

RELEASED

3/28/89

APR 1 1989

SIDE ONE

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 Koch Oil Company
Wichita, KS 67202

Operator Contact Person Jeff Christian
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Jeff Christian
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 **OWNO**: old well info as follows:
Operator
Well Name
Comp. Date

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-3-87 12-10-87 3-01-88
Spud Date Date Reached TD Completion Date
3662' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 216'
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1752'
If alternate 2' completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-065-22,424-00-50
County Graham
E/2 SE SE Sec 11 Twp 7S Rge 21 East West

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

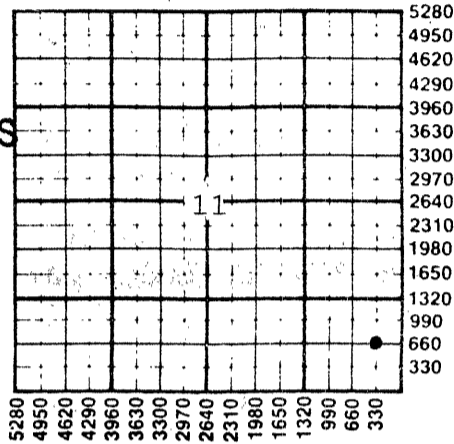
Lease Name Benoit Well # 1

Field Name

Producing Formation Regan sand & Marmaton

Elevation: Ground 2157' KB 2162'

Section Plat



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WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-25,274 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 3/24/88

Subscribed and sworn to before me this 24th day of March 1988.
Notary Public Linda K. Rice
Date Commission Expires 6/07/88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
SWD/Rep NGPA
Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
MAR 28 1988
Form ACO-1 (5-86)

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/07/88
MAR 29 1988

Sec. 11, Twp 7, Rge. 21E

SIDE TWO

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

Sec. 11 Twp. 7S Rge. 21 East West County Graham

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 3291'-3312' (Topeka). Recovered 1330' of salt water. IFP:221-455#/30"; ISIP:767#/30"; FFP:467-629#/30"; FSIP:767#/30".

DST #2 3341'-3378' (Toronto). Rec. 480' of salt water. IFP:46-128#/45"; ISIP:1020#/45"; FFP:151-221#/45"; FSIP:1009#/45".

DST #3 3375'-3403' (Top zone). Rec. 40' of clean oil and 320' of muddy water. IFP:35-105#/30"; ISIP:767#/45"; FFP:128-186#/30"; FSIP:767#/45".

DST #4 3405'-3430' (35' zone). Rec. 430' of salt water, no show of oil. IFP:35-128#/45"; ISIP:836#/45"; FFP:140-221#/45"; FSIP:836#/45".

DST #5 3427'-3466' (50' & 90' zones). Rec. 280' of salt water w/scum of oil. IFP:151-397#/30"; ISIP:847#/30"; FFP:397-548#/30"; FSIP:847#/30".

Name	Top	Bottom
Anhydrite	1759' (+ 403)	
B/Anhydrite	1791' (+ 371)	
Topeka	3145' (- 983)	
Heebner	3346' (-1184)	
Toronto	3368' (-1206)	
Lansing	3381' (-1219)	
B/KC	3576' (-1414)	
Regan Sand	3646' (-1484)	
Pre Cambrian Granite	3656' (-1484)	
LTD	3662' (-1500)	

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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"	24#	216'	60-40 Poz	160	2% gel, 3% cc
Production	7-7/8"	4 1/2"	10.5#	3661'	60/40 poz & salt flush	125	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2 SSB	3613 1/2' - 3616'			Acidized w/1000 g. 28%		3613 1/2' - 16'	
3 SSB	3647' - 3651'			Acidized w/1800 g. 15%		3647' - 51'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
3/01/88		<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	Gas	Water	Gas-Oil Ratio		Gravity
6 Bbls			MCF	9 Bbls			

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METHOD OF COMPLETION Open Hole Perforation Other (Specify).....
 Disposition of gas: Vented Sold Used on Lease Dually Completed Commingled

3613 1/2' - 16'
 3647' - 51'

OPERATOR Ritchie Explor., Inc. LEASE NAME Benoit

SEC. 11 TWP. 7 RGE. 21 (W)

FILL IN WELL LOG AS REQUIRED:

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #6 3491'-3585' (140'-220' zones). Recovered 10' of mud w/few spots of oil. IFP:70-70#/30"; ISIP:315#/30"; FFP:70-128#/30"; FSIP:362#/30".</p> <p>DST #7 3599'-3662' (Cong. & Regan sand). Recovered 65' of clean oil; 60' of muddy oil (89% oil, 6% gas, 5% mud); and 60' of oil cut mud (33% oil, 2% gas, 65% mud). IFP:70-93#/45"; ISIP:859#/60"; FFP:105-116#/45"; FSIP:755#/60".</p>				

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 STATE CORPORATION COMMISSION

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KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

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CONSERVATION DIVISION
 Wichita, Kansas