

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
Wichita, KS 67202
City/State/Zip

Purchaser N/A

Operator Contact Person Rocky Milford
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Bob Mathiesen
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 ONWD: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

9-28-87 10-7-87 10/08/87
Spud Date Date Reached TD Completion Date

4670' 4580'
Total Depth PBDT

8-5/8" @ 304'
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2470 feet
If alternate 2 completion, cement circulated from 2470 feet depth to surface 400 SX cmt
Cement Company Name Allied Cementing
Invoice # 50047

API NO. 15-063-21-144-00-00

County Gove

SE SW SE Sec 15 Twp 11S Rge 31 East X West

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

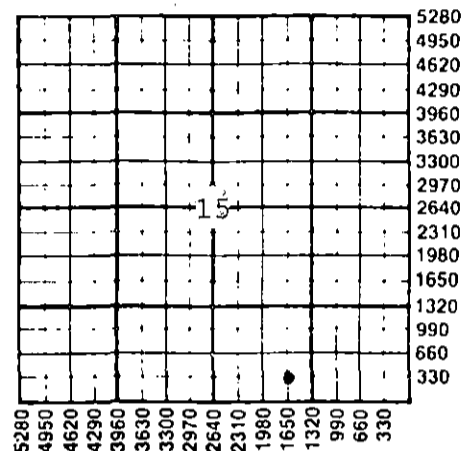
Lease Name Rodie Well # 2

Field Name

Producing Formation N/A

Elevation: Ground 2973' KB 2978'

Section Plat



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: 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 [Signature]

Title Vice President Date 1/19/88

Subscribed and sworn to before me this 19th day of January 1988

Notary Public Linda K. Rice

Date Commission Expires 6/07/88

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 6/07/88

CONSERVATION DIVISION
Wichita Kansas
21-88

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)

Sec 15 Twp 11 Rge 31 W

SIDE TWO

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

Sec. 15 Twp. 11S Rge. 31 East West County Gove

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 4163' to 4256' (L/KC H-J zones). Recovered 140' of gas in pipe and 100' of oil and gas cut mud. IFP: 70-81#/30"; ISIP: 1283#/45"; FFP: 93-105#/30"; FSIP: 1271#/45".

DST #2 from 4249' to 4318' (L/KC K&L zones). Recovered 720' of watery mud. IFP: 268-327#/30"; ISIP: 1866#/30"; FFP: 362-397#/30"; FSIP: 1660#/30".

DST #3 from 4465' to 4505' (Myrick Sta.). Recovered 20' of mud, few spots of oil & gassy odor. IFP: 46-46#/30"; ISIP: 709#/45". FFP: 46-58#/30"; FSIP: 698#/45".

DST #4 from 4589' to 4609' (Cgl. sand). Recovered 2' of free oil and 135' of slightly oil cut watery mud. IFP: 35-58#/45"; ISIP: 986#/45"; FFP: 70-81#/60"; FSIP: 951#/45".

Name	Top	Bottom
Anhydrite	2505' (+ 473)	
B/Anhydrite	2533' (+ 445)	
Topeka	3767' (- 789)	
Heebner	3990' (-1012)	
Toronto	4016' (-1038)	
Lansing	4032' (-1054)	
Stark	4253' (-1275)	
B/KC	4311' (-1333)	
Marmaton	4341' (-1363)	
Pawnee	4435' (-1457)	
Myrick Sta.	4481' (-1503)	
Ft. Scott	4505' (-1527)	
Cher.	4532' (-1554)	
Johnson zn.	4576' (-1598)	
Cgl. sand	4600' (-1622)	
Miss.	4618' (-1640)	
Miss. dolo.	4648' (-1670)	
LTD	4668' (-1690)	

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"	23#	304'	60-40 Poz	180	2% gel, 3% cc
Production	7-7/8"	4 1/2"	10.5#	4667'	60-40 poz	190	2% gel, 5% gilsonite

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SSB	2160'	Squeezed w/300 sax 50/50 poz & 75 sax 60/40 poz	2160'
4 jets	4600'-4608'	Acidized w/500 g. 15% MCA	4600'-08'
1 3/8"	4221' & 4185'	Acidized w/1000 g. 15% MCA	4221' & 4185'
2 SSB	4220'-22'; 4184'-86'		

TUBING RECORD Size Set At Packer at Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	MCF	100 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4220'-4222'
 Used on Lease Dually Completed 4184'-4186'
 Commingled