KOLAR Document ID: 1663200

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: 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.xxxxxx)
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?
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)
Described	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
☐ Dual Completion         Permit #:	Location of fluid diagonal if bouled offsite.
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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: 1663200

#### 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)	Top Bottom	
,	,			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	Palmer Oil, Inc.
Well Name	KELLER 1-34 SWD
Doc ID	1663200

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	14.750	10.750	32.75	379	60/40poz	375	3%сс
Production	8.250	7.00	28	3872	D/H		1/2%flosel e



TICKET 35563

_	PAGE

Services, Inc.	СІТҮ,	CITY, STATE, ZIP CODE					PAGE	- 아
SERVICE/LOCATIONS/	CT NO.	LEASE No	COUNTY/PARISH	STATE	CITY		DATE	OWNER
2 / Noss L', 4 hs	SERVICE CONTRACTOR		RIG NAME/NO.	SHIPPED I	DELIVERED TO	no	ORDER NO.	
A. REFERBALLOCATION		WELL CATEGORY JOB	JOB PURPOSE		WELL PERMIT NO.	Ō	WELL LOCATION	
			(					
REFERENCE PART NUMBER	LOC ACCT	DF DESCRIPTION	TION		QTY. U/M	QTY. U/M	UNIT	AMOUNT
545	2	MILEAGE THE	1/10	9	10 M	-	as t	20 427
791		Pump Che	tope - long St	time	1 EA		1600000	600 00
100		D-Ain	,	(	3 600	-	00 141	126 00
120		CIONO	her		2000		03-50	000 000
10.		MUNTIL	36	S	00/100		2 8	000 000
401		(omont 13	ASKEY , S		1/ 800	N	350 00	700 00
407		Cutch Low	in Plug & KA	Elle	FA	-	300 00	300 00
409		Tubolizer	10th suce 101	40101	OFA	4	as 00/2	100 co
							130	1000
					_	_   _	_	
<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.	acknowledges and agrees to se side hereof which include, ELEASE, INDEMNITY, and	REMIT PAYMENT TO:		SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS?	AGREE	UNDECIDED DISAGREE	PAGE TOTAL	05 9/129
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.	3'S AGENT PRIOR TO	P.O. BOX 466		PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND DERECOMED TOR	Y?			
X		NESS CITY, KS 67560		AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			ТАХ	_
DATE SIGNED TIME	TIME SIGNED	785-798-2300		ARE YOU SATISFIED WITH OUR SERVICE?	MITH OUR SERVICE?  O YES ON O	□ NO	TOTAL	
SWIFT OPERATOR	ACCEPTANCE OF MATERIAL	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknow		s receipt of th	e materials an	ledges receipt of the materials and services listed on this ticket.	d on this ticket.	

SWIFT OPERATOR

APPROVAL

Thank You!



PRICE SECONDARY REFERENCE/ PART NUMBER PO Box 466 Ness City, KS 67560 Off: 785-798-2300 LOC ACCT ACCOUNTING PF TIME SERVICE CHARGE MILEAGE TOTAL WEIGHT CUSTOMER TICKET CONTINUATION DESCRIPTION LOADED MILES TIBM SETIM NO! CUBIC FEET QTY W/U QTY M/N DATE PRICE PAGE THUOMA 90

CONTINUATION TOTAL

DATE PAGE NO. SWIFT Services. Inc. **JOB LOG** CUSTOMER WELL NO. LEASE TICKET NO. CHART NO. RATE (BPM) VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING



				2000	A DE MANAGE			_						
Customer	PALMER OIL	COMPA	NY	Leas	se & Well #	KEL	LER SW	D 1-3	4			Date		8/31/2022
Service District	PRATT			Cou	nty & State	STA	FFORD I	KS	Legals S/T/R	34-21	S-14W	Job#		
Job Type	SURFACE	0	PROD			☑ SV	VD		New Well?	☑ YES	□ No	Ticket#		WP3302
Equipment #	Driver					J	ob Safe	ty An	alysis - A Discus	sion of Hazard	s & Safety Pr	THE RESERVE OF THE PERSON NAMED IN		
912	MATTAL	Ø.	Hard hat			☑ Glo	oves			□ Lockout/Ta	gout	□ Warning Sign	s & Flagging	
936	LESLEY	Ø I	H2S Monit	or		☑ Ey	e Protect	ion		□ Required Pe	ermits	□ Fall Protectio		
176/522	HARRISON	Ø 9	Safety Foo	twear		□ Re	spiratory	Prote	ection	□ Slip/Trip/Fa	ll Hazards	☐ Specific Job S	equence/Exp	ectations
523/533	FLORENCIO	Ø 1	FRC/Prote	ctive Clothir	ng	□ Ad	ditional	Chem	ical/Acid PPE	□ Overhead H		☐ Muster Point,	W	
		0 1	Hearing Pr	otection		□ Fire	e Extingu	iisher		□ Additional o	concerns or is	sues noted below		
									Cor	nments				
Product/ Service							77.84							
Code			D	escription					Unit of Measure	Quantity				Net Amount
CP071	60/40/2 POZMI	K C							SK	375.00			T	\$7,500.00
CP100	Calcium Chlorid	е							lb	969.00			1	\$726.75
CP120	Cello-flake				*		Jan 12 1 59		lb	94.00				\$164.50
M015	Light Equipmen	Mileag	е						mi	45.00				\$90.00
M010	Heavy Equipme	nt Milea	ige						mi	90.00				\$360.00
M020	Ton Mileage								tm	727.00				\$1,090.50
C060	Cement Blendin	g & Mixi	ing Service	•					sack	375.00				\$525.00
D010	Depth Charge: (	)'-500'							job	1.00				\$1,000.00
C035	Cement Data Ad	quisitio	n						job	1.00				\$250.00
R061	Service Supervi	sor							day	1.00				\$275.00
	2					500								
												199)		
								T						
		10.000	1 - MAN INVAN					T						
							100							
									**************************************					
	***													
Custor	mer Section: Or	n the foll	lowing sca	le how woul	ld you rate l	Hurrica	ne Servi	ces In	c.?				Net:	\$11,981.75
										Total Taxable	\$ -	Tax Rate:		$\sim$
	sed on this job,	3	Gely is it yo		commend	HSI to	a collea		nely Likely	used on new wel	s to be sales ta es relies on the above to make a	customer provided determination if	Sale Tax:	\$ - \$ 11,981.75
ERMS: Cash in advan	ce unless Hurrical	ne Servic	ces Inc. (HS	) has approv	ed credit prio	r to sal	e. Credit t	erms o	of sale for approved	HSI Represe	I invoice due or	Mike Matta		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 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 RSI. 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 services.

X	CUSTOMER AUTHORIZATION SIGNATURE
	SECTION OF STATE OF S



EMENT	TRE	ATMEN	T REP	ORT									
				OMPANY	Well:	KELLER SWD	1.24	WD2202					
		ST JOH						WP3302					
			N NO		County:	STAFFORD KS Date: 8/31/2022							
Field	d Rep:				S-T-R:	34-21S-14V	Service:	SURFACE					
Dow	nhole I	nformatio	on		Calculated Slu	rry - Lead	Calc	ulated Slurry - Tail					
	Size:		in		Blend:	60/40/2 POZMIX C	Blend:						
Hole I			ft		Weight:	14.8 ppg	Weight:	ppg					
Casing Casing D					Water / Sx:	5.2 gal / sx	Water / Sx:	gal / sx					
Casing L Cubing /		379.95	in		Yield:	1.21 ft <sup>3</sup> / sx	Yield:	ft³/sx					
	epth:		ft		Annular Bbls / Ft.: Depth:	bbs / ft.	Annular Bbls / Ft.: Depth:	bbs / ft.					
Tool / Pa			-		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls					
Tool E	epth:		ft		Excess:		Excess:	0 8613					
Displace	ment:		bbis		Total Slurry:	81.0 bbls	Total Slurry:	0.0 bbls					
			STAGE	TOTAL	Total Sacks:	375 sx	Total Sacks:	#DIV/0! sx					
	RATE	PSI	BBLs		REMARKS		Service of the servic						
0:45 PM					ON LOCATION								
1:10 PM 1:13 PM					CASING ON BOTTOM	K CIRCULATION WITH RIG							
11:22 PM	5.0	120.0	81.0	81.0	MIX 375 SKS 60/40/2 POZ								
11:45 PM	3.0	90.0		81.0	START DISPLACEMENT								
11:57 PM		100.0	36.0	117.0	PLUG DOWN, SHUT IN W	ELL							
				-									
				-	JOB COMPLETE, THANK	YOU!							
				-	MIKE MATTAL								
					KEVEN, MATT, & FLOREN	ICIO							
								**************************************					
				-									
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	$\dashv$						war attended to the second of	Mark to the second of the seco					
	$\rightarrow$			-									
				-									
		CREW		HIT HELD	UNIT		SUMMARY						
Cem	enter:	MATT	AL		912	Average Rate	Average Pressure	Total Fluid					
Pump Ope	erator:	LESL	EY		936	4.0 bpm	103 psi	117 bbls					
	ulk #1:		RISON		176/522								
В	ılk #2;	FLOR	ENCIO		523/533								

**OPERATOR** 

Company: Palmer Oil, Inc

Address: 3118 N. Cummings RD.

P.O. Box 399

Garden City, KS 67846

Contact Geologist: Josh Austin
Contact Phone Nbr: 620-546-3960
Well Name: Keller # 1-34 SWD

Location: 34-21s-14w, SW-NE-NE-NW

API: 15-185-24114-00-00

Pool: Field: Hickman

State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Keller # 1-34 SWD

Surface Location: 34-21s-14w, SW-NE-NE-NW

Bottom Location:

API: 15-185-24114-00-00

License Number:

Spud Date: 8/31/2022 Time: 2:00 PM

Region: Stafford County

Drilling Completed: 9/5/2022 Time: 5:00 AM

Surface Coordinates: 348' FNL & 1982' FWL

**Bottom Hole Coordinates:** 

Ground Elevation: 1939.00ft K.B. Elevation: 1952.00ft Logged Interval: 2900.00ft

Logged Interval: 2900.00ft To: 4300.00ft

Total Depth: 0.00ft Formation: Arbuckle

Drilling Fluid Type:

#### **SURFACE CO-ORDINATES**

Well Type: Vertical

Longitude:

Latitude:

N/S Co-ord: 348' FNL E/W Co-ord: 1982' FWL

#### **LOGGED BY**



Company: James C Musgrove Petroleum LLC

Address: 212 Main St./ P.O. Box 215

Claflin, KS 67525

Phone Nbr: 620-546-3960 620-786-0839

Logged By: Geologist Name: Joshua R. Austin

CONTRACTOR

Contractor: Duke Drilling Co., Inc.

Rig #: 7

Rig Type: Mud Rotary

 Spud Date:
 8/31/2022
 Time:
 2:00 PM

 TD Date:
 9/5/2022
 Time:
 5:00 AM

 Rig Release:
 9/6/2022
 Time:
 4:00 AM

**ELEVATIONS** 

K.B. Elevation: 1952.00ft Ground Elevation: 1939.00ft

K.B. to Ground: 13.00ft

#### **NOTES**

A PDC bit was used in the drilling of the Keller #1-34 SWD, 30' wet and dry samples from 2900'-RTD. 7" casing was set and cemented. See typed report for recommendations.

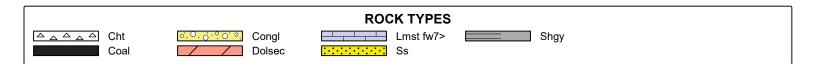
and comonica. Goo typed report for recommendations.

Respectfully Submitted,

Joshua Austin Petroleum Geologist

# Palmer Oil, Inc. well comparison sheet

		DRILLING	WELL			COMPARIS	SON WELL			COMPARIS	SON WELL		
	Keller #1-34 SWD					McGinty #2				McGinty #1			
							Struct	ural			Struct	ural	
	1952	KB			1945	5 KB	Relatio	nship	1938	KB	Relatio	nship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Anhydrite			846	1106	848	1097	8 - 15	9		100 201	5 S		
Heebner	3284	-1332	3286	-1334	3286	-1341	9	7			5 8		
Toronto	3305	-1353	3310	-1358									
Douglas	3323	-1371	3328	-1376			8 99			10	8		
Brown Lime	3405	-1453	3404	-1452			2 10			100			
Lansing	3416	-1464	3415	-1463	3415	-1470	6	7	3400	-1462	-2	-1	
Base KC	3636	-1684	3630	-1678									
Viola	3689	-1737	3692	-1740	3691	-1746	9	6	3676	-1738	1	-2	
Simpson Shale	3738	-1786	3745	-1793	3728	-1783	-3	-10	3718	-1780	-6	-13	
Arbuckle	3794	-1842	3800	-1848	3781	-1836	-6	-12	3764	-1826	-16	-22	
Total Depth	4192	-2240	4176	-2224	3785	-1840			3774	-1836			



#### **OTHER SYMBOLS**

#### **OIL SHOWS**

- Even Stn
- Spotted Stn 50 75 %
- Spotted Stn 25 50 %
- O Spotted Stn 1 25 %
- O Questionable Stn
- D Dead Oil Stn
- Fluorescence

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