KOLAR Document ID: 1668269

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	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 Approved by: Date:				

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Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	Type of Cement		# Jacks Oseu		d Type and Percent Additives			
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:						N INTERVAL:				
☐ Vented ☐ Sold ☐ Used on Lease ☐ C						Dually Comp. Commingled		Bottom		
(If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)										
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Bridge Plug Type Set At			Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion		
Operator	TDR Construction, Inc.		
Well Name	MOLDENHAUER 106		
Doc ID	1668269		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	24	Portland	3	50/50 POZ
Production	5.625	2.875	8	842	Portland	93	50/50 POZ



CEMEN.	TTRE	ATMEN	T REP	DRT							
Cus	tomer:	TDR Cor	nstuctio	n	Well:	Moldenhauer	106 Ticket:	EP6003			
City,	Sity, State: Louisburg, KS			County:	FR, KS	Date:	9/19/2022				
Field Rep: Lance Town				S-TER: 32-15-21			Longstring				
		nformatio			Calculated Si			ulated Slurry - Tail			
	e Size:	5 5/8			Blend:	Econobond	Blend:				
	Depth:	860			Weight:	13.52 ppg	Weight:	ppg			
Casing	g Size:	2 7/8 842.8	-		Water / Sx:	7.12 gal / sk 1.56 ft³ / sk	Water / Sx:	gal / sk ft³ / sk			
Tubing /			in		Yield: Annular Bbls / Ft.:	bbs/ft.	Yield: Annular Bbls / Ft.:	bbs / ft,			
	Depth:		ft			ft	Annular bols / Ft.: Depth:	ft ft			
Tool / P		baff			Depth: Annular Volume:	0.0 bbls	Annular Volume:	0 bbls			
	Depth:	810.10			Excess:	O.O DDIS	Excess:	O DDIS			
Displace		4.69			Total Siurry:	25.84 bbls	Total Slurry:	0.0 bbls			
			STAGE	TOTAL	Total Sacks:	93 sks	Total Sacks:	0 sks			
TIME	RATE		BBLs	BBLs	REMARKS						
2:30 PM	1		-		on location, held safety	meeting					
				•							
				•	waited for rig to finish ru	nning casing and move					
				-							
	4.0			-	established circulation						
	4.0			-	mixed and pumped 200#	Bentonite Gel followed by 4 b	bls fresh water				
	4.0			-	mixed and pumped 93 sl	s Econobond cement, cement	to surface				
	4.0				flushed pump clean	flushed pump clean					
	1.0			•		pumped 2 7/8" rubber plug to baffle with 4.69 bbls fresh water					
	1.0			*	pressured to 800 PSI, we						
					released pressure to set	float valve	pat valve				
	4.0			•	washed up equipment						
3:45 PM				-	left location		manuar r r				
3.43 FW					1611 IOCALIOII						
			1	-							
				•							
				-							
			-								
						•					
				-				<u> </u>			
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	<u> </u>			-							
				-		· · · · · · · · · · · · · · · · · · ·					
		CREW			UNIT		SUMMAR	Y			
	menter:	Case	/ Kenned	у	931	Average Rate	Average Pressure	Total Fluid			
Pump Op		Nick I			209	3.1 bpm	- psi	- bbis			
	Bulk: H2O:		tt Scott Detwiler		248 124						
	HZQ:	Veigi	PerMilel		164						

Lease Owner: TDR

WELL LOG

Thickness of Strata	Formation	Total Depth 13	
0-13	Soil-Clay		
67	Shale	80	
26	Lime	106	
8	Shale	114	
9	Lime	123	
4	Shale	127	
19	Lime	146	
38	Shale	184	
21	Lime	205	
78	Shale	283	
27	Lime	310	
6	Shale	316	
10	Lime	326	
19	Shale	345	
1	Lime	346	
40	Shale	386	
7	Lime	393	
2	Shale	395	
13	Lime	408	
8	Shale	416	
25	Lime	441	
2	Shale	443	
5	Lime	448	
2	Shale	450	
6	Lime	456	
6	Shale	462	
3	Lime	465	
113	Shale	578	
12	Sand	590	
27	Shale	617	
4	Sand	621	
15	Shale	636	
7	Lime	643	
9	Shale	652	
4	Lime	656	
6	Shale	662	
8	Lime	670	
13	Shale	683	
6	Lime	689	
6	Shale	695	

TDR Construction, Inc. Commenced Spudding: (913) 710-5400 Commenced Spudding: 09/16/2022 (913) 710-5400

10	Lime	705
15	Shale	720
13	Lime	733
6	Sand	739
12	Sand	751
3	Sand	754
3	Sand	757
13	Sandy Shale	770
90	Shale	860-TD
1	ı	I .

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.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) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

VOLTS

746 WATTS equal 1 HP

Log Book

Well No. Farm Molderhaus (Township)

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

2" Set _____

2" Pulled _____

- (*)		Total	
Thickness of Strata	Formation	Depth	Remarks
0-13	Soil/Chay	13	4
67	Shale	50	
26	Line	106	
8	Shale,	114	
9	Cine	123	
4	Shake	127	
19	Line	146	
38	Shale	184	
21	Line	205	
78	Shake	283	
27	Line	310	
6	Shale	1316	
10	Une	326	
19	Share	45	345
7	Cim-	346	
40	Shake	386	
7	Line	393	
2	Shale	395	
13	Line	408	
8	Shale	416	
15	Cime	441	
2	Shak	443	
5	Line	448	
\overline{a}	3 hale	450	
6	Lime	454	Hertha
G	Sheh	462	
3	Line	465	

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	Cime	465	
Thickness of Strata	Formation	Total •	Remarks
113	Shale	578	
12	s Sand	590	Slight odor. Nosil show
27	5 hale	617	
4	SAND	636	No oil
15	500le	636	
7	Line	643	
Q	Shale	652	
4	Line	65ke	
6	Shak	662	
13	Line	670	
13	5hale	693	
<u> </u>	Line	689	
10	Shale	695	: :
	Line	705	
15	Shale	720	
13	Line	733	
(a)	Sand	739	Broken. Little oil show
12	Sand	751	Broken Good oil show
3	Sand	754	Broken. Ok oil show
	Sand	757	Broken. Lith oil show
13	Sandy Shale Shale	770	
90	5hale	860	T D
		¥.	·
<u> </u>			

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