KOLAR Document ID: 1641191

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
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	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:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
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:w/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)
Committed at Provider	Chloride content: ppm Fluid volume: bbls
☐ Commingled     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
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: 1641191

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Raney Oil Company, LLC
Well Name	JONES 2D
Doc ID	1641191

## All Electric Logs Run

DIL	
sonic	
micro	
comp density	

Form	CO1 - Well Completion		
Operator	Raney Oil Company, LLC		
Well Name	JONES 2D		
Doc ID	1641191		

## 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	24	313	Class A	190	3%cc2%g el
Production	7.875	5.5	17	3210	Thick set	150	4%gel

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



Date	Invoice #
2/10/2022	6201

Bill To		
RA Energy LLC 11615 Rosewood St., S	Suite 100	ter film til det en med stem stem stem stem stem stem stem stem
Leawood, KS 66211		
O		
Customer ID#	1375	

Job Date	2/8/2022			
Lease Information				
Jones #2D				
County	Cowley			
Foreman	DG			

		AND	Terms	Net 15
Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	manarana ma 1	890.00	890.00
C107	Pump Truck Mileage (one way)	60	4.20	252.00
C200	Class A Cement-94# sack	190	17.35	3,296.50T
C205	Calcium Chloride	535	0.69	369.15T
C206	Gel Bentonite	350	0.28	98.00T
C209	Flo-Seal	50	2.60	130.00T
C108B	Ton Mileage-per mile (one way)	535.8	1.40	750.12
D101	Discount on Services		-94.60	-94.60
D102	Discount on Materials		-194.68	-194.68T
			пългония	
		And and a series	COORDINATION	
		properties on an	reductions	— 79
		TATE OF THE PARTY	on a contract of the contract	
		10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	**************************************	
	U. distribution of the control of th		renovembles	
	G. Control of the Con		ожения	

## 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	\$5,496.49
Sales Tax (6.5%)	\$240.43
Total	\$5,736.92
Payments/Credits	\$0.00
Balance Due	\$5,736.92

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



Cement or Acid Field Report
Ticket No. 6201
Foreman David Gardner
Camp Eureka

1 - tt - 1		GEIVILIY					-		
API 4 15-03	5-2475	2							
Date	Cust. ID#	Lease &	Well Number		Section	Township	Range	County	State
2-8-22	1375	Jones	#2D		6	34S.	6E.	Cowler	KS
Customer	- Annual			Safety	Unit #		iver	Unit#	Driver
RA	Energy	110		Meeting		Ja.	501		1,000
Mailing Address	01			DG	113	Bro	ke		
11615	Rosewoo	State Zi	100	BW					
City		State Zi	p Code						
Leawoo		./5	66211						7,
		Hole Depth .	328' K.B		Slurry Vol	47 Bb1	Т	ubing	
Casing Depth	312.79'	6.C. Hole Size	121/4"		Slurry Wt /	5#		rill Pipe	
		Cement Left i			Water Gal/SK			Other	
Displacement	191/2 B	b) Displaceme	ent PSI		Rump Plug to		E	3PM	
									est water
Remarks. 30	CTELY III	leeting: Rig Class A Cen	up 10 8 1	201 1	19. Wast	e l'Il	1100 001	Lu @ 15#1	1 / 200//
Mixed	190'SKS	Class H Cen	ment w/.	3/0 (90	12,2%	501,14	Moseal	SK (6 13 /9	ig), VIETA
1.39 = 47	7 86/5/	urry. Displan	re w/ 19	1/2 BL	of fresh	water.	Shut c	lown. Clos-	e casing in.
Good rea	ment re	turns to su	rface = 1.	3 Bb1	Slurry	to pit.	Job a	omplete P	is down.
		,			/	,			<i>J</i>
		\$7.000 m							

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
9				
C200	190 SKS	Class A' Cement	17.35	3296.50
C205	535#	Cac/2 3%	. 69	369.15
CZ06	350 <sup>#</sup>	Gel 2% Floseal 1/4#/sk	.28	98.00
CZ09	50 <sup>#</sup>	Floseal 1/4#/sk	2.60	130.00
C168B	8.93 Tons	Ton Mileage - Bulk Truck	1.40	750.12
				7.00
		Thank You	Sub Total	5,785.77
		6.5%	Less 5% Sales Tax	301.94
		add Galick Title C46 Drlg. Tool Pasher	Total	5,736.92

I' A REACT

In consideration of the prices to be charged by Elite Cementing & Acidizing of Kansas, LLC (ELITE) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay ELITE interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event ELITE retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by ELITE.

Any applicable federal, state or local sales, use, consumer or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All ELITE prices are subject to change without notice.

#### SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by ELITE. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises around the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service to be performed.

- (a) ELITE shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of ELITE, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of ELITE, Customer shall be responsible for and indemnify and hold ELITE harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by ELITE; (3) injury to or death of persons, other than employees of ELITE, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; (4) well damage or reservoir damaged caused by (i) loss of circulation, cement invasion, cement misplacement, pumping

cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. ELITE may furnish downhole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage or loss resulting from the use of such tools. Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) ELITE makes no guarantee of the effectiveness of any ELITE products, supplies or materials, or the results of any ELITE treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ELITE is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ELITE. ELITE personnel will use their best efforts in gathering such information and their best judgment in interpreting it. Customer agrees that ELITE shall not be responsible for any damage arising from the use of such information except where due to ELITE's gross negligence or willfull misconduct in the preparation or furnishing of it.
- (e) ELITE may buy and resell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that ELITE is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify ELITE against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

ELITE warrants its title to the products, supplies, and materials used or sold to the customer. ELITE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANT OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ELITE's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any ELITE products or services is expressly limited to the replacement of such or their return to ELITE or, at ELITE's option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against ELITE for any special, incidental, indirect, consequential or punitive damages.

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



Date	Invoice #
2/16/2022	6205

Bill To		
RA Energy LLC 11615 Rosewood St., S Leawood, KS 66211	Suite 100	
Customer ID#	1375	100 Part   100 Part

Job Date	Job Date		
Lease Information			
Jones #2-D			
County	Cowley		
Foreman	DG		

		natura exercis e constitución de la constitución de	Terms	Net 15
Item	Description	Qty	Rate	Amount
C102	Cement Pump-Longstring	1	1,100.00	1,100.00
C107	Pump Truck Mileage (one way)	60	4.20	252.00
C203	Pozmix Cement 60/40	85	14.75	1,253.75T
C206	Gel Bentonite	440	0.28	123.20T
C208	Pheno Seal	170	1.45	246.50T
C201	Thick Set Cement	150	22.55	3,382.50T
C207	KolSeal	750	0.52	390.00T
C208	Pheno Seal	150	1.45	217.50T
C211	CFL-115	50	12.10	605.00T
C108B	Ton Mileage-per mile (one way)	714.6	1.40	1,000.44
C691	5 1/2" Guide Shoe	1	193.00	193.00T
C674	5 1/2" AFU Float Collar	1	395.00	395.00T
C604	5 1/2" Cement Basket	3	260.00	780.00T
C504	5 1/2" Centralizer	8	55.00	440.00T
C421	5 1/2" Latch Down Plug	1	266.00	266.00T
C222	KCL	2.5	30.00	75.00T
D101	Discount on Services		-117.63	-117.63
D102	Discount on Materials		-418.37	-418.37T

## 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	\$10,183.89
Sales Tax (6.5%)	\$516.69
Total	\$10,700.58
Payments/Credits	\$0.00
Balance Due	\$10,700.58

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

(691

C604

C504

C421

CZZZ

3

8



Cement or Acid Field Report
Ticket No. 6205
Foreman David Gardner
Camp Eureka

193.00

395.00

260.00

266.00

55.00

30.00

193.00

395.00

780.00

440.00

266.00

75.00

API#15-0	35-24752									
Date	Cust. ID#			Section	Town	ship	Range	Coun	ty	State
2-14-2	22 1375	Jones # Z-D		(0	39	1 S.	loE.	Cowle	?V	KS
Customer			Safety	Unit #		Drive	-	Unit#		Driver
K	A Energy	, LLC	Meeting	105		Jasa	0			
Mailing Addr		1	DG	113		Shan	non		-	
	Kosewood		SF	77.5		DOF				
City	,	State Zip Code		27						
Leaw	500	KS 66211	100Th		4 861	lead				
Job Type _	Longstring	9 Hole Depth <u>334/ 'K.B./</u>	3214.75	Slurry Vol. <u>5</u>	O BbI-	Tail		oing		
Casing Dep	oth 3219.1	8' Hole Size 7 7/8"		Slurry Wt. 🚣	3.3 th	-13.8	Dril	I Pipe		
Casing Size	e & Wt. <u>5/2</u>	17 Cement Left in Casing 43.5	7' 5.5.	Water Gal/SK			Oth	ner		
Displaceme	ent <u>75 1/4 1</u>	Bbl Displacement PSI800	5	Bump Plug to	13	00 PS	BPI	М		
Remarks:	Safety Mas	eting: 51/2" 17 " casing ser	10 3	210 18'	Circu	late	ul mu	d Num	1 fr	- 11/2 HR
Rieman	to 51/2" m	sing. Break circulation w/	1 8 8h	I fresh in	tor	Mixe	1 50 5	SKS 100/	2/1 F	Brmix
Coment	11 6% Ge	1, 2# Phenoseal/sk @ 13.3	3#/00/	weld 1,57	- 19	1 Bb1	duren -	Tailin	115/1	150 SKS
Thick	Set Cement	ω/5# Kolseal/sk, 1# f	Leasen	1/sr /3%	CE	1115	@ 13.8	Haal vi	eld 1	87 = 50
		ash out pump & lines. Shu								
seat u	1 75 1/4 BL	of fresh water. (KCL in 1	st 40 f	Bbl) Fina	1 pur	noing	pressur	re of	800	P1.
Bump	plug to 13	300 PSI. Wait 2 mins.	Releas	e pressur	e. Fl	at +	Plus he	ld good	1. Go	od
Circulati	on @all 7	times while cementing. I	oh 601	molete. Ria	down		1			
Note: P	BTD-3214	,75'		, ,						
Plug R.H	1. w/ 20 SK	S + M.H. W/15 SKS			.0.50					
		2,9,11,16,19,21,30		askets on	#3,	10,2				
Code	Qty or Units	Description of Product or Serv	/ices				Unit P	rice		Total
CIOZ	/	Pump Charge					110	0.00		100.00
C107	60	Mileage						4.20	- 500	252.00
C203	85 SKS	60/40 Bzmix Cement				4		4.75		53.75
C206	440#	Gel 4%	Lead	Cement -	50	SKS		. 28	/	123.20
C208	170#	Phenoseal Z4/sk						1.45	2	146.50
C201	150 SKS	Thick Set Cement					2	2.55		382.50
C207	750#	Kolseal 5%sk	Tail	1 Cement				.52		390.00
CZ08	150#	Phenoseal 1#/sk /					/	1,45		217.50
C211	50#	CFL-115 1/3%		- North Control of the Control of th			10	2.10	4	05.00
C108B		Ton Mileage - Bulk Tru	cks					1,40	10	000.44

 Authorization
 6.5%
 Sales Tax
 543.88

 Authorization
 Total
 10,700.58

isplacement water

TERMS

In consideration of the prices to be charged by Elite Cementing & Acidizing of Kansas, LLC (ELITE) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay ELITE interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event ELITE retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by ELITE.

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## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by ELITE. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises around the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service to be performed.

- (a) ELITE shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of ELITE, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of ELITE, Customer shall be responsible for and indemnify and hold ELITE harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by ELITE; (3) injury to or death of persons, other than employees of ELITE, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; (4) well damage or reservoir damaged caused by (i) loss of circulation, cement invasion, cement misplacement, pumping

cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. ELITE may furnish downhole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage or loss resulting from the use of such tools. Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) ELITE makes no guarantee of the effectiveness of any ELITE products, supplies or materials, or the results of any ELITE treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ELITE is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ELITE. ELITE personnel will use their best efforts in gathering such information and their best judgment in interpreting it. Customer agrees that ELITE shall not be responsible for any damage arising from the use of such information except where due to ELITE's gross negligence or Willfull misconduct in the preparation or furnishing of it.
  - (e) ELITE may buy and resell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that ELITE is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify ELITE against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

ELITE warrants its title to the products, supplies, and materials used or sold to the customer. ELITE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANT OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ELITE's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any ELITE products or services is expressly limited to the replacement of such or their return to ELITE or, at ELITE's option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against ELITE for any special, incidental, indirect, consequential or punitive damages.

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



Date	Invoice #
2/15/2022	6204

Bill To

RA Energy LLC
11615 Rosewood St., Suite 100
Leawood, KS 66211

Customer ID# 1375

	-				
Job Date	Job Date				
Lease Information					
Jon	Jones #2D				
County	Cowley				
Foreman	DG				

		of critical and control of the contr	Terms	Net 15
Item	Description	Qty	Rate	Amount
C103 C107	Cement Pump-Plug (new well) Pump Truck Mileage (one way)	1 60	1,100.00 4.20	1,100.00 252.00
C200 C205 C208 C108A	Class A Cement-94# sack Calcium Chloride Pheno Seal Ton Mileage (min. charge)	25 95 75 1	17.35 0.69 1.45 365.00	433.75T 65.55T 108.75T 365.00
D101 D102	Discount on Services Discount on Materials		-85.86 -30.40	-85.86 -30.40T

## 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	\$2,208.79
Sales Tax (6.5%)	\$37.55
Total	\$2,246.34
Payments/Credits	\$0.00
<b>Balance Due</b>	\$2.246.34

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



Cement or Acid Field Report
Ticket No. <b>6204</b>
Foreman David Gardner
Camp <u>Eureka</u>

API#15-035	-24752	CEN	I but I V I		N "	9 -	Camp _	Cureka	
Date	Cust. ID#	Leas	e & Well Number		Section	Township	Range	County	State
2-13-22	1375	50,	nes # 2-D		6	345.			KS
Customer				Safety	Unit #		iver	Unit #	Driver
RA En	ergy, L	LC		Meeting	104		11101	OTHE II	Dilvei
Mailing Address	011			SF	114	Brol	cer		
11615 R	osewood	St. Ste	100	BW					
City		State	Zip Code	1					
Leawood	1	KS	66211						
Job Type Plu	g Back	Hole Dep	th <u>3341' K. B</u>	3.	Slurry Vol.	5/4 861	Tuk	oing	
Casing Depth_		Hole Siz	re 7 1/8"		Slurry Wt. 15			II Pipe <u>4 1/2</u> 1	6.60#
Casing Size & V	Vt	Cement L	eft in Casing		Water Gal/SK			ner	
Displacement_	45/2 Bb1	mud Displace	ement PSI		Bump Plug to			M	
Remarks: <u>Sa</u>	fety Mee.	ting: Rig 7	.D.@ 3341' K				of lost o	Saculation T	-0.0 W
14601	011011	ID IN ODEN	PAMPA TA 34.	MY K	ronk of all	late.	1 /	71 4	
CI, CAIAIION	. 1119 UP	10 7/2 /6	· 60 Drill Din	ne Mi	X un a	2000	1	· · · · M ·	. ~
	700 // 00	Mell WI	10 (acca)	140000	1/50 (00 /7	1001 11101	11.18	111 861 511 -	5/- 7
0-000	out pur	THE THEO,	Jump mud	MICHAI	11005 77 0	IT MILLER	6 110/1105	1)1001000	0
down. Wash out pump + lines. Pump mud threw lines to pit. Switch valves. Displace cement w/ 45/2 Bbl mud @ 5 BPM + 150 PSI. Shut down. Release w/ No Flow back. Pull up to 1600' of Doill sine work 5 4PS /3:15 PM -									
of Drill pipe. Wait 5 HRS. (3:15 P.M. plug down, Trip back in 4 tag cement @ 8:15 P.M.) Tagged cement @ 3186 = 94' of 2:11 " Rich and Voll to Dill in the tag cement @ 8:15 P.M.)									
cement @	cement @ 3185' = 94' of fill up. Rig up Kelly to Drill pipe & break circulation. Had								
good retu	good returns to surface Joh complete 8: 1								

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C103	1	Pump Charge	1100.00	
C107	60	Mileage	4.20	252.00
0.0				
C200	25 SKS	Class A' Coment	17.35	433.75
C205	95 <sup>#</sup>	Caclz 4%	.69	65.55
6208	/5	Phenoseal 3#/sks	1.45	108.75
CIOSA	1.17 Tons	Ton Mileage-Bulk Truck	m/c	365.00
		Thank You	Sub Total	2.325.05
		6.5%	Less 5% Sales Tax	2,325.05 118.23 39.52
Authoriz	ation by Jude	Gulick Rodger Martin Title Tool Pusher-C46 Drlg Geologist	Total	2,246.34

#### TERMS

In consideration of the prices to be charged by Elite Cementing & Acidizing of Kansas, LLC (ELITE) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay ELITE interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event ELITE retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by ELITE.

Any applicable federal, state or local sales, use, consumer or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All ELITE prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by ELITE. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises around the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service to be performed.

- (a) ELITE shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of ELITE, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of ELITE, Customer shall be responsible for and indemnify and hold ELITE harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by ELITE: (3) injury to or death of persons, other than employees of ELITE, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; (4) well damage or reservoir damaged caused by (i) loss of circulation, cement invasion, cement misplacement, pumping

cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. ELITE may furnish downhole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage or loss resulting from the use of such tools. Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) ELITE makes no guarantee of the effectiveness of any ELITE products, supplies or materials, or the results of any ELITE treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ELITE is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ELITE. ELITE personnel will use their best efforts in gathering such information and their best judgment in interpreting it. Customer agrees that ELITE shall not be responsible for any damage arising from the use of such information except where due to ELITE's gross negligence or willfull misconduct in the preparation or furnishing of it.
- (e) ELITE may buy and resell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that ELITE is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify ELITE against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

ELITE warrants its title to the products, supplies, and materials used or sold to the customer. ELITE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANT OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ELITE's liability and Customer's exclusive remedy in any claim (whather in contract, tort, breach of warranty or otherwise,) arising out of the sale or

WARRANTIES - LIMITATION OF LIABILITY

use of any ELITE products or services is expressly limited to the replacement of such or their return to ELITE or, at ELITE's option, an allowance to Customer of credit for the cost of such Items.

Customer waives and releases all claims against ELITE for any special, incidental, indirect, consequential or punitive damages.

EASE CABING CABING CATION $\frac{7}{6}$ ECTION $\frac{6}{1}$	S 2D N VALLEY 16' FNL & 907' F TOWNSHII VLEY	WL	RANGE 06E KS	KB 12	ELE VA	All
ONTRACTOR PUD 02/07/20 TD 3341'/PBR	ELECTRIC	ng, Rig #2  COMP 02/14/	LTD 3188'	SURFAC		312' KB 2" 17#/ft LS set @ 3210'
FORMATION ' ATAN  JPPER STALNAKER  MAIN STALNAKER  ANSING JPPER LAYTON  MAIN LAYTON  BASE LAYTON	ГОРЅ	LOG  1799' (-532)  1836' (-568) 1873' (-606)  2237' (-990) 2273' (-1006) 2285' (-1018) 2402' (-1135)	SAMPLES  1803' (-536)  1139' (-672) 1877' (-610)  2240' (-973) 2277' (-1010) 2287'(-1020) 2405' (-1138)	02/08/2022- WO	RU. SPUD 12 1/4"	AM.
				02/11/2022- Drl; 02/12/2022 02/13/2022- Los cmt job (see bele FINAL PBRTD	g @ 2568' @ 8:00  st circulation @ RT ow, Ticket #6204).	AM. 'D ~3341'. Elite
CHEROKEE  Fros. MISSISSIPPIAN MISSISSIPPIAN CHERT MISSISSIPPIAN LS COWLEY FACIES RTD/LTD PBRTD/PBLTD  EMARKS: 0 T &	icket #6204- Trip in hol z 3#/sk Phenoseal (15#/g	2819' (-1552)  3077' (-1810) 3082' (-1815) 3086' (-1819) 3188' (-1921)  ion- Cemented by Elite of the will be a	2822' (-1555)  3080' (-1813) 3085' (-1818) 3090' (-1823) 3218' (-1951) 3341' (-2074) 3215' (-1948)  Cementing & Acid Service, LLC drill pipe to ~3309' & spotted 25  PM. TOH to ~1600' & WOC for ~	sks Class A cement, 4% C 5 hours. TIH & tag cmt @	0	
& 8 8 8 P P T T R C C C C C C C C C C C C C C C C C	a 3#/sk Phenoscal (15#/g :15 PM @ 3185'. CTCE roduction Casing set by icket # 6205- Safety me- tig up to 5 1/2" casing. I ement w/ 6% Gel, 2# Pl 'hickset Cement w/ 5# K bl slurry. Wash out pum- eat w/ 75 1/4 bbl fresh w eat w/ 75 1/4 bbl fresh w irculation @ all times w INAL PBTD @~3165' I dug rathole w/ 20 sks & Centralizers on #1,2,9,11	al). Plug down @ 3:15 Pl & TOH for E-Logs. TII Elite Cementing & Acideting: 5 1/2" 17# casing Break circulation w/8 bbenoseal/sk @ 13/3#/gal, colseal/ sk, 1# Phenoseal/p & lines. Shut down. R atter (KCl in 1st 40 bbl). Vait 2 mins. Release preshile cementing. Job com KB. Csg set ~5" off botton	PM. TOH to ~1600' & WOC for ~1 W/bit after E-Logs. Drilled ~30 d Service, LLC: set @ 3210'. Circ w/ mud pumpol fresh water. Mixed 50 skx 60/44 yield 1.57= 14 bbl slurry. Tail in sk, 1/3% CFL- 115 @ 13.8#/gal elease latch down plug. Displace Final pumping pressure of 800 psure. Float & plug held good. Goplete. Rig down.  m @ 3210' KB, ~45' shoe joing &	5 hours. TIH & tag cmt @ ' of cement plug to ~3215'  1.5 hrs.  1 Pozmix  w/ 150 sks  yield 1.87= 50  plug to  ssi. od	for PBRTD.	
			IPLE DESCRIPTION	0	TGV	300
Q 5	10	**No SFO-No FL 1300'-1700'.**	R- No Cut in samples exami	ned from		
d 5	1450					
C 5	1500					
0 5	1550					
<b>Q</b> 5	1600					
0 5	1650					
5	1700	SH: Vgt'd, Pred gy SILTS: lt-md gy, s fribl w/ Pr- Fr visbl	-blk. ndy, Vfn- fn Gr'd, VRr Sd Clus I Poro, NSO. NF, NC.	t: Vfn-fn Gr'd,		
		fribl w/ Pr- Fr visbl	ndy, Vfn- fn Gr'd, VRr Sd Clus l Poro, NSO. NF, NC. d Gr'd, fribl w/ NSO, NF, NC.			
C 5	1750	SILTS- SH: gy, sm Pred SH: gy-blk.	n sndy.			
0 5	1800	{IATAN} Rr LS: g	gy-tn-bn, ux & dn- argil Mdst, V Poro, NS. Tre Sd Clust, AA.	/Rr sndy LS &	<b>)</b>	1803' (-536) IATAN
0 5	1850	sm sndy Silts {UPPER STALN.	<b>AKER}</b> SS- Sd Clust: gy-wh, \\ ll cmt'd- subfribl, Pr- Fr Poro, \\ Clust & Silts.	/fn-fn Gr'd, NSO, NF,NC,		1139' (-572) UPPER STALNAKER
-(	10	SS & SILTS: AA,		gy, Vfn- md Gr'd, NF, NC.		1877' (-610) MAIN STALNAKER
C) 5	1900	subanglr, well cmt'	of-gy, Vfn-fn Gr'd & VRr prt m d- fribl w/ Abndt Fr- Gd IGr Po cmt'd Sd Clust w/ NS.	d Gr'd, rnd'd- oro, NSO. sm		
0 5	1950		& sm sndy SH: AA. : bf, sm sndy: Vfn- fn Gr'd, mic	ac & Silty Sd		
-(			f-wh, Pred Vfn- fn Gr'd, well cr O. NF. NC.	nt'd- fribl w/ VRr	}	
C 5	2000	& SH: gy-blk.  SH: Pred dk gy-blk	k, sm blk carb, sm pyrtc.			
G 5	2050	10000	dn Mdst & argil- sndy.		}	
		SS: lt-md gy, Vfn-	fn Gr'd, VRr prt md Gr'd, Pred NC. sm well cmt'd w/ VPr- Pr	fribl w/ Fr- Gd Poro, NSO. sm		
C 5	2100	Pred SH: gy-blk, st & SILTS: It-dk gy, Poro & NSO)	m cale & lmy. , micac. (Tre Sd Clust: AA, Vfi re Sd Clust, AA, NSO)	n-md Gr'd w/ Gd		
G 5	2150		re Sd Clust, AA, NSO)		\ \ \	
	2200		n-gy & blk, sm silty, sm pyrtc.		<b>\</b>	
	10	Pred SH: AA. Tre i NSO.	Silty Sd Clust: gy, Vfn-fn Gr'd, ndy, calc & lmy.	Pr visbl Poro w/		
0 5-CF -CF -CF	2250 S- 10 S-	NS. SILTS: gy, sndy & SH: Vgt'd, AA. & SILTS: sm calc Abndt SILTS: It gy				2240' (-973) LANSING
Q 5	2300	{UPPER LAYTO md Gr'd, rnd'd- sub >99% barren w/ l  {MAIN LAYTON STN- Cut. >99% \cdot  Pred Silty Sd Clust	oN} SS- Sd Clust: gy-wh, Vfn-1 banglr, Pr- Gd Poro, Trc SFO- NSO. NO . N} SS- Sd Clust: Trc fribl, AA	FLR & Tre Cut.  w/ FLR- SFO-  It gy, sndy &		2277' (-1010) UPPER LAYTO {Trc SFO) 2287' (-1020) MAIN LAYTON {Trc SFO)
		w/ Fr- Gd Poro, >9 Vfn-md Gr'd Sd Cl SS- Sd Clust: AA,	-bf, Pred Vfn-fn Gr'd & Silty & 19% barren (Trc FLR- SFO- Cu ust w/ Gd Poro. Pred Vfn Gr'd- silty w/ NSO. V Gr Poro. >99% barren. (Trc spt	rt, AA). Tre TRr Vfn- md Gr'd,		
C 5	2350	SS- Sd Clust: gy-bl	>99% barren w/ NSFO. f-wh, Vfn-md Gr'd, rnd'd- subar Fr- VGd Poro, >99% barren w/	nglr, sm silty,		
-c	2400	micac, sm frib w/ F sm SILTS: sndy. {BASE/LAYTON				2405' (-1138) BASE LAYTON
	2450	fnxln, VPr- NV Por	- lmy SH & Silts. LS: gy-bn, gy-wh, dn Mdst, sr ro, NSO.	fn Gr'd, Pred		2436' (-1169) KANSAS CITY 2447' (-1180) DODDS CREEK
0 5	10	Silty & well cmt'd Poro, >99% barren u-spt's F.Oil.	to subfribl w/ Pr- Fr visbl Poro,  a. <b>Trc spt'd FLR &amp; Cut, 1 C</b> l  t & Sndy Silts w/ Pr visbl Poro	VRr fribl w/ Gd ust w/ Trc SFO-		Tre SFO)
0 5	2500	SH: gy-blk & Silts,	, AA. -gy-wh, ux- fnxln, sm prt chlky	& sm dn Mdst,		2512' (-1245) DENNIS
0 5 <b>-</b> 0	2550	w/ NSO.	gy-blk, ux- dn & argil Mdst w st & calc & lmy SH.	VPr- NV Poro		2532' (-1265) SWOPE
		Abndt SH: Pred dk	gy-blk, sm calc & lmy, sm mr wh-gy-tn, ux- fnxln & dn, sm ar		<b>&gt;</b>	Mud Checks by Fud Mud: Drlg @ 2568' wt 9.0, vis 40 PV 10, YP 10 p 9.0, WL 12.0 Cl 1400, LCM 0# ECD 9.72 2587' (-1320) HERTHA
0 5	2600	Mdst, Pr- NV Poro	CITY} SH: AA & SILTS: lt-n			2602' (-1335) B/KANSAS CIT
0 5	2650	SILTS: AA & SH:		risbl Poro, NSO.		
-(		Pred VPr- NV Porc	LS: tn-wh, Pred dn Mdst & mx, ɔ, NSO.	sm prt chlky,		2690' (-1423) MARMATON
0 5	2700	SH: blk carb & gy,  {ALTAMONT} L  Wkst- Pkst, fos-cor  Poro, VRr VSI SF  argil LS & SH, AA  Abndt dn & argil L	silty, SI pyrte.  S: tn-gy-wh, sm motl'd, ux- md ral, VRr Fr- Trc Gd Poro: fos-n O- FLR- STN & Cut, VSI Oc.  S w/ VPr- NV Poro.	nold Poro & IX		2706' (-1439) ALTAMONT {VSI SFO)
0 5	2750	VPr- Pr visbl Poro, OSTN & Cut.	m carb. vh-tn-gy, sm prt chlky & Mdst- . VRr Fr Poro, <b>&lt;5% w</b> / <b>Sl SFO</b>			2750' (-1483) PAWNEE {SI SFO)
0 5	2800	SH: Blk carb & dk  {FORT SCOTT} Pkst & ux- Vfnxln-	Mdst- Wkst w/ VPr- NV Poro. gy, calc & lmy, Sl pyrtc.  LS: wh-tn-gy, prt chlky, Abndt fos w/ Pr- Fr Poro: pp Poro, u w/ spt'd- subsat FLR & VSI	Gr Poro &		2787' (-1520) FORT SCOTT {VSI SFO)
		SH: Blk carb- Vcar LS: AA & dn Mdst {CHEROKEE} S & SILTS: dk-lt gy, SH- SILTS: md-dk	t. H: blk carb. , micac & calc.		}	2822' (-1555) CHEROKEE
0 5 0	2850	Silty SH: AA, mica	ac, sm SI calc.			
0 5	2900	VRr LS: gy-blk, dr Trc Coal. SILTS: AA, sm cal SH: Pred dk gy-blk VRr LS: argil Mds	micac & calc. & SH: AA.  n, ux & Vargil Mdst.  le & micac.  s, sm carb.	ilts.		
0 5			& pyrte, sm lmy & calc SH & S lt-dk gy, VRr rd-mrn SH, sm S			
0 5 0	2950		gy, dn- ux & Mdst- sm Silty & sm calc & lmy & Trc Coal	Sndy LS.		
-c	3000	Rr blk carb SH- py SILTS: lt-md gy, n Coal.	rtc. nicac, sm sndy, Trc Sd Clust: A	A, NSO. Tre		
	3050	SILTS: AA & SH:		- Silv-		
0 5 CFS/C	10	SH: AA, Vgt'd, sm SH: AA, Incrs mrn {Eros MISSISSIF sm shly, Pr- Gd Po	gy, gn-gy, rd-mrn, sm lt gy SH blk subcarb, Rr carb, Trc Coal -rd, Incrs lt-md gy, wxy SH.  PPIAN} Chert: wh-g-bf, SI-Vw ro w/SFO-STN-Cut. {MISSI c Chert wsubsat-sat Tn-bn O	, sm pyrtc SH.  3080 E ros 3085 SSIPPIAN3	0' (-1813) s. MISS 5' (-1818) ss CHERT SFO)	DST#1 MISS 2809'-3200'
0 5 <b></b>	3100 10 S-	sm shly, Pr- Gd Po CHERT:Rr Tripole Poro, Fr- VGd SF {MISSISSIPPIAN cryptox- ux, sm Pk Poro, sm aprnt Fre Poro w/ sat FLR, Odor. Iners Fr-Gd Poro w	ro w/SFO-STN-Cut. {MISSIc Chert w/subsat-sat Tn-bn O/O & brt FLR, Fr Odor.  N} LS: wh-chlky & cm-bf Pkst-st & Pk'd Grst w/ Fr Poro: IGr Poro w/ subsat- sat brt FLR, Lt OSTN & Fr SFO & Cut, w/FLR-SFO-Lt OSTN.	SSIPPIAN; STN, VRr VGd  STN, VRr VGd  Gd  3090  MIS  {Fr  prt chlky, sm dn- Poro, uPoro, pp Fr SFO, Trc Gd  Frly Strng  {Fr  {Fr	SFO) 0' (-1823') 5S LS SFO) SFO)	2809'-3200' 30-45-60-90 1st Op: Strng blobbt to 47.11". No BB 2nd Op: Strng blobbt to 127.62" Wk surf blobbt to 0.5", dd of Rec: 333' TF: 63' GIP 33' 100% M 240' GCM
		LS: wh-chlky & cn Fr- VRr Gd Poro, I Cut, VLt OSTN, I  LS: wh-chlky to bf Poro, subsat- sat I VLt OSTN.  LS: AA, Incrs in w	n-bf-gy, semichlky Wkst- Pkst IGr Poro, pp Poro w/ <b>Abndt FI</b> <b>Fr Odor</b> . Etn Pkst & VRr Pk'd Grst w/ Fr <b>FLR &amp; Fr SFO- Gsy, Fr milk</b> th-chlky LS, sm Wkst- Pkst, <b>sh</b>	& Pk'd Grst w/ .R, Fr SFO &  Poro: pp & IGr y Cut, Fr Odor,	SFO) SFO) SFO)	240' GCM 15%G,85%M 60'OSptGCM <1%O,10%G 90%M Tool Spl: VSIOGCM <1%O,15%G 85%M IHP: 1386 IFP: 37-107 ISIP: 107 FFP: 1150177
	10	w/ FLR- SFO- Cu  Rr Sl SFO, spt'd-  LS: wh-gy & bf-tn, to Vchlky w/ sm Fr	nt . sat FLR, SI Cut, Trc Lt STN , motl'd Wkst- Pkst & VRr Pk'd r- Gd visbl & aprnt Poro: IGr P	{SI }	SFO)	
0 5	3200	to Vchlky w/ sm Fr SFO- FLR, Trc S' LS- DLS: gy-bf-tn, Wkst- Pkst, AA. T. {COWLEY} LS: gy-lt gy, ux- Vfnxh	r- Gd visbl & aprnt Poro: IGr P TN, VSI Odor: , ux- Vfinxln, sm Pr- Fr Poro: ul rc SFO-STN-FLR- Cut. gy-blk- Vargil- shlky- blk carb n, prt Vargil w/ VPr- NV Poro	X Poro & sm {Tro	3' (-1921)/PBL : SFO) 3' (-1951) WLEY FACIE	FINAL PBTD @ 3165' KB. Csg set 5' off bottom @ 3210' KB, 45' shoe joint &
0 5	3250	gy-lt gy, ux- Vfnxli Vargil Mdst, sm ux	n, prt Vargil w/ VPr- NV Poro k- dn hd, silic LS w/ VPr- NV F n, ux- Vfnxln, dolome, sm Sl si	w/ NSFO. sm oro.		
		uIX Poro to NV Po	gy-bn & bf-tn, ux- Vfnxln w/ V pro, sm argil, NSFO, NF, NC.			Drlg @ 3274' wt 9.3, vis 51 PV 15, YP 20 pH 10.5, WL 7.2 Cl 1400, LCM 3# ECD 10.03
0 5 6	3300		w/ VPr- NV Poro, NSFO, NF, I Mdst & dn- ux LS w/ VPr uIX NSFO, NF, NC.			
	CTCH 3350	Poro, NSFO.  **Lost circulation up, pulled loose, T w/ hot common 4	olk & gy-bn, ux- Vfnxln & Mds n 45" in to CTCH for E-logs rOH. TIH w/ Tricone w/ No % CaCl Elite LCM additive	Stuck, hung jets, regain.Plug	r <del>(-20</del> 74)/RTE	LCirc @ 3340' wt 8.9, vis 54 PV 10, YP 20 pH 10.3, WL 7.6 CI 1100, LCM 8#



### DRILL STEM TEST REPORT

Raney Oil Corp.

Sec 6 34S 6E

4665 Bauer Brook CT.

Jones 2D

Law rence, KS. 66049

Job Ticket: 67611 **DST#:1** 

ATTN: Thomas Raney

Test Start: 2022.02.11 @ 15:49:36

#### **GENERAL INFORMATION:**

Formation: Miss.

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:53:46 Time Test Ended: 01:00:46 Test Type: Conventional Bottom Hole (Initial)
Tester: Eric Burgess

ester. Bic burges

Unit No: 80

Interval: 2809.00 ft (KB) To 3200.00 ft (KB) (TVD)

Reference ⊟evations:

1267.00 ft (KB) 1258.00 ft (CF)

Total Depth: 3200.00 ft (KB) (TVD)

KB to GR/CF:

9.00 ft

Hole Diameter: 7.88 inches Hole Condition: Fair

Serial #: 8369

Press@RunDepth:

176.60 psig @

ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2022.02.11 15:49:36 End Date: End Time: 2022.02.12 01:00:46

Time On Btm:

1899.12.30 2022.02.11 @ 17:52:36

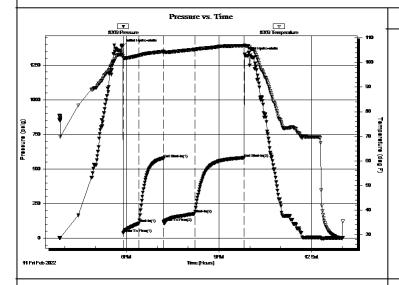
Time Off Btm:

2022.02.11 @ 21:49:26

TEST COMMENT: IF:Strong Build Blow Built to 47.11" (30)

ISI:No Blow Back

FF:Strong building Blow built to 127.62" (60) FSI:Weak surface Blow built to .5" but died off (90)



#### PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1386.30	102.63	Initial Hydro-static
2	36.61	101.94	Open To Flow (1)
32	107.29	102.84	Shut-In(1)
80	574.10	104.45	End Shut-In(1)
80	114.53	104.26	Open To Flow (2)
141	176.60	105.29	Shut-In(2)
236	580.82	106.84	End Shut-In(2)
237	1328.27	107.03	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	TS VSOGCM 85%M 15%G <1%O	0.00
60.00	OSGCM 90%M 10%G <1%O	0.46
240.00	GCM 85%M 15%G	1.83
33.00	M 100%M	0.44
0.00	63' GIP	0.00

#### Gas Rates

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

Trilobite Testing, Inc Ref. No: 67611 Printed: 2022.02.12 @ 01:40:43



## DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Raney Oil Corp.

Sec 6 34S 6E

4665 Bauer Brook CT. Law rence, KS. 66049 Jones 2D

Job Ticket: 67611

DST#: 1

ATTN: Thomas Raney

Test Start: 2022.02.11 @ 15:49:36

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 41.00 sec/qt Cushion Volume: bbl

Water Loss: 6.40 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1400.00 ppm Filter Cake: 0.20 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
0.00	TS VSOGCM 85%M 15%G <1%O	0.000
60.00	OSGCM 90%M 10%G <1%O	0.457
240.00	GCM 85%M 15%G	1.828
33.00	M 100%M	0.444
0.00	63' GIP	0.000

Total Length: 333.00 ft Total Volume: 2.729 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 67611 Printed: 2022.02.12 @ 01:40:43

Printed: 2022.02.12 @ 01:40:43

Serial #: 8369

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