

ORIGINAL

CONFIDENTIAL

SIDE ONE

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JUL 02 1991

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

FROM CONFIDENTIAL

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: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Bob Mathiesen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6/15/90 6/21/90 6/22/90

Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,576-00-00

County Graham

NW NE NW Sec. 12 Twp. 7S Rge. 21 East West

4950 Ft. North from Southeast Corner of Section

3690 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

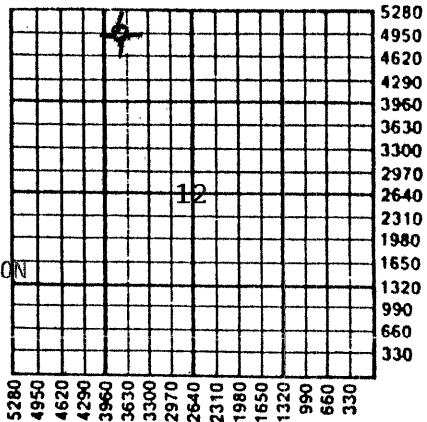
Lease Name Grif Roberts "B" Well # 1

Field Name Wildcat

Producing Formation n/a

Elevation: Ground 2136' KB 2141'

Total Depth 3660' PBD n/a



ACT II
D&A

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JUL 11 1990

7-11-1990

CONSERVATION DIVISION
Wichita Kansas

Amount of Surface Pipe Set and Cemented at 215' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

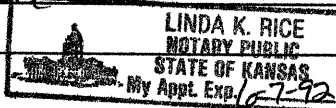
Signature [Signature]

Title President Date 6/25/90

Subscribed and sworn to before me this 25th day of June, 19 90.

Notary Public Linda K. Rice

Date Commission Expires 6/07/92



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)

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JUL 02 1991

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14473170

SIDE TWO

FROM CONFIDENTIAL

Operator Name Ritchie Exploration, Inc.

Lease Name Grif Roberts "B" Well # 1

Sec. 12 Twp. 7S Rge. 21

East
 West

County Graham

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

See attached page.

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

See attached page.

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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"	23#	215'	60/40 poz	140	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			Size	Set At	Packer At	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	

Disposition of Gas:
 Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION
 Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval _____

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ORIGINAL

Ritchie Exploration, Inc.
#4767
#1 Grif Roberts "B"
NW NE NW
Section 12-7S-21W
Graham County, Kansas
ACO-1
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DRILL STEM TESTS

SAMPLE TOPS

DST #1 from 3341' to 3400' (Toronto & Top zone). Recovered 130' of muddy water, no show of oil.
IFP:63-105#/30"; ISIP:1162#/45;
FFP:74-116#/30"; FSIP:1146#/45".

Anhydrite	1707' (+ 434)
B/Anhydrite	1739' (+ 402)
Topeka	3138' (- 997)
Heebner	3348' (-1207)
Toronto	3369' (-1228)
Lansing	3382' (-1241)
B/KC	3578' (-1437)
Ero. Arbuckle	3621' (-1480)
Arbuckle	3653' (-1512)
RTD	3660' (-1519)

DST #2 from 3490' to 3580' (140'-220' zones). Recovered 35' of mud, no show of oil.
IFP:74-77#/30"; ISIP:148#/30";
FFP:84-84#/30"; FSIP:148#/30".

DST #3 from 3604' to 3631' (Erosional Arbuckle). Recovered 10' of oil cut mud.
IFP:26-26#/30"; ISIP:26#/30";
FFP:30-30#/30"; FSIP:30#/30".

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Wichita, Kansas

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