

ORIGINAL

KCC

SIDE ONE

APR 24 1992

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

RELEASED

API NO. 15- 063-21,376 - 00-00

CONFIDENTIAL

MAY 20 1992

County Gove

SE SE NE Sec. 8 Twp. 14S Rge. 27W X East West

Operator: License # 4767 FROM CONFIDENTIAL

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: White & Ellis Drilling, Inc.

License: 5420

Wellsite Geologist: Kitt Noah

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

X Dry Other (Core, Water Supply, etc)

If OWO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

2/22/91 3/02/91 3/02/91

Spud Date Date Reached TD Completion Date

2970 Ft. North from Southeast Corner of Section

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

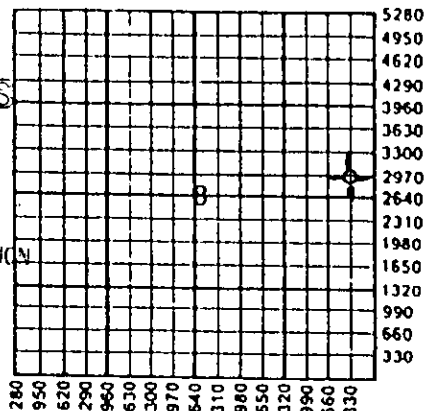
Lease Name D. Patterson Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 2542' KB 2547'

Total Depth 4400' PBTD n/a



Handwritten note: A1-11-D-40

Amount of Surface Pipe Set and Cemented at 267' Feet

Multiple Stage Cementing Collar Used? Yes X 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.

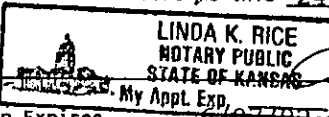
Signature [Signature]

Title President Date 4/24/91

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

Notary Public [Signature]

Date Commission Expires 6/07/92



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

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name D. Patterson

Well # 1

Sec. 8 Twp. 14S Rge. 27W East West

County Gove

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).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL (See attached page).

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#	267'	60/40 poz	165	2%gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			(Amount and Kind of Material Used)
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

15-063-21376-00-00
KCC

ORIGINAL

RECEIVED
STATE GEOLOGICAL COMMISSION

APR 24 1992

CONFIDENTIAL

Ritchie Exploration, Inc.

#4767

#1 D. Patterson

SE SE NE

Section 8-14S-27W

Gove County, KS

API# 15-063-21,376

APR 25 1991

CONSERVATION DIVISION
Wichita, Kansas

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

ACO-1 form

Page 2

DRILL STEM TESTS

ELECTRIC LOG TOPS

DST #1 from 3812' to 3833' (Lansing "E" zone). Recovered 33' of watery mud with oil spots in tool.

IFP:32-32#/30"; ISIP:1167#/30";

FFP:32-32#/30"; FSIP:1135#/30".

Anhydrite	1985' (+ 562)
B/Anhydrite	2024' (+ 523)
Ileebner	3705' (-1158)
Lansing	3743' (-1196)
Stark	3976' (-1429)
B/KC	4031' (-1484)
Marmaton	4069' (-1522)
Pawnee	4147' (-1600)
Ft. Scott	4244' (-1697)
Cher.	4269' (-1722)
Miss.	4334' (-1787)
LTD	4403' (-1856)

DST #2 from 3884' to 3975' (L/KC "H-J" zones). Recovered 5' of oil cut mud (30% oil, 70% mud) and 55' of watery mud. 60' of total fluid (2.5% oil, 61% mud, 36.5% water).

IFP:74-74#/45"; ISIP:1114#/45";

FFP:85-85#/45"; FSIP:1082#/45".

DST #3 from 3973' to 3997' (L/KC "K" zone). Recovered 10' of mud, no show of oil.

IFP:32-32#/30"; ISIP:64#/45";

FFP:32-32#/45"; FSIP:64#/45".

DST #4 from 4128' to 4265' (Altamont "C" zone - Ft. Scott). Recovered 8' of mud, no show of oil.

IFP:106-106#/30"; ISIP:138#/30";

FFP:106-106#/30"; FSIP:138#/30".

RELEASED

MAY 20 1992

FROM CONFIDENTIAL

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

02003

15-063-21376-00-00

KCC

TO: Ritchie Exploration Inc.

INVOICE NO. 58856

125 N. Market #1000

APR 24 1992

PURCHASE ORDER NO. _____

Wichita Kansas 67202

CONFIDENTIAL 1001

LEASE NAME Patterson #1

DATE Feb. 22, 1991

SERVICE AND MATERIALS AS FOLLOWS:

PLEASE KEEP THIS

INFORMATION \$ 519.35

Common 99 sks @\$5.25

CONFIDENTIAL 148.50

Pozmix 66 sks @\$2.25

Chloride 7 sks @\$21.00

147.00

\$ 815.25

Handling 165 sks @ \$1.00

165.00

Mileage (50) @\$0.04¢ per sk per mi

330.00

Surface

380.00

Mi @\$2.00 pmp. trk.

100.00

1 plug

RECEIVED
STATE COMMISSION \$2.00

1,017.00

ADD 25 1001

Total

\$ 1,832.25

Cement circ.

RECEIVED
STATE COMMISSION

6100 - 0790 1532 25

3570/90 = 3866 4/5

146550

Linda

THANK YOU

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

RELEASED

MAY 20 1992

FROM CONFIDENTIAL

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

15-063-21376-00-00
CCC

02003

APR 24 1992

TO: Ritchie Exploration, Inc.

INVOICE NO. 58908 **CONFIDENTIAL**

125 N. Market #1000

PURCHASE ORDER NO. _____

Wichita, Kansas 67202

LEASE NAME D. Patterson #1

PLEASE PRINT THIS

DATE March 2, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$5.25	\$ 598.50
Pozmix 76 sks @\$2.25	171.00
Gel 8 sks @\$6.75	54.00
Flo seal 2 sks @\$25.00	50.00
	<u>873.50</u>

APR 25 1991

Handling 190 sks @\$1.00	190.00
Mileage (50) @\$0.04c per sk per mi	380.00
Plugging	380.00
Mi @\$2.00 pmp. trk.	100.00
1 plug	21.00
	<u>1,071.00</u>

Total \$ 1,944.50

25 sks. @1990'
100sks. @1020'
40 sks. @ 310'
10 sks. @ 40'
15 sks. in R. H.

Bureau Hill

6100-0790 = 1114.50
3820/70 = {353.90}

11 ppts
MAR 31 1991

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

153560

RELEASED

MAY 20 1992

FROM CONFIDENTIAL