

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

State Geological Survey

WICHITA BRANCH

DOCKET NO. NP

Compt

11-9-17W

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C ☒ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run_____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 8925 EXPIRATION DATE 8-84

OPERATOR Liberty Operation & Completions API NO. 15-163-22,181

ADDRESS 308 West Mill COUNTY Rooks

Plainville, Ks 67663 FIELD _____

** CONTACT PERSON Charles G. Comeau PROD. FORMATION Arbuckle

PHONE 913-434-4686 _____ Indicate if new pay.

PURCHASER Farmland Industries, Inc. LEASE Oswald

ADDRESS P.O. Box 7305 WELL NO. #4

Kansas City, Missouri 64116 WELL LOCATION SW SE SW

DRILLING Pioneer Drilling Company 330 Ft. from S Line and

CONTRACTOR 308 West Mill 1650 Ft. from W Line of

ADDRESS Plainville, Ks 67663 the (Qtr.) SEC 11 TWP 9s RGE 17(W)

PLUGGING _____ WELL PLAT _____ (Office

CONTRACTOR _____ Use Only)

ADDRESS _____ KCC ☒

TOTAL DEPTH 3520' PBTD 3490' KGS ☒

SPUD DATE 10-18-83 DATE COMPLETED 11-11-83 SWD/REP _____

ELEV: GR 2033 DF 2036 KB 2038 PLG. _____

DRILLED WITH ~~(CABLE)~~ (ROTARY) ~~(AIR)~~ TOOLS. _____ NGPA _____

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 280' DV Tool Used? No.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2 barrels 15% I.N.S., 5% checker sol., retreated 200 gallons	3461-3463
250 gallons 15% I.N.S., 5% checker sol. 15% I.N.S., 5% checker sol.	3442-3446
5% checker sol.	

Date of first production <u>11-11-83</u>	Producing method (Howing, pumping, gas lift, water) <u>Pumping</u>	Gravity
Estimated Production-I.P. <u>50</u>	Oil Gas Water % 0	Gas-oil ratio bbls. CFPB
Disposition of gas (vented, used on lease or sold)		

Perforations

59551

ACO-1 Well History

Side TWO

OPERATOR Liberty Operations & Completions LEASE NAME Oswald SEC 11 TWP 9S RGE 17 (W) ~~XXX~~

FILL IN WELL INFORMATION AS REQUIRED; WELL NO #4

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<u>X</u> Check if no Drill Stem Tests Run.			TOPS	
Check if samples sent Geological Survey.			ANHYDRITE	1308 (+730)
			TOPEKA	2911 (-873)
			HEEENER	3126 (-1088)
			TORONTO	3147 (-1109)
			LANSING/KC	3167 (-1129)
			BASE/KC	3410 (-1372)
			ARBUCKLE	3440 (-1402)
sand and shale	0'	280'		
shales	280'	325'		
shales	325'	449'		
shales	449'	916'		
sand and shale	916'	1310'		
anhydrite	1310'	1348'		
shale	1348'	1385'		
shale	1385'	1478'		
shale	1478'	1709'		
sand and shale	1709'	2008'		
shale and lime	2008'	2280'		
shale	2280'	2500'		
shale	2500'	2680'		
shale and lime	2680'	2872'		
shale and lime	2872'	2984'		
lime and shale	2984'	3095'		
shale and lime	3095'	3204'		
shale and lime	3204'	3300'		
lime and shale	3300'	3356'		
shale and lime	3356'	3389'		
shale	3389'	3450'		
arbuckle	3450'	3470'		
arbuckle	3470'	3520'		
	3520'	R.T.D.		

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or ~~XXXXXX~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface Casing	12 1/4"	8 5/8"	20#	280'	60-40pos	160	2%gel 3%cc
Production	7 7/8"	5 1/2"	14#	3512'	60-40pos	175	2%gel 3%cc

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 per 1'		3461-3463
TUBING RECORD			4 per 1'		3442-3446
Size	Setting depth	Pecker set at			
2 7/8"	3482'				

** The person who can be reached by phone regarding any questions concerning this