

ORIGINAL SIDE ONE

KCC

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

API NO. 15- 065-22,625 ~~700-80~~  
APR 24 1992

RELEASED  
MAY 20 1992

County Graham  
Approx. NW SE SE Sec. 4 Twp. 2S Rge. 21 East West  
950 Ft. North from Southeast Corner of Section

~~CONFIDENTIAL~~

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000

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

FROM CONFIDENTIAL

City/State/Zip Wichita, KS 67202

Lease Name F.H.A. Well # 1

Field Name wildcat

Purchaser: n/a

Producing Formation n/a

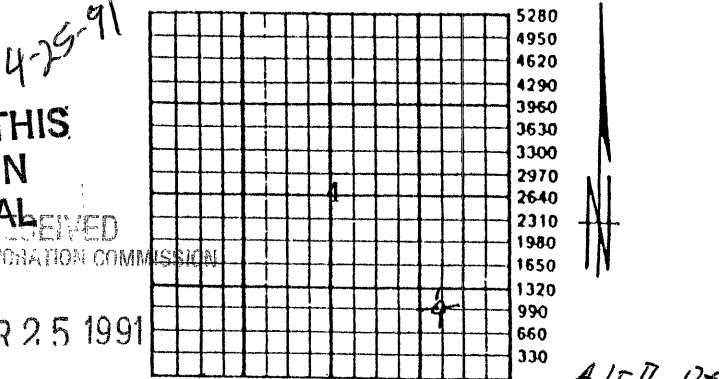
Operator Contact Person: Jeff Christian

Elevation: Ground 2168' KB 2173'

Phone (316) 267-4375

Total Depth 3730' PBDT n/a

Contractor: Name: Murfin Drilling Co.



License: 30606

Wellsite Geologist: Kitt Noah

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.)

Amount of Surface Pipe Set and Cemented at 208' Feet

If OWWO: old well info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3/20/91 3/26/91 3/27/91

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

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 4/24/91

Subscribed and sworn to before me this 24th day of April, 19 91.

Notary Public Linda K. Rice  
Date Commission Expires 6/10/92

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

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name F.H.A. Well # 1  
 Sec. 4 Twp. 7S Rge. 21S  East County Graham  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. 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.)

Formation Description  
 Log  Sample  
 Name Top Bottom

(See attached page).

(See attached page).

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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	208'	60/40 poz	160	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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
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 \_\_\_\_\_

15-065-22625-00-00

RELEASED

KCC

ORIGINAL

MAY 20 1992

APR 24 1992

520-92  
FROM CONFIDENTIAL

CONFIDENTIAL

Ritchie Exploration, Inc.  
#1 F.H.A.  
NW SE SE  
Section 4-7S-21W  
Graham County, KS  
License #4767  
API# 15-065-22,625

ACO-1 form  
Page 2

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4-25-91  
APR 25 1991

CONSERVATION DIVISION  
Wichita, Kansas

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INFORMATION  
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DRILL STEM TESTS

ELECTRIC LOG TOPS

DST #1 from 3310' to 3380' (Topeka "A" and "B" porosity zones). Recovered 30' of watery mud and 120' of muddy water.  
IFP:56-76#/45"; ISIP:1145#/45";  
FFP:82-109#/45"; FSIP:1129#/45".

Anhydrite	1807' (+ 366)
B/Anhydrite	1840' (+ 333)
Topeka	3176' (-1003)
Heebner	3380' (-1207)
Toronto	3404' (-1231)
Lansing	3416' (-1243)
B/KC	3612' (-1439)
Arbuckle	3698' (-1525)
LTD	3730' (-1557)

DST #2 from 3412' to 3436' (L/KC Top zone). Recovered 5' of mud with a few oil specks.  
IFP:9-9#/30"; ISIP:11#/30";  
FFP:9-9#/30"; FSIP:11#/30".

DST #3 from 3438' to 3480' (35' & 50' zones). Recovered 30' of muddy water and 368' of water.  
IFP:76-111#/30"; ISIP:1173#/30";  
FFP:141-198#/30"; FSIP:1160#/30".

DST #4 from 3526' to 3616' (140'-220' zones). Recovered 30' of gas in pipe, 35' of free oil and 85' of muddy water.  
IFP:80-93#/30"; ISIP:130#/45";  
FFP:93-95#/30"; FSIP:108#/45".

15-065-22625-00-00

TELEPHONE:  
AREA CODE 913 483-2627

**ALLIED CEMENTING COMPANY, INC.**

P. O. BOX 31  
RUSSELL, KANSAS 67665

KCC  
1003344  
APR 24 1992

ORIGINAL

MAR 91

TO: Ritchie Exploration Inc.

INVOICE NO. 59091 **CONFIDENTIAL**

125 N. Market #1000

PURCHASE ORDER NO. (10-344701)

Wichita, Kansas 67202

LEASE NAME FHA #1

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STATE COMMISSION COMMISSION

DATE Mar. 20, 1991

APR 25 1991

SERVICE AND MATERIALS AS FOLLOWS:

CONSERVATION DIVISION  
Wichita, Kansas

Common 171 sks @\$5.25	897.75
Pozmix 64 sks @\$2.25	144.00
Chloride 5 sks @\$21.00	105.00
Quickset 4 units @\$6.00	24.00
	<u>104.00</u>

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\$ 1,250.75

Handling 235 sks @\$1.00	235.00
Mileage (34) @\$0.04¢ per sk per mi	319.60
Surface	380.00
Mi @\$2.00 pmp. trk.	68.00
1 plug	<u>73.00</u>

1,075.60

Total \$ 2,326.35

Cement did not circ.

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RELEASED  
MAY 20 1992  
FROM CONFIDENTIAL  
5-20-92

TELEPHONE:  
AREA CODE 913 483-2627

15-065-22625-00-00  
**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 31 2003  
RUSSELL, KANSAS 67665

KCG

APR 24 1992

1002504  
CONFIDENTIAL  
59181

**ORIGINAL**

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

INVOICE NO. \_\_\_\_\_  
PURCHASE ORDER NO. W-2013001  
LEASE NAME FHA #1  
DATE April 1, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 123 sks @\$5.25	645.75
Pozmix 82 sks @\$2.25	184.50
Gel 7 sks @\$6.75	47.25
Floseal 50#@\$1.00	50.00

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

\$ 927.50

Handling 205 sks @\$1.00	205.00
Mileage (34) @\$0.04¢ per sk per mi	278.80
Plugging	475.00
Mi @\$2.00 pmp. trk.	68.00
1 plug	21.00

RECEIVED  
STATE CORPORATION COMMISSION

1,047.80

**Total \$ 1,975.30**

20 sks. @3690'  
20 sks. @1820'  
100sks. @ 995'  
40 sks. @ 260'  
10 sks. @ 40'  
15 sks. in R. H.

APR 25 1991

CONSERVATION DIVISION  
Wichita, Kansas

1000 \* 0.710 = 710.00  
3200 / 10 = 320.00

THANK YOU

APR 8 1991

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RELEASED

MAY 20 1992

FROM CONFIDENTIAL

S-20-92