

ORIGINAL SIDE ONE

RELEASED 1-30-91

JAN 31 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: n/a

Operator Contact Person: Rocky Milford

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Leah Ann Kasten

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd. STATE OF KANSAS

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9/30/89 10/08/89 10/08/89

Spud Date Date Reached TD Completion Date

API NO. 15- 069-20,234-0000

County Gray FROM CONFIDENTIAL

C NE SW Sec. 31 Twp. 24 Rge. 29 XX East West

1980 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

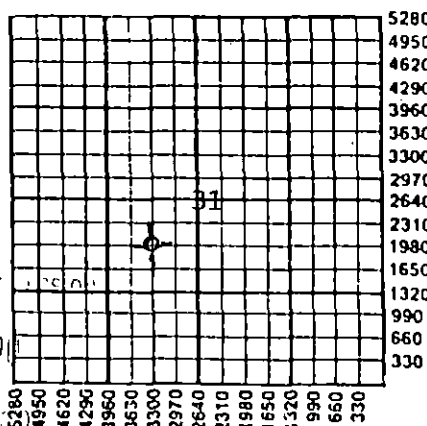
Lease Name Kramer Trust Well # 1

Field Name unknown

Producing Formation n/a

Elevation: Ground 2825' KB 2830'

Total Depth 5054' PBTD n/a



ACT II DSA

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED

JAN 30 1991

Wichita, Kansas Amount of Surface Pipe Set and Cemented at 303' 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 _____

Title President Date 1/26/90

Subscribed and sworn to before me this 26th day of January

19 90

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)

PX

Operator Name Ritchie Exploration, Inc. Lease Name Kramer Trust Well # 1
 Sec. 31 Twp. 24 Rge. 29 East County Gray
 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. **RELEASED**
 if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p align="right">JAN 3 1991</p> <p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample FROM CONFIDENTIAL</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Name</th> <th style="width:35%;">Top</th> <th style="width:35%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhy</td><td>1930' (+ 900)</td><td></td></tr> <tr><td>B/Anhydrite</td><td>1995' (+ 835)</td><td></td></tr> <tr><td>Heebner</td><td>4112' (-1282)</td><td></td></tr> <tr><td>Lansing</td><td>4157' (-1327)</td><td></td></tr> <tr><td>Stark</td><td>4494' (-1664)</td><td></td></tr> <tr><td>Pawnee</td><td>4712' (-1882)</td><td></td></tr> <tr><td>Labette</td><td>4751' (-1921)</td><td></td></tr> <tr><td>Ft. Scott</td><td>4755' (-1925)</td><td></td></tr> <tr><td>Cher.</td><td>4784' (-1954)</td><td></td></tr> <tr><td>Morrow sand</td><td>4881' (-2051)</td><td></td></tr> <tr><td>St. Louis</td><td>4898' (-2068)</td><td></td></tr> <tr><td></td><td>5053' (-2223)</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Anhy	1930' (+ 900)		B/Anhydrite	1995' (+ 835)		Heebner	4112' (-1282)		Lansing	4157' (-1327)		Stark	4494' (-1664)		Pawnee	4712' (-1882)		Labette	4751' (-1921)		Ft. Scott	4755' (-1925)		Cher.	4784' (-1954)		Morrow sand	4881' (-2051)		St. Louis	4898' (-2068)			5053' (-2223)	
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DST #1 4751'-4786' (Ft. Scott). Rec. 120' gip & 120' gassy oil cut mud.
 IFP: 49-49#/45"; ISIP: 551#/45";
 FFP: 68-68#/45"; FSIP: 521#/45".

 DST #2 4846'-4945' (Morrow sand - Miss. St. Louis "A" zone). Rec. 60' mud, no show of oil.
 IFP: 67-67#/30"; ISIP: 101#/30";
 FFP: 78-78#/30"; FSIP: 101#/30".

CASING RECORD New Used LTD

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#	303'	60/40 poz	200	2% gel, 3% CC

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
	PLEASE KEEP THIS INFORMATION CONFIDENTIAL	

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift 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 _____