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36-15-29W

Ans

SIDE ONE

CONFIDENTIAL 86

SEP 1 4 1991

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION 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: Clear Creek, Inc.
Operator Contact Person: Rocky Milford
Phone (316) 267-4375

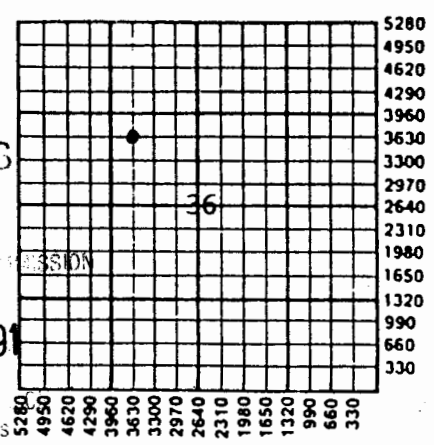
Contractor: Name: White & Ellis Drilling, Inc.
License: 5420
Wellsite Geologist: Bob Mathiesen

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
5/12/91 5/20/91 6/05/91
Spud Date Date Reached TD Completion Date

API NO. 05-163-211-386
County Gove
NW SE NW Sec. 36 Twp. 15S Rge. 29 East West
3630 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Judith Ziegenbalg Well # 1
Field Name wildcat
Producing Formation Lansing
Elevation: Ground 2588' KB 2593'
Total Depth 4400' PBDT n/a



AUG 12 1991

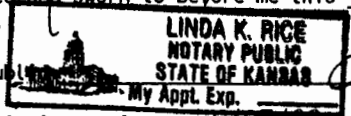
Amount of Surface Pipe Set and Cemented at 256' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1978' Feet
If Alternate II completion, cement circulated from 1978'
feet depth to surface w/ 278 sx cmt.

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 _____
Title President Date 8/05/91

Subscribed and sworn to before me this 5th day of August, 19 91.



Linda K. Rice

Notary Public _____
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) IS

WPS-21-2E

1400

334044

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Judith Ziegenbalg Well # 1
 Sec. 36 Twp. 15S Rge. 29W East County Gove
 West

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).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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#	256'	60/40 poz	145	2%gel, 3%CC
Production	7-7/8"	4 1/2"	10.5#	4398'	60/40 poz	185	10%salt, 3%gilsonite

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount and Kind of Material Used	Depth
3 jets	4026'-4030'	750 gal. of 15% NE	4026'-4030'

TUBING RECORD Size 2-3/8" Set At _____ Packer At _____ Liner Run Yes No

Date of First Production <u>6/05/91</u>	Producing Method <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 <u>60</u> Bbls. Gas <u>0</u> Mcf Water <u>70</u> Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: n/a **METHOD OF COMPLETION** Production Interval: _____
 Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) Other (Specify) _____ 4026'-30'

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375 FAX 316-267-3026

AUG 0 5

RELEASED

Ritchie Exploration, Inc.'s
#1 Judith Ziegenbalg
NW SE NW
Sec. 36-15S-29W
Gove Co., KS
API# 15-063-21,386
License #4767

CONFIDENTIAL

SEP 1 4 1993

REMOVED FROM CONFIDENTIAL
STATE COURT

ACO-1 form
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AUG 12 1991

CONSERVATION DIVISION
Wichita, Kansas

DRILL STEM TESTS

DST #1 from 3884' to 3974'
(L/KC "H-J" zones). Recovered
30' of mud w/few specks of oil.
IFP:77-77#/45"; ISIP:995#/45";
FFP:88-88#/45"; FSIP:874#/45".

DST #2 from 4004' to 4052'
(L/KC Middle Creek & "L"
zones). Recovered 774' of gas
in pipe; 278' of heavy mud cut
oil (60% oil, 40% mud); 62' of
mud cut oil (90% oil, 10%
mud); 806' of clean gassy oil
(10% gas, 90% oil); 120' of
mud cut gassy oil (85% oil,
10% mud, 5% water); 180' of
watery mud (60% mud, 40%
water). 1,446 total fluid (6%
gas, 73% oil, 16% mud, 5%
water).
IFP:166-477#/30"; ISIP:720#/30";
FFP:545-588#/30"; FSIP:709#/30".

DST #3 from 4050' to 4170'
(Upper Marmaton-Alt. "C" zone).
Recovered 70' of mud with oil
spots.
IFP:66-66#/45"; ISIP:808#/45";
FFP:77-77#/45"; FSIP:775#/45".

DST #4 from 4160' to 4320'
(Pawnee-Cherokee Johnson zone).
Recovered 806' of gas in pipe;
10' of clean oil; 40' of mud cut
gassy oil (10% gas, 70% oil, 20%
mud); 120' of mud cut gassy oil
(20% gas, 60% oil, 20% mud).
170' of total fluid (16% gas,
65% oil, 19% mud).
IFP:111-122#/30"; ISIP:1095#/45";
FFP:144-166#/30"; FSIP:984#/45".

ELECTRIC LOG TOPS

Anhydrite	1992' (+ 601)
B/Anhydrite	2024' (+ 569)
Topeka	3450' (- 857)
Heebner	3684' (-1091)
Toronto	3704' (-1111)
Lansing	3720' (-1127)
Stark	3976' (-1383)
B/KC	4060' (-1467)
Marmaton	4087' (-1494)
Pawnee	4176' (-1583)
Myrick Sta.	4216' (-1623)
Ft. Scott	4240' (-1647)
Cherokee	4266' (-1673)
Johnson zn.	4311' (-1718)
Miss.	4335' (-1742)
RTD	4399' (-1806)