KOLAR Document ID: 1555368

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
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	·
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Producing Formation: Kelly Bushing: Elevation: Ground: Kelly Bushing: 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? Yes No
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (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 #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R EastWest
Spud Date or Date Reached TD Completion Date or 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 erature, 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	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia 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 Mcf	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
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug 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	WISEMAN 4
Doc ID	1555368

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9	6.25	12	20	Portland	3	50/50 POZ
Production	5.625	2.875	6.5	924	Portland	111	50/50 POZ

Franklin County, KS TDR Construction, Inc. Well:Wiseman 4 (913) 710-5400 Commenced Spudding: 1/20/2021 Lease Owner:TDR Construction

15-059-27277-00-00

WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	soil clay	7
15	lime	22
164	shale	186
25	lime	211
6	shale	217
12	lime	229
5	shale	234
17	lime	251
14	shale	265
39	lime	304
80	shale	384
24	lime	408
13	shale	421
7	lime	428
25	shlae	453
23	sand & lime	476
2	lime	478
11	shale	489
8	lime	497
3	shale	500
12	lime	512
9	shale	521
24	lime	545
4	shale	549
3	lime	552
3	shale	555
7	lime	562 Hertha
7	shale	569
9	sandy shale	578
105	shale	683
10	sand	693 No oil
9	sandy shale	702
39	shale	741
9	lime	750
5	shale	755
7	lime	762
2	shale	764
9	lime	775
11	shale	786
4	lime	790

Franklin County, KS TDR Construction, Inc.
Well:Wiseman 4 (913) 710-5400 Commenced Spudding: 1/20/2021
Lease Owner:TDR Construction

4	shale	794
1	lime	795
2	shale	797
3	lime	800
2	shale	802
6	lime	808
16	shale	824
3	lime	827
9	shale	836
12	sand	848 Good saturation
3	sand	851
9	sandy shale	860
60	shale	920 T.D.
		· · · · · · · · · · · · · · · · · · ·

Log Book

Well No.

Farm Wise Man

For TOR Construction
(Well Owner)

(Section)

(Township) (Range)

8

(State)

(County)

Town Oilfield Services, Inc. 1207 N. 1st East

Louisburg, KS 66053 913-710-5400

CASING AND TUBING MEASUREMENTS

Wiseman Farm: Franklin

County

	-																-4	
										3-7/8"		43044	-	100D	4	2750	A ROBERT	Feet
L	-									0	9		1.			1		ī.
										Sing.		ID.	0	100		たるな	MAST	Feet
L	-												-	Ò		书	B	'n
													(3		6)	Feet
							0.5											n.

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	I	W	W	カ	Se	ما	بو	W	000	11	S)	w	SS	1	W	20	8	359	ュ	17	5	ū,	6	25	154	15	Q - ~	Thickness of Strata
-2-	C.MC	Shake	line	Shark	C1247	Shak	Cine	Shik	Line	Shake	Cinc	Sund + Line	Shak	line	Shak	5	Shake	つえ	Spale	Line	5hale	Cine	51m/2	lime	Shele	line 1	5011/Chay	Formation
	563	555	253	549	545	185	212	1500	497	184 184	478	476	43.3	REH	يق	408	485	304	365	38	155C	SEC.	11E	2	186	33	7	Total Depth
ىئ	Hertina																											Remarks
Ļ								3																				narks

-4-	60 Shale 920. TE	Surdy Stake	2000 821:	2 848 C	Stude	Line	Shak	D Shik gos	3 (im 800	2 Shuk 747	1 Lime 705	4 Shope 794	4 Cime 790	11 Shake 786	9 Lime 775	State	7 Line 762	5 Shuke 755	9 Line 750	(6)	MAIS Y		A Ant A	105 201 120	Sin	Shak 56 Sundy Shake 57
φ	2		Water Brancher Order	Sea Saturation, Geo oil Sho																	ē ē	92				



Calculated Slurry - Lead TDR Construction Woll: Wiseman 3, 4 Ticket: EP1279 Wiseman 3, 4 Ticket: EP1279 Fig. 1	3
Field Rep: Lance Town S-T-R: 30-15-21 Service: longstring	3
Field Rep: Lance Town S.T.R: 30-15-21 Service: longstring	B
D ≼3 winhole Information Calculated Slurry - Lead Calculated Slurry - Lead	
D ←3 winhole Information Calculated Slurry - Lead Calculated Slurry - Lead	
բլ ale Size: 5 5/8 in Blend: 50/50/2 Blend:	
Hole: Oepth: 940 ft Weight: 14,25 ppg Weight: ppg	
Case and Size: 2.7/8 In Water / Sx: 5.83 gal / sx Water / Sx: gal / sx	
Casics 9 Depth: 924 ft Yield: 1.24 ft ³ /sx Yield: ft ³ /sx	
Tubirs≤/ Liner: In Annular Bbls / Ft.: bbs / ft. Annular Bbls / Ft.: bbs / ft. Dopth: ft Dooth: ft	
Packer haffle	
To al Depth: ARZ M	
or to compati \$ 16 bbis	
STACE TOTAL	
STAGE TOTAL Total Sacks: 228 sx Total Sacks: 0 sx TIME RATE PSI BBLs BBLs REMARKS	
11:30 AM on location, held safety meeting	
4.0 #3 - established circulation	
4.0 - mixed and pumped 200# Bentonite Gel followed by 5 bbls fresh water	
4.0 - mixed and pumped 115 sks 50/50 Pozmix cement with 2% Bentonite per sk, cement to surface	
4.0 flushed pump clean	
1.0 - pumped 2 7/8" rubber plug to baffle with 5.16 bbls fresh water	
pressured to 800 PSI	
- well held pressure, released pressure to set float valve	
4,0 - washed up equipment	
4.0 #4 - established circulation	
4.0 mixed and pumped 200# Bentonite Gel followed by 5 bbls fresh water	
4.0 mixed and pumped 111 sks 50/50 Pozmix cement with 2% Bentonite per sk, cement to surface	
4.0 Bushed pump clean	
1.0 pumped 2 7/8" rubber plug to baffle with 5.06 bbls fresh water	
pressured to 800 PSI	
well held pressure, released pressure to set float valve	
4.0 washed up equipment	
CREW UNIT SIMMARY	D. Strokerson
Casey Kennedy 80	Se Til
Garratt Scott 139	
Pump deviator: Garrett Scott 239 3.5 bpm pei bbis Buik Alan Mader 248	
H2O:	