### KOLAR Document ID: 1672006

Сс	onfiden	tiality Red	quested:
	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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
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 └ Gas └ DH └ EOR	Elevation: Ground: Kelly Bushing:
	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)
	Chloride content: ppm Fluid volume: bbls
Commingled     Permit #:      Dual Completion     Permit #:	Dewatering method used:
Dual Completion         Permit #:           SWD         Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposa if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. 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 III Approved by: Date:					

### KOLAR Document ID: 1672006

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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 (Attach Additional Sheets)		Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample	
			⁄es 🗌 No	1	Name	Э		Тор	Datum	
Samples Sent to Geological Survey Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No							
		Rep	CASING ort all strings set-c		] Ne	w Used rmediate, productio	on. etc.			
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement		# Sacks Used		Jsed Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone										
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three		
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas Mcf		Water Bbls. Gas-Oil Ratio			Gravity		
DISPOSITIO	N OF GAS:		METHOD OF			F COMPLETION:			PRODUCTION INTERVAL: Top Bottom	
Vented Sold (If vented, Subn	Used on Lease		Open Hole		Dually Comp.     Commingled       (Submit ACO-5)     (Submit ACO-4)		Bollom			
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At						
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	Crude Kin Oil Company, Inc.
Well Name	KOVER I-1
Doc ID	1672006

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	21	Portland	4	50/50 POZ
Production	5.675	2.875	10	554	Portland	68	50/50 POZ



						$\sim$				
CEMENT 1	<b>FREA</b>	TMEN'	T REPO	DRT	No. States					
Custor	mer: C	rude Ki	in Oil C	ompany, In	C Well:	Kover I-1	Ticket:	EP6137		
	-	ouisbu			County:	MI, KS	9/29/2022			
	Field Rep: Lane Town				S-T-R:	35-17-21	Date: Service:	Longstring		
TIEMI	rebi L	ane ro								
Downh	ole Inf	formatio	n		Calculated Si	ırry - Lead	Calc	ulated Slurry - Tail		
Hole S	ize:	5 5/8	in		Blend:	Econobond	Blend:			
Hole De		600			Weight:	13.52 ppg	Weight:	ppg		
Casing S		2 7/8			Water / Sx:	7.12 gal / sk 1.56 ft <sup>3</sup> / sk	Water / Sx: Yield:	gal/sk		
Casing De Tubing / Li		586	nt in		Yield: Annular Bbis / Ft.:	1,56 ft / 5k	Annular Bbis / Ft.:	bbs / ft.		
	pth:		ft		Depth:	ft	Depth:	ft		
Tool / Pac		baff			Annular Volume:	0.0 bbls	Annular Volume:	0 bbls		
Tool De	pth:	554.00	ft		Excess:		Excess:			
Displacem	ent:	3.21	bbis		Total Slurry:	18.89 bbls	Total Slurry:	0.0 bbls		
			STAGE	TOTAL	Total Sacks:	68 sks	Total Sacks:	0 sks		
	ATE	PSI	BBLs	BBLs	REMARKS					
1:30 PM	-		•		on location, held safety	meeting				
4	.0				established circulation					
	.0					Bentonite Gel followed by 4 b	bls fresh water			
4					mixed and pumped 68 s	ks Econobond cement, cemen	to surface			
4	.0			•	flushed pump clean					
1	.0				pumped 2 7/8" rubber plug to baffle with 3.21 bbls fresh water					
1	.0			•	pressured to 800 PSI, w	CALL IN THE REAL OF THE REAL O				
				•	released pressure to set	float valve				
4	.0			-	washed up equipment					
2:30 PM		_		-	left location					
				-						
				-						
				-						
				-						
	and a second	OBEW		-			SUMMAR	Y		
-	untorn	CREW	y Kenned		931	Average Rate		Total Fluid		
Ceme Pump Oper		Zantan 1993	Beets	iy	209	3.1 bpm	- psi	- bbls		
	Bulk:		n Katzer		248					
	H2O:		g Gipson		110					

Miami County, KS Well: Kover I-1 Lease Owner: Crude Kin Oil

### TDR Construction, Inc.Commenced Spudding:(913) 710-540009/28/2022

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	Soil-Clay	18
3	Gravel-Clay	21
8	Lime	29
8	Shale	37
5	Lime	42
17	Shale	59
6	Lime	65
36	Shale	101
17	Lime	1158
10	Shale	128
27	Lime	155
7	Shale	162
23	Lime	185
5	Shale	190
5	Lime	195
2	Shale	197
5	Lime	202
98	Shale	300
10	Sandy Shale	310
35	Shale	345
7	Sand	352
15	Lime	367
41	Shale	408
7	Lime	415
13	Shale	428
3	Lime	431
13	Shale	444
5	Lime	449
17	Shale	466
2	Lime	468
3	Shale	471
4	Lime	475
2	Shale	477
4	Sand	481
9	Sand	490
11	Sand	501
21	Sandy Shale	522
78	Shale	600-TD

## Short Cuts

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

### **TO FIGURE PUMP DRIVES**

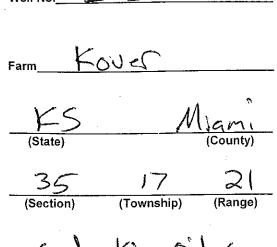
\* D - Diameter of Pump Sheave \* d - Diameter of Engine Sheave SPM - Strokes per minute RPM - Engine Speed R - Gear Box Ratio \*C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) +  $(D-d)^2$ 

\* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

# Log Book



For Cruscle Kin Oil Co (Well Owner)

15-121-31735

Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

Miam Kover \_\_ Farm: \_\_ County <u>\_</u>~\_/ State; Well No. \_\_ 876 Elevation\_ 28 q-Commenced Spuding 29 0 20<u>0</u>0 **Finished Drilling** Wes Driller's Name **Driller's Name** Driller's Name Farley LOUZ. Tool Dresser's Name **Tool Dresser's Name Tool Dresser's Name** e Contractor's Name 35 2 (Township) (Range) (Section) 70 9 \_ft. Distance from line, r 29 ft. Distance from line, 4 sacks Shis 5 5/8 borelole ر CASING AND TUBING 2 RECORD 10" Pulled 10" Set \_ 8" Set 8" Pulled

6¼" Pulled

Pulled 2" Pulled

4''

2

6¼" Set \_

4" Set \_

2" Set \_

### CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
586	F	loait			
554	R	KF/e	-		/
lov	->			244	<u> </u>
LOO	17	<b>)</b>		$\sim$ / $\iota$	·
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	Thickness of Strata 0 - 1% 3	Formation Soil-Clay	Total Depth	Remarks
	Strata 0-18 3		Total Depth	Remarks
	0-18	Soil-clay	Dopar	
	3		18	
		aravel-klay	21	
	8	Eime 1	29	
	- 3	Shell	37	
	5	Lime	42	
$\frac{1}{2} = \frac{1}{2}$	17	Shall	59	
	6	Lime	105	
	36	Shale	101	
	17	Lime	118	
	10	Shalp	128	
ч . У	27	Lime	155	
	7	Shale	162	
	23	Lime	185	
4. T	5	Sha e	190	
	5	Line	195	
	2	Shale	197	
	5	Lime	202	Herthy
÷	98	Shale	300	
· ·	10	Sandy Shale	310	
	35	Shale	345	
· .	7	sand	352	gas edor - slight oil Sh
	15	Line	367	gran and any and any
	41	Shale	408	
	7	1 un O	415	
	13	Shale	428	-
	3	Lime	431	•
	13	Shale Lime Shale	444	
		-2-		-3-

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			444	
	Thickness of Strata	Formation	Total Depth	Remarks
	_5	Lime	449	
	17	Shale	466	
•	2	Lime	468	
	3	Shale	471	
	<u> </u>	Lime	475	odol
	2	Shale	477	
		sand	481	no oil
		Sand	490	- gas- no gil show
	$-\frac{n}{2}$	Sand	501	- Breken-good Oil Show
	-21	Scholy Shall	522	
		Shark	600	10
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•			
•		429	
	Thickness of Formation	Total Depth	Remarks
	12 Shall	441	
	6 Lime	447	
	17 Shale	464	
	2 Lime	466	
	4 Shelf	470	
2	3 Lime	473	
	3 Sandy Shall	476	
	1 Savel	477	m Atl
	11 Savel	488	no Off
	9 sane	497	brown - gas adar - no oil Show
	23 Sandy Shale	520	broken-good Oil Show
	60 Shalle	540	
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