

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 # 18925
Name Liberty Operations & Completions
Address 308 West Mill Inc.
City/State/Zip Plainville, Ks 67663

Purchaser Farmland Industries, Inc.

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

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
2-21-85 3-01-85 3-8-85
Spud Date Date Reached TD Completion Date
3750' 3726'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 8 5/8" @ 286' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1644' feet
If alternate 2 completion, cement circulated
from 1644' feet depth to surface w/ 350 SX cmt
50-50 poz, 6% gel

API No. 15- 163-22,591 - 00-00
County Rooks
C N/2 N/2 NW Sec 21 Twp 6S Rge 20 East West

4950 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

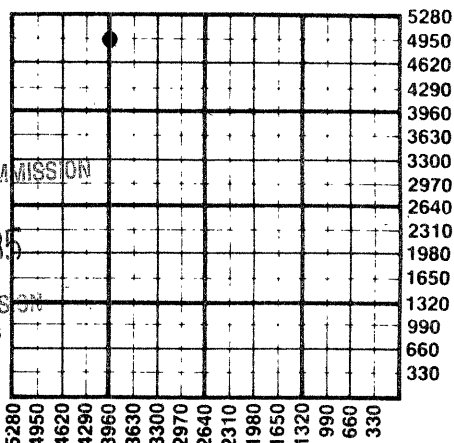
Lease Name Fischli Well # 3

Field Name TODD, N.E.

Producing Formation Arbuckle

Elevation: Ground 2211' KB 2216'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-38314 C-21,862

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

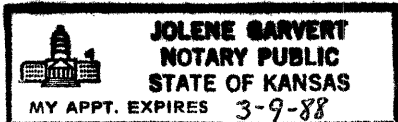
Source of Water: Farm Pond
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in 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. Rule 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 3-13-85

Subscribed and sworn to before me this 13th day of March 1985
Notary Public Jolene Garvert
Date Commission Expires 3-9-88



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

Sec 21, Twp 6S, Rge 20W

SIDE TWO

Operator Name Liberty Operations & Completions Inc. Lease Name Fischli Well # 3

Sec. 21 Twp. 6S Rge. 20 East West County Rooks

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 1820 (+396)
 Topeka 3219 (-1003)
 Heebner 3420 (-1204)
 Toronto 3442 (-1226)
 Lansing/KC 3454 (-1238)
 Base/KC 3650 (-1434)
 Arbuckle 3685 (-1469)

Name	Top	Bottom
sand and shale	0'	287'
sand and shale	287'	590'
sand and shale	590'	1522'
sand	1522'	1545'
sand and shale	1545'	1660'
sand and shale	1660'	1660'
lost circulation	1660'	1660'
shale	1660'	1825'
anhydrite	1825'	1855'
shale	1855'	1861'
shale and lime	1861'	2208'
shale and lime	2208'	2510'
shale and lime	2510'	2760'
lime and shale	2760'	2869'
lime and shale	2869'	3088'
lime and shale	3088'	3255'
lime and shale	3255'	3408'
lime and shale	3408'	3500'
lime and shale	3500'	3582'
lime and shale	3582'	3665'
lime and shale	3665'	3730'
arbuckle	3730'	3750'
	3750'	R.T.D.

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#	286'	60-40pos	200	3%cc 2%gel	
Production	7 7/8"	4 1/2"	10.5#	3749'	60-40pos	150	10% salt 5% gel sonite	
"	"	"	"	"	50-50pos	350	6%gel	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth		
4 per 1'	3687-3692'			500 gal. 15% I.N.S.		3687-3692'		
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	Size 2 3/8"	Set At 3706'	Packer at					
Date of First Production	Producing Method							
3-8-85	<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
	30	Bbls		MCF	10	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3687-3692'
 Used on Lease Dually Completed
 Commingled

