KOLAR Document ID: 1315058

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:	
Address 2:	Feet from North / South Line of Section
City:	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.xxxxxx) (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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	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 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: 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)
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 #:	Location of fluid disposal if fladica offsite.
GSW Permit #:	Operator Name:
_	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:						

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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 Taken Yes No Log For (Attach Additional Sheets)					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	# Oduks Useu					
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	nod:		Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Gas Lift Other (Explain) Mcf Water Bbls. 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 Bridge Plug Acid, Fracture, Shot, Cementing Squeeze I (Amount and Kind of Material Used)		Record				
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion	
Operator	R.T. Enterprises of Kansas, Inc.	
Well Name	SOUTH FIEHLER BW-2	
Doc ID	1315058	

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	658-664	2' DML RTG	6

Form	ACO1 - Well Completion	
Operator	R.T. Enterprises of Kansas, Inc.	
Well Name	SOUTH FIEHLER BW-2	
Doc ID	1315058	

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9	7	10	20	Portland	3	50/50 POZ
Production	5.625	2.875	8	730	Portland	130	50/50 POZ

Lease Owner: R.T.

WELL LOG

Thickness of Strata	Formation	Total Depth
0-13	Soil-Clay	13
21	Lime	34
8	Shale	42
12	Lime	54
4	Shale	58
20	Lime	78
42	Shale	120
17	Lime	137
3	Shale	140
16	Sand	156
59	Shale	215
23	Lime	238
7	Shale	245
8	Sandy Shale	253
11	Shale	264
6	Lime	270
24	Shale	294
5	Lime	299
13	Shale	312
2	Lime	314
16	Shale	330
21	Lime	351
9	Shale	360
23	Lime	383
4	Shale 3	
4	Lime	391
3	Shale	394
5	Lime	399
115	Shale	514
12	Sand	526
29	Shale	555
2	Lime	557
7	Shale	564
7	Lime	571
7	Shale	578
8	Lime	586
7	Coal-Slate	593
7	Lime	600
14	Shale	614
3	Lime	617

Lease Owner: R.T.

Franklin County, KS Town Oilfield Service, Inc. Commenced Spudding: Well:S. Fiehler BW-2 (913) 294-2125

8/12/16

		
7	Shale	624
11	Lime	635
9	Shale	644
2	Shale & Lime	646
4	Shale	650
2	Lime	652
2	Shale	654
3	Sandy Shale	657
1	Sand	658
1	Sand	659
18	Core	677
35	Shale	712
12	Sand	724
36	Sandy Shale	760-TD
<u> </u>		

	Core	
		659
1	Sand	660
7	Sand	667
10	Sandy Shale	677

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

TO FIGURE AMPS:

WATTS = AMPS **VOLTS**

746 WATTS equal 1 HP

Log Book

BW-2

Farm South Fiehler

For R.T. Enterprises (Well Owner)

API

15-059-27109

Town Oilfield Services, Inc.

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

South Fighted Farm: Franklin County ICS State; Well No. BW-2	CASI	NG AN	ND TUBING	MEAS	UREMENTS	
Elevation 968	Feet	ln.	Feet	ln.	Feet	ln.
Commenced Spuding 8-12 2016	699.	25	Bal	1/	<u> </u>	
Finished Drilling 8-16 2016 Driller's Name Wesley Dollard	730.	75	F(٥c		
Driller's Name	760 1	7			7/	/
Driller's Name				d	1/8	
Tool Dresser's Name Ryan Ward	· .					
Tool Dresser's Name						
Tool Dresser's Name	3/4		214	56	Having	1/19-6
Contractor's Name			9.50)er /	
8 16 21						
(Section) (Township) (Range) Distance from 5 line, 2970 ft.						
Distance from E line, 4970 ft. Distance from E line, 4950 ft.						
- Andrews						
20 18 23. 1						
10 hrs	•					··-
1 co(e						
55/8 borehole]		
CASING AND TUBING						
RECORD						
	,					
10" Set 10" Pulled						
8" Set 8" Pulled						
78%" Set 6¼" Pulled						
4" Set 4" Pulled						

-1-

2" Set _

2" Pulled __

Thickness of Strata	Formation	Total Depth	Remarks
0-13	Soil-clay	13	
21	lime !	34	·
8	Shalt	42	:
12	Lime	54	
4	Shale	58	
20	Lime	78	
42	Shale	120	redbed
17	Lime	137	
3	Shale	140	
16	Sand	156	no Gi)
59	Shelt	215	· .
23	lime	238	
	Shale	245	
8	sandy shell	255	
	3hale	264	
6	lime	270	
24	Shale	294	
	LIME	299	
13	Shalt	3/2	
2	Lime	314	
16	Shale	330	
21	Lime	351	
9	5hall	360	
23	lime	207	
4	Shale	387	
<u> </u>	Lime	394	
	Shale	13.19	

-2-

-3-

30	ìY
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		-19	ALI
Thickness of Strata	Formation	Total Depth	Remarks
5	Lime	399	Hertha
115	Shale	514	
12	Sand	5260	no Oi
29	Shale	555	
2	Lime	557	
7	Shal-C	564	
7	Lime	571	
7	Shale	578	
46	Lim-e	586	
7	coal-slate	593	
7	line	600	
14	Shale	614	
3	Lime	617	
7	Shale	624	Coal
11	Lime	635	
9	Shalf	644	
2	Shale & lime	646	
4	Shale	650	
2	Lime	652	
2	Shale	654	
3	sand, shele	657	odor
	Sand	658	10 01
	Sand	659	broken Oil -good saturation
18	COSE	677	Pase 8-9
35	Shele	7/2	
12	Sand	724	brown no oil show
36	sandy shale	760	TD
	-}-		-5-

Thickness of Strata	Formation	Total Depth	Remarks
	Core	1	
		,	
		659	
	Sangl	660	Solid- good saturation
7/0	sand	667	broken - Jaminated sand & state
	sandy shell	611	moil [good oil in savel
51 51.			

-8-

-9-

Town Office Service

P.O Box 339 Louisburg, Ks 66053 913-837-8400

Ticket Number
Location
Foreman

Field Ticket & Treatment Report

Date	Customer#	Well Na	me & Ni	ımber	Section	Township	Range	County
8-16-16	50	with Fig	ehler	/3W-2	8	16	21	FR
Customer	ir 19 ⁹ - 	The second secon		Mailing Addre				· · · · · · · · · · · · · · · · · · ·
i delektrik da ja selektrik salas kan	PH/10770 Democratic Community of the Com		,		شنطبه (، سرودا و الجياب ميلا ينسب جيديت .			
				City		State	Zip Code	
,	21	سى سىلاسىيو	/_	L				1/-
	Story Holes							
lasing Depth_2	Drill Pipe	e	Tub	ing	 ,	Other	and the first place of the same of the first party for a party of the same of the same of the same of the same	named to the first payment of the
Displacement	Displace	ement PSI	1\	Yix PSI		Rate	والمراوات والمتأومة المراوات المجاورة والمجاورة والمجاورة والمجاورة والمجاورة والمجاورة والمجاورة والمجاورة والم	And the second s
Remarks								
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	Quantity or	Units	Desci Pump Cerne	ription of So Charge ent Truck r Truck	ervices or	Product	Unit Price	Total 600 250
count Code	Quantity or	Units	Desci Pumi Ceme Wate	ription of So Charge ent Truck r Truck	ervices or	Product	Unit Price	Total 600 250
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	Quantity or	Units	Desci Pump Ceme Wate Ceme Gel	ription of So Charge ent Truck r Truck	ervices or	Product	Unit Price	Total 600 250 150 1202

Title Date

Lacknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.