

RELEASED

STATE CORPORATION COMMISSION OF KANSAS
10/28/87 GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
FROM CONFIDENTIAL ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5135
Name John O. Farmer, Inc.
Address P.O. Box 352
Russell, KS 67665
City/State/Zip

Purchaser

Operator Contact Person Margaret A. Schulte
Phone (913) 483-3144

Contractor: License # 5135
Name John O. Farmer, Inc.

Wellsite Geologist Sam L. Farmer
Phone (913) 483-3144

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

12-5-86 12-14-86 12-15-86
Spud Date Date Reached TD Completion Date

4195'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 290 feet
Multiple Stage Cementing Collar Used? Yes ☒ No

If yes, show depth set feet

If alternate 2 completion, cement circulated
from 290 feet depth to surface 160 SX cmt
Cement Company Name Allied Cementing Co., Inc.
Invoice # 47739

SIDE ONE

API NO. 15-179-20,880

County Sheridan

SE NW NE Sec 33 Twp 8S Rge 29 East
West

4290 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

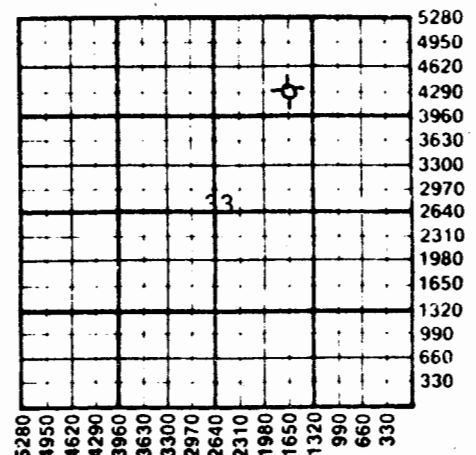
Lease Name K & L Farms Well # 1

Field Name (Wildcat)

Producing Formation

Elevation: Ground 2832' KB 2837'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #

☒ Groundwater 4350 Ft North from Southeast Corner
1650 Ft West from Southeast Corner of
Sec 33 Twp 8S Rge 29 East ☒ West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name John O. Farmer, Inc. Lease Name..... K & L Farms Well #...1.....

Sec..... 33 Twp..... 8S Rge..... 29 ☐ East ☒ West County..... Sheridan

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Sand	0'	200'
Blue Shale	200'	290'
Shale	290'	2186'
Sand	2186'	2260'
Red Bed	2260'	2439'
Anhydrite	2439'	2497'
Shale	2497'	3500'
Lime	3500'	3625'
Lime & Shale	3625'	3815'
Lime	3815'	4195'

DST #1 3955-85'
Tool open 45-45-30-30 - strong blow
Rec: 120' drilling mud
326' muddy water
IFP: 72-145
FFP: 197-228
BHP: 1246-1226

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	2458	(+379)
Base/Anhy.	2494	(+343)
Howard	3610	(-773)
Topeka	3694	(-857)
Heebner	3902	(-1065)
Toronto	3925	(-1088)
Lansing	3940	(-1103)
B/KC	4186	(-1349)
L.T.D.	4196	(-1359)

DST #2 4006-30'
Tool open 45-45-45-45 - strong blow
Rec: 124' gas
64' clean gassy oil
120' oilcut muddy water (10% oil)
705' water
IFP: 103-280
FFP: 342-404
BHP: 789-560

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"		290'	60/40 Pn	160	2% gel 3% C.C.

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No

Date of First Production Producing Method
☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR John O. Farmer, Inc. LEASE NAME K & L Farms #1 SEC. 33 TWP. 8S RGE. 29WFILL IN WELL LOG AS REQUIRED:

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
DST #3 4046-84' Tool open 45-45-60-60 - strong blow Rec: 256' gas 124' clean gassy oil 576' muddy water IFP: 82-165 FFP: 228-331 BHP: 1112-1070 DST #4 4080-4135' Tool open 45-45-30-30 - weak blow Rec: 70' slightly oilcut mud (3% oil) IFP: 72-72 FFP: 72-72 BHP: 103-93				