

ORIGINAL

S
SIDE ONE

RELEASED 1-29-91
JAN 29 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- 065,22,535-00-00
County Graham FROM CONFIDENTIAL
130' E OF
SE SW NE Sec. 9 Twp. 6S Rge. 21W East West

Operator: License # 4767

2970 Ft. North from Southeast Corner of Section

Name: Ritchie Exploration, Inc.

1520 Ft. West from Southeast Corner of Section

Address 125 N. Market, Suite 1000

(NOTE: Locate well in section plat below.)

City/State/Zip Wichita, KS 67202

Lease Name Beecher Well # 1

Field Name Boys East

Purchaser: Koch Oil Co.

Producing Formation Lansing

Operator Contact Person: Jeff Christian

Elevation: Ground 2148' KB 2153'

Phone (316) 267-4375

Total Depth 3710' PBTD n/a

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Rocky Milford

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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:

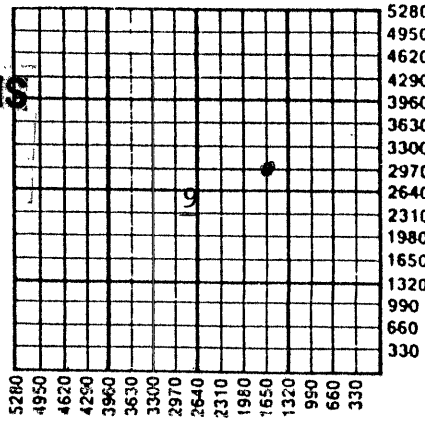
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

Spud Date 9/18/89 Reached TD 9/23/89 Completion Date 11/01/89



ACT II
1-29-91

Amount of Surface Pipe Set and Cemented at 220' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1800' Feet

If Alternate II completion, cement circulated from 1800'

feet depth to surface w/ 415 sx cmt.

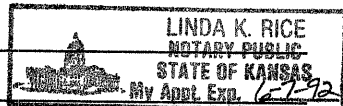
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 President Date 12/28/89

Subscribed and sworn to before me this 28th day of December, 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
C Drillers Timelog Received
Distribution
 KEC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Ritchie Exploration, Inc.

Lease Name Beecher

Well # 1

Sec. 9 Twp. 6S Rge. 21W

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.

* 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

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Formation Description		
Name	Top	Bottom
Anhydrite	1802'	(+ 351)
B/Anhydrite	1834'	(+ 319)
Topeka	3168'	(-1015)
Heebner	3365'	(-1212)
Toronto	3389'	(-1236)
Lansing	3407'	(-1254)
B/KC	3595'	(-1442)
Arbuckle	3661'	(-1508)
LTD	3706'	(-1553)

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#	220'	60/40 poz	180	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	3690'	60/40 poz	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	3527.5'-30'; 3454.5'-58'			Acidized w/600 gal. 15%		3454.5'-58'	
				Acidized w/500 gal. 15%		3527.5'-30'	
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)						
11/01/89							
Estimated Production Per 24 Hours	Oil 20 Bbls.	Gas Mcf	Water 200 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

3454.5'-58'
3527.5'-30'

ORIGINAL

RELEASED

Ritchie Exploration, Inc.
#4767 15-065-22,535
#1 Beecher
130' E of SE SW NE
Section 9-6S-21W
Graham County, KS
ACO-1
Page 2

JAN 29 1991

FROM CONFIDENTIAL

DRILL STEM TESTS:

DST #1 from 3359' to 3425' (Toronto & Top zone). Recovered 1' free oil and 29' oil cut mud (5% oil, 95% mud).

IFP:52-52#/30"; ISIP:1048#/30";
FFP:63-63#/30"; FSIP:912#/30".

DST #2 from 3428' to 3465' (35' & 50' zones). Recovered 300' gas in pipe; 720' free oil, 120' oil cut muddy water (35% oil, 15% mud, 50% water); and 360' water. 1200' total fluid.

IFP:148-296#/30"; ISIP:954#/30";
FFP:402-487#/30"; FSIP:943#/30".

DST #3 from 3464' to 3486' (70'-90' zones). Recovered 60' free oil and 1140' slightly oil cut water (2% oil & 98% water). 1200' total fluid.

IFP:84-328#/30"; ISIP:1079#/30";
FFP:402-549#/30"; FSIP:1058#/30".

DST #4 from 3511' to 3570' (140', 160', & 180' zones). Recovered 40' of mud with oil spots.

IFP:52-52#/45"; ISIP:1029#/45";
FFP:63-63#/45"; FSIP:943#/45".

DST #5 from 3596' to 3678' (Arbuckle). Recovered 35' of mud with oil spots.

IFP:52-52#/45"; ISIP:277#/45";
FFP:52-52#/45"; FSIP:127#/45".

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INFORMATION
CONFIDENTIAL

STATE OF KANSAS
JAN 5 1990

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 453-2627

ALLIED CEMENTING COMPANY

P. O. BOX 31
RUSSELL, KANSAS 67665

OK/PAH

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

INVOICE NO. 54990
PURCHASE ORDER NO. _____
LEASE NAME Beecher #1
DATE Oct. 16, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 208 sks @\$5.00	\$ 1,040.00	
Pozmix 207 sks @\$2.25	465.75	
Gel 25 sks @\$6.75	<u>168.75</u>	\$ 1,674.50
Handling 415 sks @\$0.90	373.50	
Mileage (38) @\$0.03¢ per sk per mi	473.10	
Pmp. trk. chg.	450.00	
Mi @\$1.00 pmp. trk.	<u>38.00</u>	<u>1,334.60</u>
	120-4011-D2	
	Total	\$ 3,009.10

AK 600

< 607.27 >
2407.78

THANK YOU

OCT 19 1989

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

RECEIVED
CONSERVATION DIVISION

JAN 5 1990

CONSERVATION DIVISION
Wichita, Kansas