

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-135-23,105-0000
County... Ness
110' E & 110' S of
NW NW SE Sec. 13 Twp. 20S Rge. 21 East West

Operator: License # 4767
Ritchie Exploration, Inc.
Name
Address 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip

2200 Ft North from Southeast Corner of Section
2200 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser n/a

Lease Name Franz Well # 1

Operator Contact Person Rocky Milford
Phone 316-267-4375

Field Name

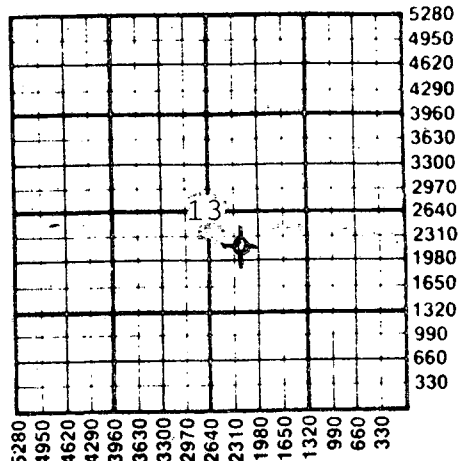
Producing Formation n/a

Contractor: License # 6033
Murfin Drilling Company
Name

Elevation: Ground 2227' KB 2232'

Wellsite Geologist Bob Mathiesen
Phone 316-267-4375

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # n/a Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4-10-87 4-17-87 4-18-87
Spud Date Date Reached TD Completion Date
4430' n/a
Total Depth PBTD
8-5/8" @ 320'
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

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

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.

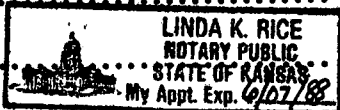
Signature Leah Ann Kastrup

Title Geologist Date 7/16/87

Subscribed and sworn to before me this 16th day of July 1987

Notary Public Linda K. Rice

Date Commission Expires 6/07/88



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)
RECEIVED
STATE CORPORATION COMMISSION

JUL 20 1987 Form ACO-1 (5-86)

Sec. 13 Twp. 20S Rge. 21W

Operator Name Ritchie Exploration, Inc. Lease Name Franz Well # 1

Sec. 13 Twp. 20S Rge. 21 East West County Ness

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

DST #1 from 4300' to 4330' (Ft. Scott). Recovered 10' of mud, no show of oil.
 IFP: 21-21#/30"; ISIP: 21#/30";
 FFP: 21-32#/30"; FSIP: 32#/30".

DST #2 from 4416' to 4430' (Osage). Recovered 500' of muddy water.
 IFP: 129-140#/30"; ISIP: 1216#/30";
 FFP: 162-194#/30"; FSIP: 1216#/30".

Name	Top	Bottom
Anhydrite	1436' (+ 796)	
B/Anhydrite	1467' (+ 765)	
Heebner	3762' (-1530)	
Lansing	3814' (-1582)	
B/KC	4155' (-1923)	
Pawnee	4240' (-2008)	
Ft. Scott	4319' (-2087)	
Cher. Shale	4338' (-2106)	
Mississippi	4413' (-2181)	
Osage	4421' (-2189)	
RTD	4430' (-2198)	

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	12 1/4"	8-5/8"	2.3#	320'	60-40 Pop	200	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	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

Dually Completed
 Commingled