

RELEASED

3/28/89  
KCC  
gnd

APR 1 1989

SIDE ONE

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

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

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.)

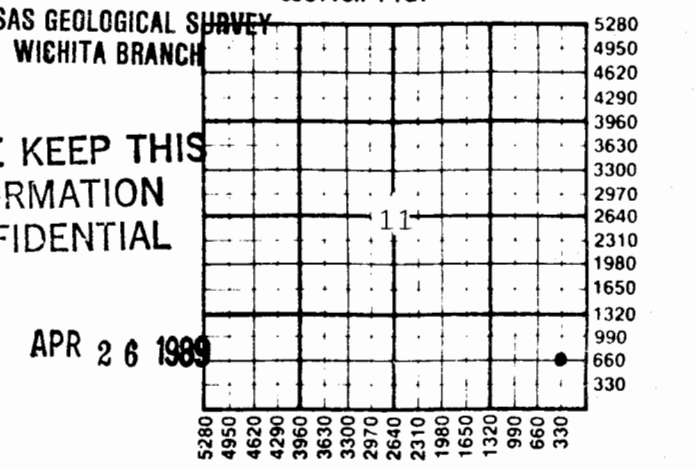
If **OWMO**: old well info as follows:  
Operator  
Well Name: 2111  
Comp. Date Old Total Depth

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' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1752' feet  
If alternate 2 completion, cement circulated from: feet depth to: w/ SX cmt  
Cement Company Name  
Invoice #



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 KCC STATE CORPORATION COMMISSION  
MAR 28 1988

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

CONSERVATION DIVISION Wichita, Kansas Form ACO-1 (5-86)

Sec. 11, Twp. 7, Rge. 21W

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. 216' 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)	

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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% ca
Production	7-7/8"	4 1/2"	10.5#	3661'	60/40 poz	125	10% salt & salt flush
						10	
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 <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
3/01/88							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	6 Bbls	MCF	9 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 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 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.

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

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. &amp; 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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