

CONFIDENTIAL

KCC

ORIGINAL AUG 0.5

SIDE ONE

556-00-00

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

API NO. 15- 193-20,566 ~~CONFIDENTIAL~~

RELEASED

County Thomas

SE SE SE Sec. 7 Twp. 10S Rge. 31W  East  West

SEP 14 1993

330 Ft. North from Southeast Corner of Section

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

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: Bob Mathiesen

Phone ( 316 ) 267-4375

Contractor: Name: White & Ellis Drilling, Inc.

License: 5420

Wellsite Geologist: Kitt Noah

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

5/02/91 5/10/91 5/10/91  
Spud Date Date Reached TD Completion Date

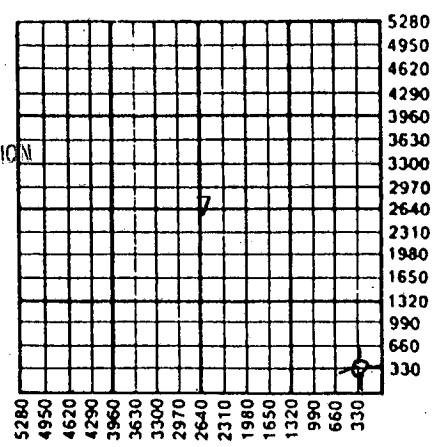
Lease Name Swart Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 3030' KB 3035'

Total Depth 4710' PBTD n/a



Amount of Surface Pipe Set and Cemented at 312' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 312'

feet depth to surface w/ 190 sx cmt.

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CONSERVATION DIVISION  
Wichita, Kansas

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 8/05/91

Subscribed and sworn to before me this 5th day of August, 19 91.

Notary Public Linda K. Rice  
Date Commission Expires \_\_\_\_\_



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 Swart Well # 1  
 Sec. 7 Twp. 10S Rge. 31W  East  West  
 County Thomas

**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 page).

**Formation Description**  
 Log  Sample  
 Name Top Bottom

(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"	23#	312'	60/40 poz	190	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 \_\_\_\_\_

**CONFIDENTIAL**

15-193-20556-00-00

**KCC**

**RITCHIE EXPLORATION, INC.**

125 N. Market - Suite 1000  
Wichita, Kansas 67202-1775  
316-267-4375 FAX 316-267-3026

**RELEASED**

**AUG 0 5**

**CONFIDENTIAL**

Ritchie Exploration, Inc.'s  
#1 Swart  
SE SE SE  
Section 7-10S-31W  
Thomas County, Kansas  
API # 15-193-20,556  
License # 4767

**SEP 1 4 1993**

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CONSERVATION COMMISSION

**AUG 12 1991**

CONSERVATION DIVISION  
Wichita, Kansas

ACO-1 Form  
Page 2

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DRILL STEM TESTS

DST #1 from 4203' to 4300'  
(L/KC "H"- "J" zones).  
Recovered 150' of mud with a  
few oil specks.  
IFP:59-84#/45"; ISIP:1349#/45";  
FFP:92-110#/45"; FSIP:1326#/45".

DST #2 from 4293' to 4364'  
(L/KC "K" and "L" zones).  
Recovered 393' of muddy water.  
IFP:53-110#/45"; ISIP:1385#/45";  
FFP:128-177#/45"; FSIP:1372#/45".

DST #3 from 4467' to 4635'  
(Pawnee to Johnson zone).  
Recovered 115' of mud. NOTE:  
Reset packer twice to get a  
packer seat.  
IFP:100-104#/30"; ISIP:411#/30";  
FFP:106-108#/30"; FSIP:681#/30".

ELECTRIC LOG TOPS

Anhydrite	2599' (+ 436)
B/Anhydrite	2628' (+ 407)
Topeka	3817' (- 782)
Heebner	4037' (-1002)
Lansing	4078' (-1043)
Stark	4292' (-1257)
B/KC	4354' (-1319)
Marmaton	4387' (-1352)
Pawnee	4476' (-1441)
Myrick Sta.	4509' (-1474)
Ft. Scott	4540' (-1505)
Cherokee	4568' (-1533)
Johnson zone	4611' (-1576)
Mississippi	4649' (-1614)
LTD	4709' (-1674)

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STATE OF KANSAS COMMISSION

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AUG 12 1991

CONSERVATION DIVISION  
Wichita, Kansas

TELEPHONE:

AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665

91  
MAY 01 1003900

OK  
Bob

TO: Ritchie Exploration Inc. INVOICE NO. 59522

125 N. Market #1000 PURCHASE ORDER NO. \_\_\_\_\_

Wichita, Kansas 67202 LEASE NAME W-310001 Swart #1

DATE May 10, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Handling 114 sks @\$6.10	\$ 695.40	
Pozmix 76 sks @\$2.40	182.40	
Gel 11 sks @\$6.75	74.25	
Floseal 47#@\$1.00	47.00	\$ 999.05
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Handling 190 sks @\$1.00	190.00	
Mileage minimum	45.00	
Plugging	475.00	
Mi @\$2.00 pmp. trk. (4)	8.00	
1 plug	20.00	
		<u>738.00</u>
	<b>Total</b>	<b>\$ 1,737.05</b>
25 sks. @2620'		
100sks. @1730'		
40 sks. @ 365'		
10 sks. @ 40'		
15 sks. in R. H.		

MAY 22 1991

THANK YOU

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

CONFIDENTIAL 5/30

W-310001 = 1127.05  
320/10 = 220.00

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STATE PROTECTION COMMISSION  
FROM CONFIDENTIAL

AUG 12 1991

Communication Commission  
Wichita, Kansas

TELEPHONE:  
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31 2003  
RUSSELL, KANSAS 67665

APR 91

1003802

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

INVOICE NO. 59420  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Swart  
DATE May 2, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$6.10 \$ 695.40  
Pozmix 76sks. @\$2.40 182.40  
Chloride 5 sks @\$21.00 105.00

Handling 190 sks @\$1.00 190.00  
Mileage (9)@\$0.04¢ per sk per mi 68.40  
Surface 380.00  
Mi @\$2.00 pmp. trk. 18.00  
1 plug 42.00

Total

\$ 1,681.20

Cement circ.

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6100.0270 = 1081.20

THANK YOU

3820/70 = (252.14)

MAY 8 1991

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

OK  
Bob

copy to Linda 5-12-91