

ORIGINAL

SIDE ONE

RELEASED 10/19/90
1-22-91
JUL 22 1991

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

API NO. 15- 065-22,530-60-00
County Graham FROM CONFIDENTIAL
150' E of _____ East
SW NE SE Sec. 36 Twp. 6 Rge. 21 XXX West

Operator: License # 4767

1650 Ft. North from Southeast Corner of Section

Name: Ritchie Exploration, Inc.

840 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 125 N. Market, Suite 1000

Lease Name E.W. Lesage Well # 1

City/State/Zip Wichita, KS 67202

Field Name Solo Bow

Purchaser: none

Producing Formation none

Operator Contact Person: Leah Ann Kasten

Elevation: Ground 2217' KB 2222'

Phone (316) 267-4375

Total Depth 3740' PBTD n/a

Contractor: Name: Murfin Drilling

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

License: 6033

Wellsite Geologist: Rocky Milford

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: _____

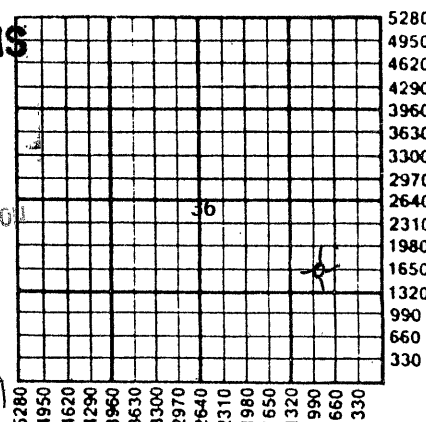
Well Name: _____

Comp. Date 7/25/89 Old Tool Joint 7/31/89 Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

Spud Date 7/25/89 Date Reached TD 7/31/89 Completion Date 7/31/89



ALT II
D.F.A.

Amount of Surface Pipe Set and Cemented at 225 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 Vice President Date 8/09/89

Subscribed and sworn to before me this 9th day of August, 19 89.

Notary Public Linda K. Rice

Date Commission Expires 6/07/92



K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name E.W. Lesage Well # 1
 Sec. 36 Twp. 6S 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.

RELEASED

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom Anhydrite 1824'(+ 398) B/Anhydrite 1856'(+ 366) Topeka 3217'(- 995) Heebner 3422'(-1200) Toronto 3443'(-1221) Lansing 3454'(-1232) B/KC 3651'(-1429) Arbuckle 3720'(-1498) LTD 3734'(-1512)
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

DST #1 3421'-75' (Tor.-Lan. "A" zone). Rec. 5' mud and show of oil. IFP:49-49#/30"; ISIP:276#/30"; FFP:49-59#/30"; FSIP:237#/30".

DST #2 3571'-3655' (Lan. 140'-220' zones). Rec. 10' slightly oil-spotted mud & show of free oil in the tool. IFP:59-59#/30"; ISIP:88/30"; FFP:59-59//30"; FSIP:69#/30".

DST #3 3475'-3512' (Lan. 35' zone). Straddle test. Rec. 270' slightly water mud, no show of oil. Bottom packer failed. IFP:148-148#/45"; ISIP:867#/15"; FFP:197-197#/45"; FSIP:788#/30".

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 #	225'	60/40 pozmix	170	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
		PLEASE KEEP THIS INFORMATION CONFIDENTIAL	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 _____