KOLAR Document ID: 1711292

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 #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Ecodition of hald disposal in riddied choice.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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 Approved by: Date:				

KOLAR Document ID: 1711292

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS	S. R	Eas	t West	County:					
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests (Attach Addit	Taken tional Sheets)			Yes No		☐ Lo		n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	S		Yes No Yes No Yes No						
			Rep	CASING	RECORD [New		on, etc.		
Purpose of St	tring	Size Hole Drilled		ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>	
Purpose: Perforate		Depth Top Bottom	Тур	e of Cement	# Sacks Use	ed		Type and	Percent Additives	
Protect Ca										
Plug Off Z										
Did you perform Does the volume Was the hydraul	e of the total I	base fluid of the	hydraulic f	racturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>		
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			ON INTERVAL:
Vented		Used on Lease		Open Hole		Dually (Submit A		nmingled	Тор	Bottom
,	ed, Submit AC							·		
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	ize:	Set At	:	Packer At:					

Form	ACO1 - Well Completion
Operator	Arcadian Resources, LLC
Well Name	FISHER UNIT 35-1
Doc ID	1711292

All Electric Logs Run

Compensated Density/Neutron Log
Dual Induction Log
Micro Log
Sonic Log
Bond Log

Form	ACO1 - Well Completion
Operator	Arcadian Resources, LLC
Well Name	FISHER UNIT 35-1
Doc ID	1711292

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	261	Common	205	3% cc
Production	7.875	5.5	15.5	4815	H-Con/H- LD	560	0



DRILL STEM TEST REPORT

Arcadian Resources LLC

35/5s/37w Cheyenne KS

313 E Kansas St Glen Elder, KS 67446 Fisher Unit #35-1

Job Ticket: 68838

Test Start: 2022.12.14 @ 02:03:00

ATTN: Sean Deenihan

GENERAL INFORMATION:

Formation: LKC "J"

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

Time Tool Opened: 06:00:21 Time Test Ended: 12:01:20

Interval:

4344.00 ft (KB) To 4410.00 ft (KB) (TVD)

Total Depth: 4410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3314.00 ft (KB)

James Winder

73

3309.00 ft (CF)

DST#: 1

KB to GR/CF: 5.00 ft

Serial #: 6771 Inside

 Press@RunDepth:
 265.06 psig @ 4345.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2022.12.14
 End Date:
 2022.12.14
 Last Calib.:
 2022.12.14

Start Time: 02:03:00 End Time: 12:01:20 Time On Btm: 2022.12.14 @ 06:00:06

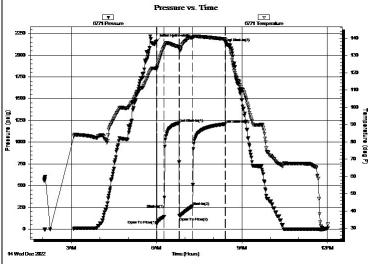
Time Off Btm:

Tester:

Unit No:

TEST COMMENT: 15 - IF: Blow built to BOB (11") at 5 min., (Diesel in bucket) built to 23" in H2O

30 - ISI: Blow back built to 4 1/4"
30 - FF: Blow built to BOB at 5 1/2 min.
60 - FSI: Blow back built to 9 1/2"



	PRESSURE SUIVIIVIARY							
Ī	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2158.11	122.87	Initial Hydro-static				
	1	59.49	122.41	Open To Flow (1)				
	16	144.57	134.92	Shut-In(1)				
	48	1218.21	134.95	End Shut-In(1)				
	48	155.33	134.40	Open To Flow (2)				
	76	265.06	140.36	Shut-In(2)				
(de 6	144	1207.27	139.42	End Shut-In(2)				
9	145	2150.16	137.53	End Shut-In(3)				

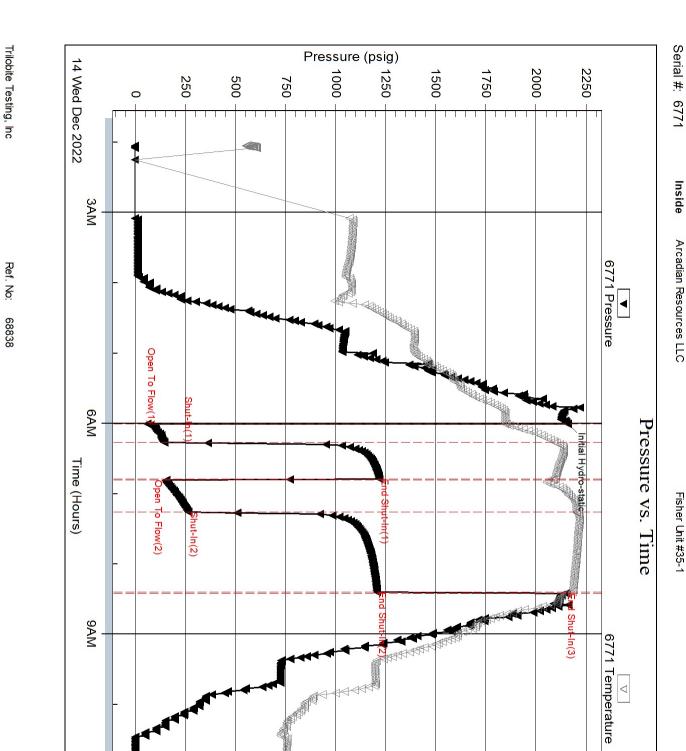
DRESSLIRE SLIMMARY

Recovery

Length (ft)	Description	Volume (bbl)
58.00	GMCO 57%o, 25%g, 18%m	0.29
58.00	SMCO 96%o, 4%m	0.29
504.00	GMCO 58%o, 26%g, 16%m	7.07
20.00	SMCO 85%o, 10%m, 5%g	0.28
0.00	GIP = 615'	0.00

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

Trilobite Testing, Inc Ref. No: 68838 Printed: 2022.12.14 @ 12:35:01



DST Test Number: 1

12PM

Temperature (deg F)



DRILL STEM TEST REPORT

Arcadian Resources LLC

313 E Kansas St

ATTN: Sean Deenihan

Glen Elder, KS 67446

35/5s/37w Cheyenne KS

Fisher Unit #35-1

Job Ticket: 68839 **DST#:2**

Test Start: 2022.12.15 @ 09:30:00

GENERAL INFORMATION:

Formation: Paw nee

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:04:06 Time Test Ended: 19:41:50

Interval: 4548.00 ft (KB) To 4620.00 ft (KB) (TVD)

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

James Winder 73

Unit No: 73

Reference Elevations:

Tester:

3314.00 ft (KB)

3309.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771 Inside

Press@RunDepth: 710.07 psig @ 4549.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2022.12.15
 End Date:
 2022.12.15
 Last Calib.:
 2022.12.15

 Start Time:
 09:30:00
 End Time:
 19:41:50
 Time On Btm:
 2022.12.15 @ 13:03:21

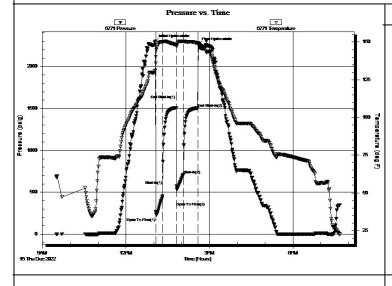
 Time Off Btm:
 2022.12.15 @ 14:35:51

TEST COMMENT: 15 - IF: Blow built to BOB (11" Diesel) at 1 min., built to 75" H2O

30 - ISI: Weak surface blow back

15 - FF: Blow built to BOB at 1 min. +, built to 54" in H2O

30 - FSI: No blow back



PRESSURE SUMMARY ressure | Temp | Annotation

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2297.87	131.20	Initial Hydro-static
1	271.21	135.89	Open To Flow (1)
16	453.22	150.15	Shut-In(1)
45	1508.39	148.20	End Shut-In(1)
46	572.01	147.42	Open To Flow (2)
61	710.07	150.45	Shut-In(2)
92	1505.74	149.39	End Shut-In(2)
93	2259.60	149.03	Final Hydro-static

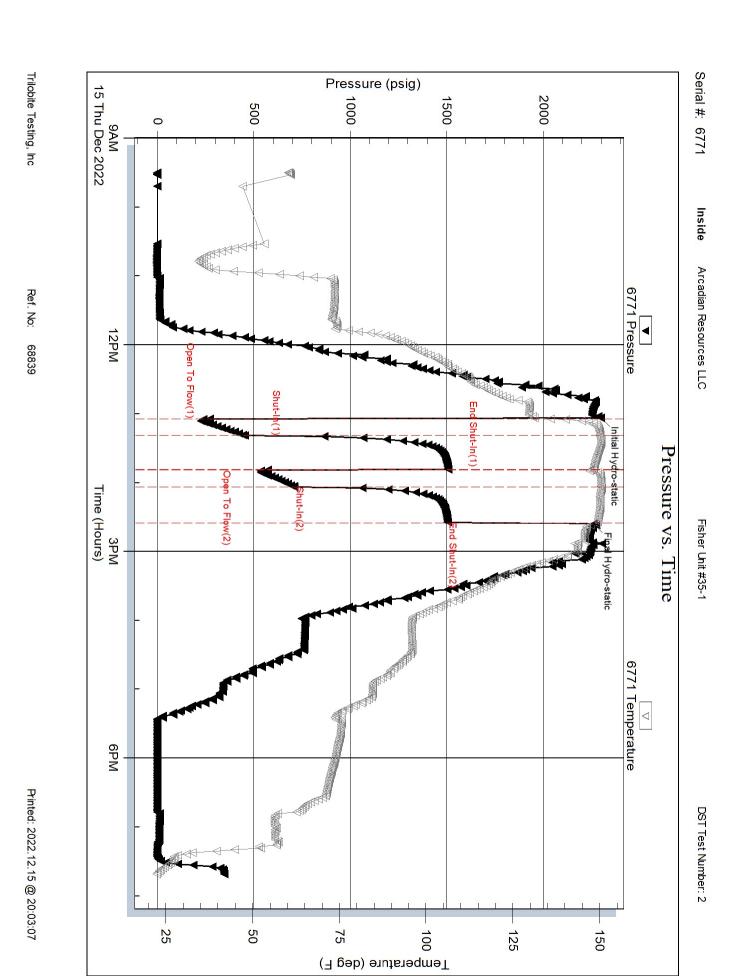
Recovery

Length (ft)	Description	Volume (bbl)				
1137.00	Water w /trace oil 98%w , 2%m	14.89				
375.00	MW w /oil spots 48%w , 47%m, 4%g, 19	6c5.26				
10.00	OWM 43%m, 32%w, 23%o, 2%g	0.14				
5.00	GO 86%o, 12%g, 2%m	0.07				
0.00	GIP = 50'	0.00				
* Recovery from mult	* Recovery from multiple tests					

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 68839 Printed: 2022.12.15 @ 20:03:07





DRILL STEM TEST REPORT

Arcadian Resources LLC

Fisher Unit #35-1

313 E Kansas St Glen Elder, KS 67446

Job Ticket: 68840

35/5s/37w Cheyenne KS

Test Start: 2022.12.16 @ 12:28:00

DST#: 3

ATTN: Sean Deenihan

GENERAL INFORMATION:

Formation: Cherokee

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 15:42:21

Tester: James Winder
Time Test Ended: 22:37:05

Unit No: 73

Interval: 4654.00 ft (KB) To 4715.00 ft (KB) (TVD) Reference Elevations: 3314.00 ft (KB)

Total Depth: 4715.00 ft (KB) (TVD) 3309.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6771 Inside

Press@RunDepth: 199.37 psig @ 4655.00 ft (KB) Capacity: 8000.00 psig

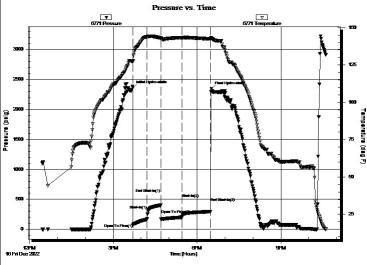
 Start Date:
 2022.12.16
 End Date:
 2022.12.16
 Last Calib.:
 2022.12.16
 2022.12.16

 Start Time:
 12:28:00
 End Time:
 22:37:05
 Time On Btm:
 2022.12.16 @ 15:42:06

 Time Off Btm:
 2022.12.16 @ 18:31:06

TEST COMMENT: 30 - IF: Blow built to BOB (11" Diesel) at 3 1/2 min., built to 33" H2O

30 - ISI: Blow back built to BOB at 20 min. 45 - FF: Blow built to BOB at 14 min. 60 - FSI: Blow back built to 3"



	PRESSURE SUMMARY								
Ī	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
	0	2361.03	127.32	Initial Hydro-static					
	1	63.81	126.98	Open To Flow (1)					
	31	163.80	143.76	Shut-In(1)					
,	60	400.92	142.98	End Shut-In(1)					
3	61	168.23	142.87	Open To Flow (2)					
	106	199.37	143.17	Shut-In(2)					
,	167	296.65	142.51	End Shut-In(2)					
9	169	2339.78	142.79	Final Hydro-static					

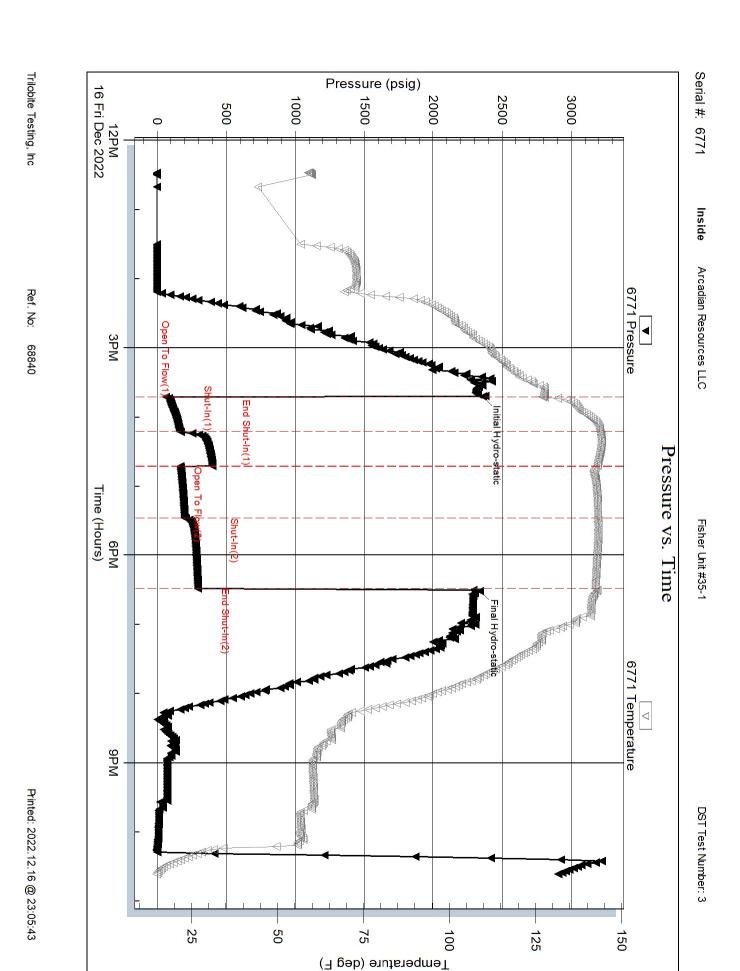
DDESCLIDE SLIMMADV

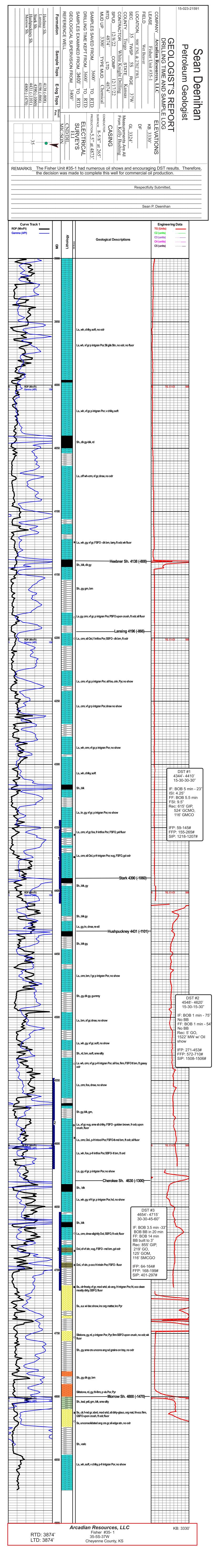
Recovery

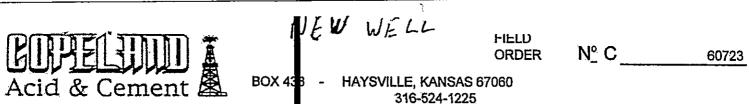
Length (ft)	Description	Volume (bbl)
116.00	SMCGO 69%o, 25%g, 6%m	0.57
125.00	GOM 50%m, 40%o, 10%g	1.75
219.00	CGO 71%o, 29%g	3.07
0.00	GIP = 855'	0.00
* Recovery from mult	tiple teete	

Gas Rat	es	
Choke (inches)	Proceure (peig)	Gas Pate (Mof/d)

Trilobite Testing, Inc Ref. No: 68840 Printed: 2022.12.16 @ 23:05:43







			i	316-524-1225		
					DATE	9-Dec 20 22
IS AUTHORIZE	ED BY: ARG	CADIAN RESOURCES LL	COLAN	ME OF CUSTOMER)		
Address 1302	OI IVE STRE	:cT		CONCORDIA	State	VP 66004
			City	CONCORDIA	State	KS 66901
TO TREAT WE AS FOLLOWS		HER	Well	No. <u>35-1</u>	_Customer Order No.	
Sec. Twp. Range			Cou	nty CHEYENNE	State	KS:
CONDITIONS: As a pa be held liable for any d implied, and no represe	lamage that may acc entations have been	on hereof it is agreed that Copeland Aci rue in connection with said service or tr relied on, as to what may be the results unt allowed subsequent to such date. G	is to service or treat at own atment. Copeland Acid Servicing or	ners risk, the hereinbefore mention vice has made no representation treating said well. The considera	ned well and is not to , expressed or tion of said service or	
our invoicing departme	nt in accordance with	r latest published price schedules. Imself to be duly authorized to sign				
BEFORE WORK IS	COMMENCED				_ Ву	
2005	cit è a à seriem e	V	ell Owner or Operator		UNIT	Agent
CODE	QUANTITY		DESCRIPTIO	N	COST	AMOUNT
20.0001	180	Mileage P.U.			\$4.00	\$720.00
20.0002	180	Mileage P.T.			\$6.00	\$1,080.00
20.0005	1	Pump Charge Surface			\$1,250.00	\$1,250.00
20.1001	205	Common Cement Sack			\$16.75	\$3,433.75
20.1012	15	Calcium Chloride per 5	lb		\$42.00	\$630.00
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			<u> </u>			
		<u>.</u>				
20.0011	200	Dulle Change			04.05	
	220	<u> </u>			\$1.25	\$275.00
20.0012	900.9			A "	\$1.10	\$990.99
<u> </u>		Process License	гее ол	Gallons		\$325.10
l certify that	the above ma	l terial has been accepted a	duced: that the	TOTAL B		\$8,704.84
		n, supervision and control				
	epresentative	•			S abbanie	-
Station GE	•			JIMMY		
Station Gr	<u> </u>		·	OHANAL 1	Well Owner, Operator or Ag	ent
Remarks _						
			NET 30 DA	AYS		



TREATMENT REPORT

Acid	& Cemen	t 🕰								Acid Stage N	o, <u> </u>	
Date 1	2/9/2022 pi	strict GB	F,O. J	10, C60		Type Treatmen Bkdown		Ty _l /Gal		Sand Size	Po	ands of Sand
	ARCADIAN RE							'Gal.			-	
Well Name	& No. FISHER	35-1					Bbl.,	Gal.				
Location _			Field				вы.,	Gal.				
County	CHEYENNE		State KS			Flush	8bl.,					
				Set at	ft.	-		ft. to		ft.	No, ft	0
Formation:			Perf	—— ^{to}		from_				ft.	No. ft.	0
Formation			Perf			Actual Volume	of Oil / Water to Lo	ad Hole:				Bbl./Gal.
Formation:			Perf						•			
Liner: Siz	eType & '	Wt.	Top at ft.	Bottom	" —— ^{ft.}	Pump Trucks,	No. Used: Std.	320	Sp.		Ţwin	
	emented: Yes	Perforated fr		ft. to		Auxiliary Equipr		UDTIC	3	60-308T		· · · · · · · · · · · · · · · · · · ·
· i noing:	Size & Wt. Perforated fro	-	Swung at				G CLARENCE (UKIIS				•
- :	renoratedire	,,,,, <u> </u>	ft. to			Auxiliary Tools						
D 11-1-	.n.						ling Materials:	үре		COMMON		
Open Hole	Size.	T.D	ft, P	.B. to	ft.				4	Gals	·	1b,
Company F	Representative		ЛММ	Y		Treater _			GRÉ	g c.	<u> </u>	
TIME	PRESS	URES	Total Fluid Pumped				R	EMARKS		-		·
a.m./p.m.	Tubing	Casing					· · · · · · · · · · · · · · · · · · ·					
2:30				ON LO	CATION	·	·	·				
		 :-		RUN 2	63' OF 8 5	/8" SURF	ACE PIPE		<u> :</u>			
	_											
				MIX 2	5 SKS CO	MMON 39	% CC					
			<u> </u>	DISPL	CE WITH	15 BBLS						
											-	
5:30				PLUG	OWN@	5:30. CEN	IENT CIRCL	JLATED 1	TO SUR	FACE		
								· · · · · · · · · · · · · · · · · · ·			•	
5:45		ı		JOB C	MPLETE		**			يم ـــ سي		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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Customer	Arcadian Resource	s	Lease & Well #	Fisher Unit #35-				Date	12/	18/2022
Service District	Oakley KS		County & State	Cheyenne KS	Legals S/T/R	35-5S-3	7W	Job#		
Job Type	Longstring	✓ PROD	□ INJ	SWD	New Well?	✓ YES	□ No	Ticket#	W	P 3753
Equipment #	Driver		distribution of the second sec	Job Safety A	nalysis - A Discuss	ion of Hazards 8	Safety Pro	cedures		
73	John	✓ Hard hat		✓ Gloves		Lockout/Tag	out	Warning Sign	s & Flagging	
528-520	Jose V	✓ H2S Monito	r	☑ Eye Protectio	n	Required Pe	rmits	Fall Protection	n	
194-250	Kale	✓ Safety Footy	vear	Respiratory P	rotection	Slip/Trip/Fall	Hazards	✓ Specific Job S	equence/Exp	ectations
242	Kale	FRC/Protect	ive Clothing	Additional Ch	emical/Acid PPE	☑ Overhead H	azards	✓ Muster Point,	'Medical Loca	tions
		Hearing Pro	tection	✓ Fire Extinguis	her	Additional c	oncerns or is	sues noted below		
					Con	nments				
	A SECTION AND A SECTION AND A SECTION AND ASSESSMENT OF THE PROPERTY OF THE PR		PO 412 NO NO (127) + 128 (127 H)				Tales (1982)			
Product/ Service Code		Des	cription		Unit of Measure	Quantity				Net Amount
CP025	H-Con				sack	390.00				\$9,750.00
CP014	H-LD Cement Blend	l			sack	200.00				\$10,000.00
FE135	5 1/2 Turbolizer				ea	10.00				\$1,250.00
FE130	5 1/2" Cement Bask	et			ea	5.00				\$1,500.00
FE132	5 1/2" Stop Ring				ea	5.00				\$150.00
FE145	5 1/2" Float Shoe - A	AFU Flapper Typ	e		ea	1.00				\$375.00
FE170	5 1/2" Latch Down P	Plug & Baffle			ea	1.00				\$350.00
CP170	Mud Flush				gal	500.00				\$500.00
AF055	Liquid KCL Substitut	te			gal	5.00				\$150.00
CP137	Liquid Defoamer				gal	1.00				\$73.00
M015	Light Equipment Mile	eage			mi	60.00				\$120.00
M010	Heavy Equipment M	Mileage			mi	180.00				\$720.00
M020	Ton Mileage				tm	1,665.00				\$2,497.50
D015	Depth Charge: 4001	1'-5000'			job	1.00				\$2,500.00
C035	Cement Data Acquis	sition			job	1.00				\$250.00
C050	Cement Plug Contai	iner			job	1.00				\$250.00
C060	Cement Blending &	Mixing Service			sack	590.00				\$826.00
R061	Service Supervisor				day	1.00				\$275.00
C030	Cement Service - Al	fter 4 Hrs on Loc	ation		hr	8.00				\$2,400.00
					-					
					+					
					+					
Custo	omer Section: On the	e following scale	how would you rate	Hurricane Service	s Inc.?				Net:	\$33,936.50
		· ·				Total Taxable	\$ -	Tax Rate:		><
Ba	ased on this job, ho	w likely is it you	would recommen	d HSI to a colleag	ue?			ducts and services	Sale Tax:	\$ -
							s relies on the	customer provided		
	Unlikely 1 2	3 4 5	6 7 8	9 10	Extremely Likely	well information a services and/or pr			Total:	\$ 33,936.50
									1000.	+ 55,000.00
				COSCIONA HIROSE TAXABLE		HSI Represe	entative:	John Polley		
		0		rior to sale. Credit te	me of sole for engrave	d accounts are tota	Linuaine due a	o or before the 30th	day from the d	ate of invoice Past

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable servi

C	USTOMER	AUTHORIZATION	SIGNATUR



Customer:	Arcadia	n Resou	rces	Well:	Fisher Unit #35-1	Ticket:	WP 3753		
City, State:				County:			12/18/2022		
					Cheyenne KS 35-5S-37W	Date:	Longstring		
Field Rep:	Donaid	Drylle		S-T-R:	35-55-37 VV	Service:	Longstring		
Downhole I	nformatio	on		Calculated S	lurry - Lead	Calc	ulated Slurry - Tail		
Hole Size:	7 7/8	in		Blend:	H-Con	Blend:	H-LD		
Hole Depth:	4874	ft		Weight:	11.7 ppg	Weight:	14.8 ppg		
Casing Size:	5 1/2			Water / Sx:	16.1 gal / sx	Water / Sx:	6.5 gal / sx		
Casing Depth:	4871.62			Yield:	2.67 ft ³ / sx	Yield:	1.51 ft ³ / sx		
Tubing / Liner:		in		Annular Bbls / Ft.:	0.0309 bbs / ft.	Annular Bbls / Ft.:	0.0309 bbs / ft.		
Depth:		ft		Depth:	4871 ft	Depth:	4871 ft		
Tool / Packer: Tool Depth:		ft		Annular Volume:	150.5 bbls	Annular Volume:	150.5139 bbls		
Displacement:	115.3			Excess: Total Slurry:	171.1 bbls	Excess: Total Slurry:	53.7 bbls		
		STAGE	TOTAL	Total Sacks:	360 sx	Total Sacks:	200 sx		
TIME RATE	PSI	BBLs	BBLs	REMARKS	(44-94) 42/A (49-4)		(a) Shell with the product of the same		
8:00 AM			-	Arrived on location					
8:10 AM				Safety meeting					
8:20 AM				Rigged up					
7:55 PM			-	Casing on bottom					
8:22 PM			-	Dropped ball and circu	lated mud				
10:04 PM 4.0	150.0	10.0	10.0	Water ahead					
10:08 PM 4.0	200.0	12.0	22.0	Pumped 500 gallons m	ud flush				
10:12 PM 4.0	200.0	10.0	32.0	Water behind					
10:26 PM 2.2	50.0	14.2	46.2	Mixed 30 sacks cement					
10:36 PM 4.5	175.0	171.1	217.3		Lead cement @ 11.7 ppg				
11:32 PM 5.7	160.0	53.7	271.0	Mixed 200 sacks H-LD					
11:51 PM	120.0	115.3			g, cleared pump and lines th 2% KCL in first 20 bbls				
12:00 AM 7.0 12:25 AM	1,800.0	115.3			ding psi and 1800 bump psi with 15 b	bls/32 sacks cement circula	ated to pit		
12:27 AM	1,800.0				g held with .7 bbls back to tank	photo E ducko content on out	atou to pit		
12:29 AM				Washed up and rigged					
1:07 AM				Left location					
	CREW			UNIT		SUMMAR	Y But I was a second		
Comenter	Johr		/ A Service land	73	Average Rate	Average Pressure	Total Fluid		
Cementer: Pump Operator:	Jose			528-520	4.5 bpm	357 psi	386 bbls		
Bulk #1:	Kale			194-250	110 8/111	1			
Bulk #2:	Kale			242					