

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

Purchaser N/A

Operator Contact Person Leah Ann Kasten
Phone 316/267-4375

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist Rocky Milford
Phone 316/267-4375

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

If OWNED: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7/30/88 8/06/88 8/06/88
Spud Date Date Reached TD Completion Date
4613' N/A
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 8-5/8" @ 218' 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 #

API NO. 15-193-20-465-0000

County Thomas
SE NW SW East
..... Sec. 24 Twp. 10S Rge. 31. X West

1650 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

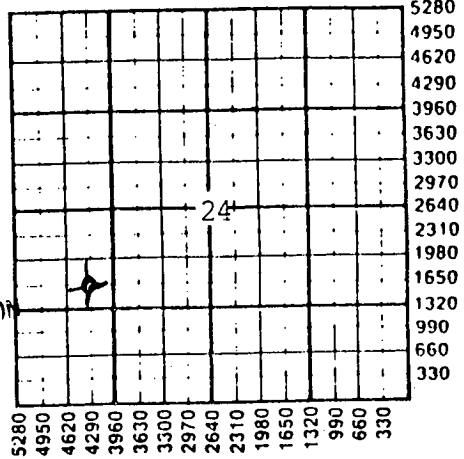
Lease Name Robben Well # 2

Field Name

Producing Formation N/A

Elevation: Ground 2909' KB 2914'

Section Plat



PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
11-23-88
NOV 23 1988

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # N/A Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: Water well.
Division of Water Resources Permit #
Groundwater 1650 Ft North from Southeast Corner
(Well) 4290 Ft West from Southeast Corner of
Sec 24 Twp 10S 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, 2Q0 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 [Signature]
Title Vice President Date 11/21/88

Subscribed and sworn to before me this 21st day of November 1988
Notary Public Linda K. Rice
Date Commission Expires 6/07/92



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-23-88
Form ACO-1 (5-86)

Sec. 24 Twp. 10S Rge. 31E

Operator Name Ritchie Exploration, Inc. Lease Name Robben Well # 2

RELEASED

Sec 24 Twp 10S Rge 31W County Thomas

MAR 07 1990

WELL LOG

FROM CONFIDENTIAL

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1 4034'-4056' (Lansing "E" zone). 120' gip. Rec. 5' slightly oil cut mud (5% oil), & 60' drilling mud. IFP:47-58#/30"; ISIP:548#/45"; FFP:58-70#/30"; FSIP:490#/45".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Lansing, Stark, B/KC, Marmaton, Pawnee, Ft. Scott, Cherokee, Miss., LTD.

DST #2 4098'-4187' (Lansing H, I & J zones). Rec. 65' of oil cut mud (9% oil). IFP:70-82#/30"; ISIP:1031#/45"; FFP:82-93#/30"; FSIP:1020#/45".

DST #3 4181'-4250' (Lansing K & L zone). Rec. 65' drilling mud w/few spots of oil in tool. IFP:58-70#/30"; ISIP:652#/30"; FFP:93-93#/30"; FSIP:640#/30".

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CASING RECORD [X] New [] Used

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

Table with 8 columns: 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. Row 1: Surface, 12 1/2", 8-5/8", 24#, 218', 60/40poz, 140, 2% gel, 3% C.

PERFORATION RECORD

Table with 3 columns: 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)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Perforation [] Other (Specify) [] Dually Completed [] Commingled