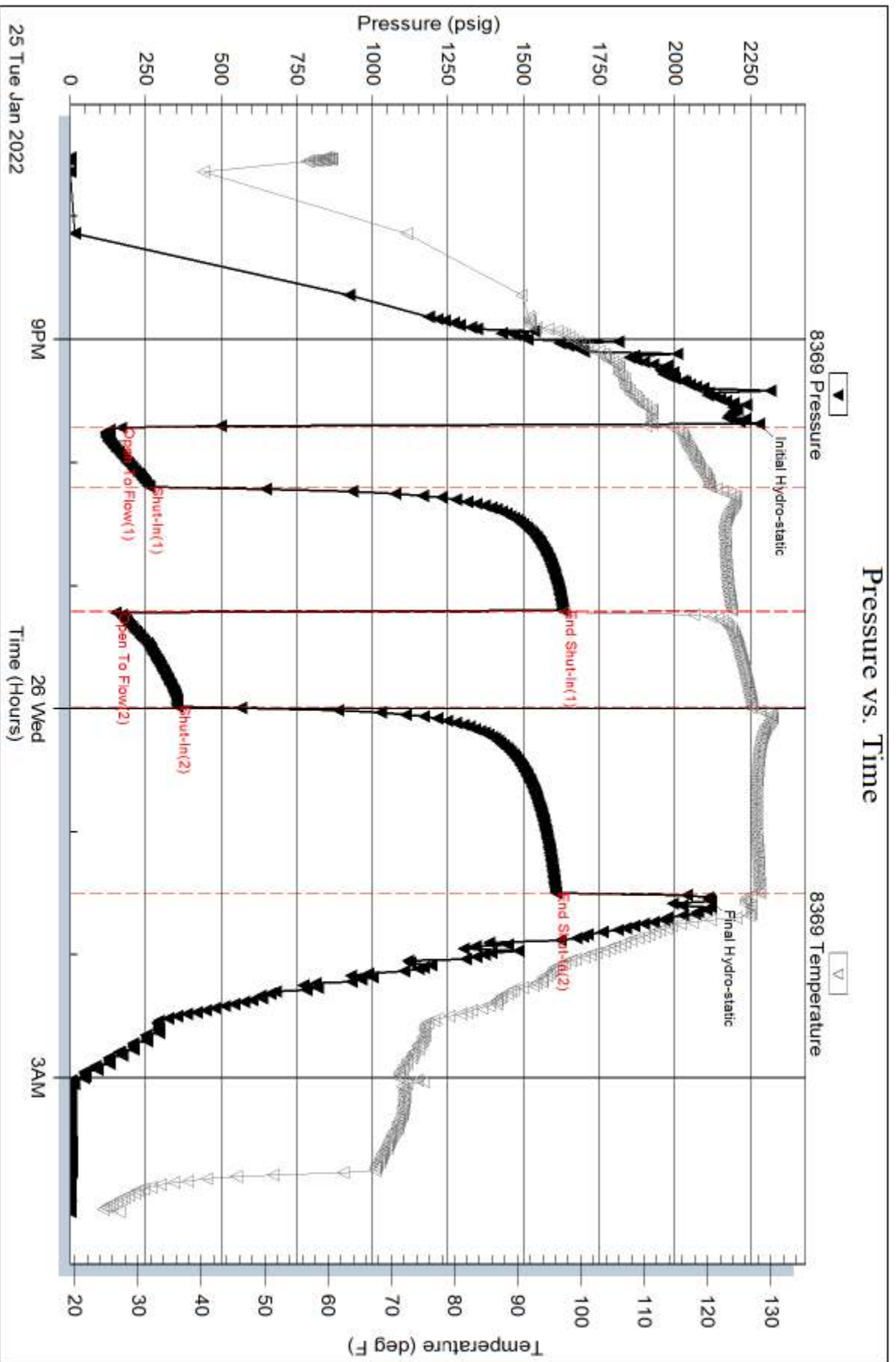
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
45	10	0.25	54.19	108.81
45	20	0.25	73.08	138.78
45	30	0.25	86.34	159.81
45	40	0.25	94.72	173.11
45	45	0.25	94.88	173.36

Pressure vs. Time

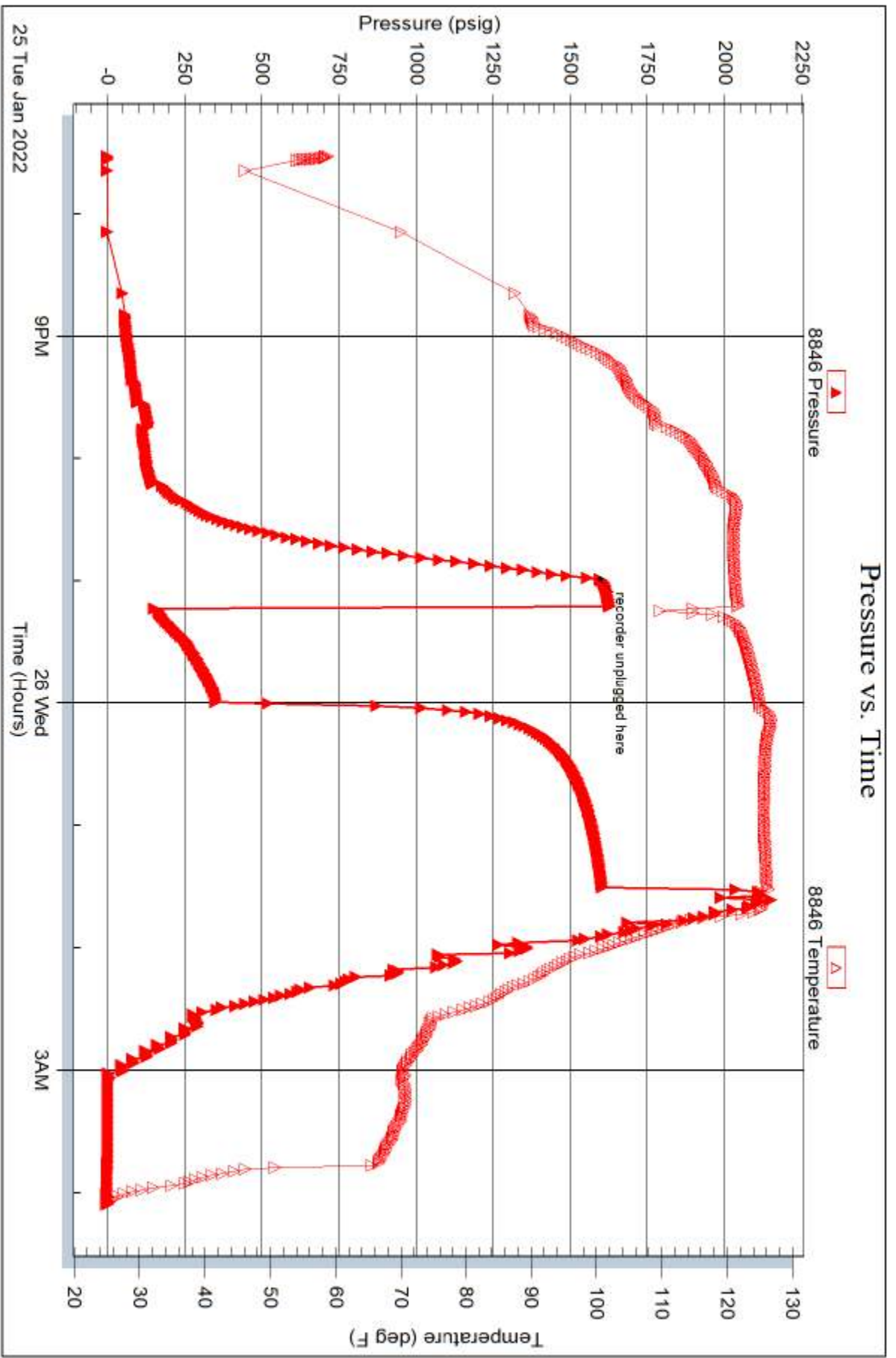


Serial #: 8846

Outside Union Valley Petroleum Corp.

Harper 1-17

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67606

Printed: 2022.01.26 @ 07:14:53

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

ELITE
 CEMENTING & ACID SERVICE, LLC



Date	Invoice #
1/24/2022	6181

Bill To	
Union Valley Petroleum Corp. 5302 N. US Hwy 81 Enid, OK 73701	
Customer ID#	1341

71130 - Surface
 Cement

Job Date	1/21/2022
Lease Information	
Harper #1-17	
County	Sumner
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	890.00	890.00
C107	Pump Truck Mileage (one way)	110	4.20	462.00
C200	Class A Cement-94# sack	275	17.35	4,771.25T
C205	Calcium Chloride	775	0.69	534.75T
C206	Gel Bentonite	515	0.28	144.20T
C209	Flo-Seal	75	2.60	195.00T
C108B	Ton Mileage-per mile (one way)	1,421.2	1.40	1,989.68
C413	8 5/8" Wooden Plug	1	92.00	92.00T
C506	8 5/8" Centralizer	1	75.00	75.00T
D101	Discount on Services		-167.08	-167.08
D102	Discount on Materials		-290.62	-290.62T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$8,696.18
Sales Tax (7.5%)	\$414.12
Total	\$9,110.30
Payments/Credits	\$0.00
Balance Due	\$9,110.30

ENTERED
 2-14-22

PAID
 10/97

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



Cement or Acid Field Report
 Ticket No. **6181**
 Foreman David Gardner
 Camp Eureka

API# 15-191-22839

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-21-22	1341	Harper #1-17	17	35 S.	3 W.	Sumner	KS
Customer <u>Union Valley Petroleum Corporation</u>			Unit #	Driver	Unit #	Driver	
Mailing Address <u>5302 N. 45 Hwy 81</u>			105	Jason			
City <u>Enid</u>			114	Braker			
State <u>OK</u>		Zip Code <u>73701</u>					

Job Type Surface Hole Depth 400' K.B. Slurry Vol. 67 Bbl Tubing _____
 Casing Depth 394.51' K.B. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" 24" Cement Left in Casing 30' +/- Water Gal/SK _____ Other _____
 Displacement 2 3/4 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 15 Bbl fresh water. Mixed 275 SKS Class A Cement w/ 3% fast, 2% Gel, 1/4" Floeal/sk @ 15"/gal, yield 1.36 = 67 Bbl Slurry. Shut down. Release plug. Displace w/ 2 3/4 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 22 Bbl slurry to pit. Job complete. Rig down.

Centralizer on Top of #1

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	110	Mileage	4.20	462.00
C200	275 SKS	Class A Cement	17.35	4771.25
C205	775#	Fast 3%	.69	534.75
C206	515#	Gel 2%	.28	144.20
C209	75#	Floeal 1/4"/sk	2.60	195.00
C1088	12.92 Tons	Ton Mileage - Bulk Truck	1.40	1989.68
C413	1	8 5/8" Wooden Plug	92.00	92.00
C506	1	8 5/8" x 12 1/4" Centralizer	75.00	75.00
<u>Thank You</u>			Sub Total	9,153.88
			Less 5%	479.49
			Sales Tax	435.91
Authorization <u>[Signature]</u> Title _____			7.5%	Total
				9,110.30

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.

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
1/31/2022	6197

Bill To	
Union Valley Petroleum Corp. 5302 N. US Hwy 81 Enid, OK 73701	
Customer ID#	1341

71418 - Cement
 Prod
 CSG

Job Date	1/29/2022
Lease Information	
Harper #1-17	
County	Sumner
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C102	Cement Pump-Longstring	1	1,500.00	1,500.00
C107	Pump Truck Mileage (one way)	110	4.20	462.00
C201	Thick Set Cement	170	22.55	3,833.50T
C207	KolSeal	850	0.52	442.00T
C208	Pheno Seal	170	1.45	246.50T
C211	CFL-115	40	12.10	484.00T
C108B	Ton Mileage-per mile (one way)	1,028.5	1.40	1,439.90
C691	5 1/2" Guide Shoe	1	193.00	193.00T
C674	5 1/2" AFU Float Collar	1	395.00	395.00T
C421	5 1/2" Latch Down Plug	1	266.00	266.00T
C511	5 1/2" Turbo Centralizer	10	73.00	730.00T
C604	5 1/2" Cement Basket	1	260.00	260.00T
D101	Discount on Services		-170.09	-170.09
D102	Discount on Materials		-342.50	-342.50T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	reno@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$9,739.31
Sales Tax (7.5%)	\$488.06
Total	\$10,227.37
Payments/Credits	\$0.00
Balance Due	\$10,227.37

PAID
 10197
 2-15-22

ENTERED
 2-14-22

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



Cement or Acid Field Report
 Ticket No. **6197**
 Foreman David Gardner
 Camp Eureka

API # 15-191-22859

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-29-22	1341	Harper #1-17	17	35 S.	3 W.	Sumner	KS
Customer			Unit #	Driver	Unit #	Driver	
Union Valley Petroleum Corporation			105	Jason			
Mailing Address			114	Broker			
5302 N. US Hwy 81							
City	State	Zip Code					
Enid	OK	73701					

Job Type Longstring Hole Depth 4975' K.B. Slurry Vol. 46 Bbl Tubing _____
 Casing Depth 4977.47' = 4' Above K.B. Hole Size 7 7/8" Slurry Wt. 13.8# Drill Pipe _____
 Casing Size & Wt. 5 1/2 17# + 15.50# Cement Left in Casing 37.70' S.S. Water Gal/SK 9.0 Other _____
 Displacement 117 1/2 Bbl Displacement PSI 1000 Bump Plug to 1000 PSI BPM 5

Remarks: Safety Meeting: 5 1/2" 17# + 15.50# casing set @ 4977.47' = 4' Above K.B. w/ 5 1/2" AFU Float Collar on top of Joint #1. Rig broke circulation + circulated for 1 HR. Rig up to 5 1/2" casing. Break circulation w/ 15 Bbl fresh water. Mixed 140 SKS Thick Set Cement w/ 5# Kalseal/SK, 1# Phenoseal/SK, 1/4% CFL-115 @ 13.8 gal, yield 1.85 = 46 Bbl slurry. Wash out pump + lines. Shut down. Release 5 1/2" Latch Down Plug. Displace plug to seat w/ 117 1/2 Bbl fresh water. Final pumping pressure of 1000 PSI. Bump plug to 1000 PSI. Wait 2 mins. Release pressure. Float + Plug held good. Good circulation @ all times while cementing. Job complete. Rig down.

Plug Rat hole w/ 15 SKS + Mouse hole w/ 15 SKS
Centralizers on #1, 2, 3, 5, 7, 9, 11, 13, 15, 19 Basket on #17

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1500.00	1500.00
C107	110	Mileage	4.20	462.00
C201	170 SKS	Thick Set Cement	22.55	3833.50
C207	850#	Kalseal 5#/SK	.52	442.00
C208	170#	Phenoseal 1#/SK	1.45	246.50
C211	40#	CFL-115 1/4%	12.10	484.00
C1088	9.35 Tons	Ton Mileage - Bulk Truck	1.40	1439.90
C1091	1	5 1/2" Guide Shoes	193.00	193.00
C1074	1	5 1/2" AFU Float Collar	395.00	395.00
C421	1	5 1/2" Latch Down Plug	216.00	216.00
C511	10	5 1/2" x 7 7/8" Turbo Centralizers	73.00	730.00
C1004	1	5 1/2" Cement Basket	260.00	260.00
<u>Thank you</u>			Sub Total	10,251.90
			Less 5%	538.28
			7.5% Sales Tax	513.75
Authorization <u>[Signature]</u> Title _____			Total	10,227.37

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.