

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 8925
name Liberty Operations & Completions
address 308 West Mill
City/State/Zip Plainville, Ks 67663

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: license # 5665
name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin Adams
Phone 913-628-6698

PURCHASER Farmland Industries, Inc.

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

9-14-84 9-22-84 10-12-84
Spud Date Date Reached TD Completion Date
3912' 3755'
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 8 5/8" @ 259' feet

Multiple Stage Cementing Collar Used? Yes No

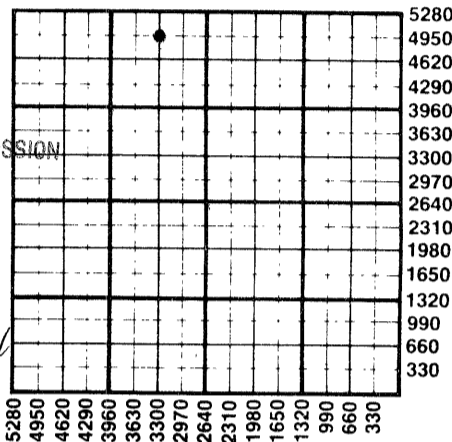
If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 1600' feet depth to surface w/ 275 SX cmt
perforate 60-40 poz
3% gel
75 sxs quick
set

API NO. 15 - 163-22,470-00-00
County Rooks
C N/2 NE NW Sec 21 Twp 6S Rge 20 East
(location) West
.4950... Ft North from Southeast Corner of Section
3300... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Fischli Well# 1
Field Name TODD NE
Producing Formation Arbuckle
Elevation: Ground 2210' KB 2215'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

OCT 25 1984

CONSERVATION DIVISION
Wichita, Kansas

10-25-84

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and
(Well) ... Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water... Ft North From Southeast Corner and
(Stream, Pond etc.)... Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal
 Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 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.

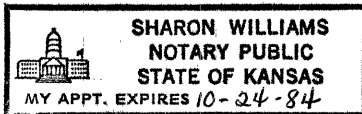
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature Charles G. Comeau
Title Petroleum Geologist Date

Subscribed and sworn to before me this 22nd day of October 19 84

Notary Public Sharon Williams
Date Commission Expires Sharon Williams



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 21 Twp. 6 Rge. 20W

SIDE TWO

Operator Name Liberty Operations & Completions Lease Name Fischli Well# 1 SEC 21 TWP. 6s RGE. 20 East West

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

Formation Description
 Log Sample

LOG TOPS:

ANHYDRITE 1824 (+391)
 TOPEKA 3221 (-1006)
 HEEBNER 3423 (-1208)
 TORONTO 3445 (-1230)
 LANSING/KC 3459 (-1244)
 BASE/KC 3653 (-1438)
 ARBUCKLE 3697 (-1482)

Name	Top	Bottom
shale and sand	0'	260'
shale and sand	260'	568'
shale and sand	568'	1316'
sand and shale	1316'	1822'
anhydrite	1822'	1851'
anhydrite	1851'	1874'
shale	1874'	2257'
shale	2257'	2650'
shale	2650'	2906'
shale	2906'	3121'
shale and lime	3121'	3307'
shale and lime	3307'	3421'
shale and lime	3421'	3450'
shale and lime	3450'	3454'
shale and lime	3454'	3528'
shale and lime	3528'	3607'
shale and lime	3607'	3626'
shale and lime	3626'	3680'
shale and lime	3680'	3700'
shale and lime	3700'	3718'
arbutckle	3718'	3905'
arbutckle	3905'	3912'
	3912'	R.T.D.

DST #1

3370-3421, 30-30-60-60, IF 84-143, FF 185-235, SI 1025-1050, Blow-weak to fair slowly increased throughout test. Recovered 540' muddy water

DST #2

3420-3450, 30-30-5-0, IF 42, FF 47, SI 336, Blow-weak, died in 5 minutes, flushed weak return died in 5 minutes, 2nd open-no blow, Recovered 10' mud.

DST #3

3455-3528, 30-30-30-30, Blow-good throughout, IF 117-294, FF 353-446, SI 1192-1192. Recovered 960' muddy water.

DST #4

3598-3626, 30-30-30-30, Blow, IF weak, died in 15 minutes, FF very weak, died in 5 minutes, flushed tool, no return. IF 33-33, FF 33-33, SI 42-42. Recovered 10' mud.

DST #6

3703-3718, 30-30-10-0, Blow weak, died in 25 min., FF no blow, flushed, no return, pulled tool. IF 42, FF 42 SI 227. Recovered 60' oil spotted mud.

DST #5

3676-3700, 30-30-30-30, Blow IF good blow increased to 18" in 15 minutes, FF good, 18" in 5 minutes. IF 67-109, FF 143-168, SI 966-966, Rec. 300' gas, 360' clean oil.

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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 Casing	12 1/4"	8 5/8"	20#	259'	60-40pos	145	2%gel 3%cc
Production	7 7/8"	4 1/2"	10.5#	3768.16'	60-40pos	150	2%gel 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
Total of 9 holes	3697-3707			250 gallons, 15% I.N.S.			3697-3707
squeeze	3697-3707			100 sacks common			3697-3707
2. per foot	3694-3700			250 gallons, 15% I.N.S.			3694-3700
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
10-12-84		<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	27 Bbls	MCF	3 Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

3694-3700