

ORIGINAL

KCC

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

API NO. 15 101-21,570-00-00 APR 24 1992

County Lane 80 N of NW SE SE Sec. 25 Twp. 19S Rge. 28W X West

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: White & Ellis Drilling, Inc.

License: 25420

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

3/04/91 3/12/91 3/12/91  
Spud Date Date Reached TD Completion Date

1070' Ft. North from Southeast Corner of Section

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

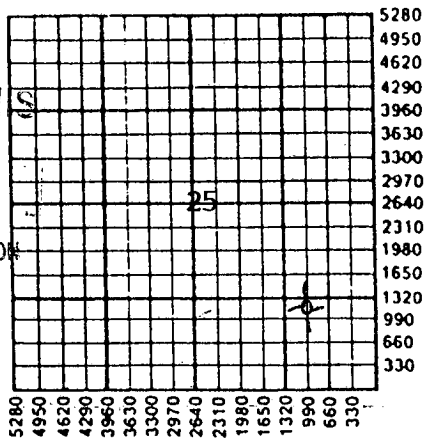
Lease Name Nelson Schwartz Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 2717' KB 2722'

Total Depth 4650' PBTD n/a



11-2 D+D

Amount of Surface Pipe Set and Cemented at 208' 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 [Signature] Title President Date 4/24/91

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

Notary Public [Signature] My Appt. Exp. 07/92

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)

PI

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Nelson Schwartz Well # 1  
 Sec. 25 Twp. 19S Rge. 28  East  West  
 County Lane

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).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RELEASED

MAY 13 1993

FROM CONFIDENTIAL

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	135	2%gel, 4%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			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 SIDE ONE

COPY

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

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County Lane  
80 N OF  
NW SE SE Sec. 25 Twp. 19S Rge. 28W X East West  
1070' Ft. North from Southeast Corner of Section  
990' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

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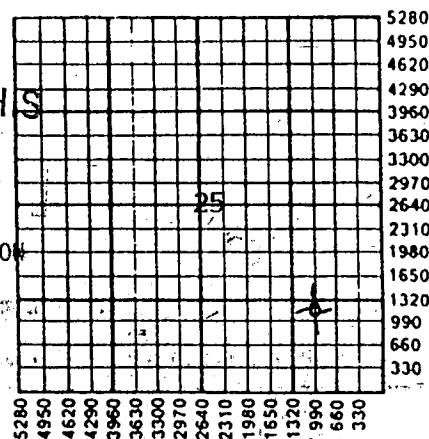
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License: 5420  
Wellsite Geologist: Kitt Noah

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3/04/91 3/12/91 3/12/91  
Spud Date Date Reached TD Completion Date

PLEASE KEEP THIS INFORMATION CONFIDENTIAL RECEIVED  
STATE CORPORATION COMMISSION  
APR 25 1991  
04-25-1991  
CONSERVATION DIVISION  
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 208' 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.

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Signature [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 07/99



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)

PI

ORIGINAL

KCC

APR 24 1992

CONFIDENTIAL

Ritchie Exploration, Inc.  
License #4767  
#1 Nelson Schwartz  
80' N of NW SE SE  
Section 25-19S-28W  
Lane County, Kansas  
API# 15-101-21,570

RELEASED

MAY 13 1993

FROM CONFIDENTIAL  
PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

ACO-1 form  
Page 2

DRILL STEM TESTS

DST #1 from 4248' - 4268' (Lansing/KC  
"K" zone). Recovered 310' of  
muddy water.  
IFP: 22-77#/45"; ISIP: 876#/45";  
FFP: 88-144#/45"; FSIP: 876#/45".

DST #2 from 4287' - 4308' (Lansing/KC  
"L" zone). Recovered 2185' of  
sulphur water.  
IFP: 255-754#/30"; ISIP: 1030#/30";  
FFP: 809-964#/30"; FSIP: 1030#/30".

ELECTRIC LOG TOPS

Anhydrite	2033' (+ 689)
B/Anhydrite	2062' (+ 660)
Topeka	3669' (- 947)
Heebner	3936' (-1214)
Lansing	3981' (-1259)
Stark	4250' (-1528)
B/KC	4331' (-1609)
Marmaton	4360' (-1638)
Pawnee	4461' (-1739)
Myrick Stat.	4490' (-1768)
Ft. Scott	4508' (-1786)
Cherokee	4532' (-1810)
Mississippi	4594' (-1872)
LTD	4649' (-1927)

RECEIVED  
STATE CORPORATION COMMISSION

APR 25 1991

CONSERVATION DIVISION  
Wichita, Kansas

TELEPHONE:  
AREA CODE 913 483-2627

15-101-21570-00-00  
**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL  
0200

KCC

APR 24 1992

TO: Ritchie Exploration Inc.

INVOICE NO. 58941 ~~CONFIDENTIAL~~

125 N. Market #1000

PURCHASE ORDER NO. \_\_\_\_\_

Wichita, Kansas 67202 *W. 7687001*

LEASE NAME Nelson Schwartz #1

DATE March 4, 1991

**RELEASED**

SERVICE AND MATERIALS AS FOLLOWS:

MAY 13 1993

Common 81 sks @\$5.25	\$ 425.25
Pozmix 54 sks @\$2.25	121.50
Chloride 5 sks @\$21.00	105.00
	<u>651.75</u>

FROM CONFIDENTIAL

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Handling 135 sks @\$1.00	135.00
Mileage (34) @\$0.04¢ per sk per mi	183.60
Surface	380.00
Mi @\$2.00 pmp. trk.	68.00
1 plug	42.00
	<u>808.60</u>

Total \$ 1,460.35

Cement circ.

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

6100 - 0270 = 1460.35  
3820 / 170 = 22.47  
1168.28

RECEIVED  
STATE CORPORATION COMMISSION

THANK YOU

APR 25 1991

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

4470  
1700  
321.91  
MAR 11 1991

OK  
KW

DEPTH of Job	
Reference:	Pump tak change
34	Mileage
	1.8 5/8 TWP
	Sub Total
	Tax
	Total
Remarks:	Cement did circulate
	Thank you
	MAR 11 1991

Handling	135	1.00	135.00
Mileage	34		183.60
		Sub Total	
		Total	970.35
Floating Equipment			
		Total	\$ 1460.35
		Disc	292.07
			\$ 1168.28

TELEPHONE:  
AREA CODE 913 483-2627

15-101-21570-00-00  
**ALLIED CEMENTING COMPANY, INC.**

P. O. BOX 31  
RUSSELL, KANSAS 67665

KCC

APR 24 1992

02003  
**ORIGINAL**

TO: Ritche Exploration Inc.

INVOICE NO. 59049 **CONFIDENTIAL**

125 N. Market #1000

PURCHASE ORDER NO. \_\_\_\_\_

Wichita, Kansas 67202

LEASE NAME Nelson Schwartz #1

DATE March 12, 1991

**PLEASE KEEP THIS**

SERVICE AND MATERIALS AS FOLLOWS:

**INFORMATION  
CONFIDENTIAL**

**RELEASED**

MAY 13 1993

Common 147 sks @\$5.25 \$ 771.75  
Pozmix 98 sks @\$2.25 220.50  
Gel 15 sks @\$6.75 101.25  
Floseal 61#@\$1.00 61.00

**FROM CONFIDENTIAL**

\$ 1,154.50

Handling 245 sks @\$1.00 245.00  
Mileage (34) @\$0.04¢ per sk per mi 333.20  
Plugging 475.00  
M1 @\$2.00 pmp. trk. 68.00  
1 plug 20.00

1,141.20

Total

\$ 2,295.70

50 sks. @2065'  
80 sks. @1250'  
50 sks. @ 625'  
40 sks. @ 230'  
10 sks. @ 40'  
15 sks. in R. H.

If account CURRENT 20% discount will  
be allowed ONLY if paid within 30 days  
from date of invoice. STATE CORPORATION COMMISSION

APR 25 1991

THANK YOU

CONSERVATION DIVISION  
Topeka, Kansas

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

MAR 20 1991  
CBM

*Copies to  
Hinda  
3-21-91*

DEPTH of Job	Reference	Amount	Mileage	Amount
	Pump truck charge	475.00	34	333.20
34	Mileage	68.00		
	1.8% dry hole plug	20.00		
	<b>Total</b>	<b>563.00</b>		<b>1732.70</b>
Remarks:			Floating Equipment	
1 <sup>st</sup>	2065' - 50 AX		TOTAL \$ 2295.70	
2 <sup>nd</sup>	1250' - 80 AX		Disc - 459.14	
3 <sup>rd</sup>	625' - 50 AX		\$ 1836.56	
4 <sup>th</sup>	230' - 40 AX			
	40' - 10 AX			
	15 AX Rathol.			

By Allied Cementing  
Nelson  
Drilling  
Thank You.