

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

SIDE ONE

SEP 19

API NO. 15- 101-21,577 -00-00

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 6720

Purchaser: n/a

Operator Contact Person: Rocky Mancoske

Phone (316) 267-4375

Contractor: Name: White & Ellis Drill Co.

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 OWM: old well info as follows:

Operator: RELEASED

Well Name:

Comp. Date OCT 2, 1993

Drilling Method:

☒ Mud Rotary ☐ Cable

7/13/91 7/20/91 7/20/91

Spud Date Date Reached TD Completion Date

County Lane East West

NW SE SW Sec. 36 Twp. 18S Rge. 28 X

990' Ft. North from Southeast Corner of Section

3630' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

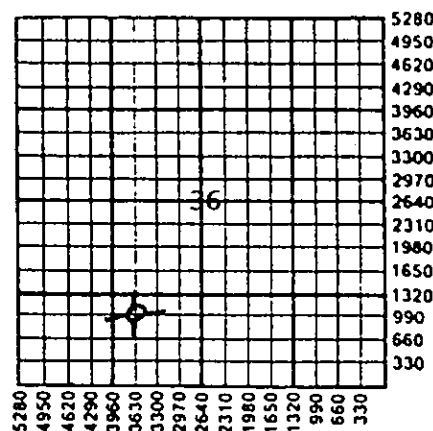
Lease Name Estes Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 2719' KB 2724'

Total Depth 4635' PBDT n/a



Alt D+D

Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 219'

feet depth to surface w/ 135 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 9/18/91

Subscribed and sworn to before me this 18th day of September

19 91

Notary Public

Date Commission Expires 6/07/92



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)

Operator Name Ritchie Exploration, Inc. Lease Name Estes Well # 1
 Sec. 36 Twp. 18S Rge. 28W ☐ East County Lane
☒ 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 (Attach Additional Sheets.)	☒ Yes	☐ No
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☒ Yes	☐ No

☒ Log ☐ Sample

Name	Top	Bottom
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See attached page.

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

See attached page.

[illegible]

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

RITCHIE EXPLORATION, INC. SEP 1 8

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

Ritchie Exploration, Inc.'s
#1 Estes
NW SE SW
Section. 36-18S-28W
Lane County, KS
API# 15-101-21,577-08-06
License #4767

ACO-1 form
Page 2

RELEASED

OCT 2 0 1993

FROM CONFIDENTIAL

DRILL STEM TESTS

DST #1 from 4246' to 4273'
(L/KC "K" zone). Recovered 65'
of gas in pipe and 55' of oil
spotted mud.
IFP:24-24#/60"; ISIP:982#/45";
FFP:24-36#/45"; FSIP:947#/45".

*Tool would not close on first
open.

DST #2 from 4286' to 4316'
(L/KC Middle Creek - "L"
zone). Recovered 40' of oil
spotted mud; 60' of water cut
mud (85% mud, 15% water); and
240' of mud cut water (15% mud,
85% water). 340' of total
fluid.
IFP:33-90#/30"; ISIP:1206#/45";
FFP:123-168#/30"; FSIP:1173#/45".

ELECTRIC LOG TOPS

Anhydrite	2073' (+ 651)
B/Anhydrite	2100' (+ 624)
Heebner	3931' (-1207)
Lansing	3969' (-1245)
Stark	4246' (-1522)
B/KC	4329' (-1605)
Marmaton	4360' (-1636)
Pawnee	4445' (-1721)
My. Station	4481' (-1757)
Ft. Scott	4500' (-1776)
Cherokee	4521' (-1797)
Miss.	4592' (-1868)
LTD	4633' (-1909)

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 3 1991
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL ORIGINAL

New

Date	7-30-91	Sec.	36	Fwp.	18	Range	28	Called Out	7:00 AM	On Location	9:00 AM	Job Start	9:30 A.M.	Finish	11:50 AM
Lease	Estes	Well No.	1	Location	Alamito 3w 35 /w Pinto.				County	Lane	State	Ks			
Contractor	White & Ellis Drilling				9	Owner	Ritchie Exploration								
Type Job	R. Plug														
Hole Size	7 7/8				T.D.	4635									
Csg.	RELEASED				Depth										
Tbg. Size					Depth										
Drill Pipe	4 1/2				OCT 20 1993	Depth	2110								
Tool					Depth	PLEASE KEEP									
Cement Left in Csg.					Shoe Joint	FROM CONFIDENTIAL INFORMATION									
Press Max.					Minimum	CONFIDENTIAL									
Meas Line					Displace										
Perf.															

EQUIPMENT

No.	Cementer
Pumptrk #46	Bob Desper
	Helper S. Drilling
No.	Cementer
Pumptrk	
	Helper
No.	Driver
Bulktrk #230	Bill White
Bulktrk	
	Driver

DEPTH of Job

Reference:		
28	Pump Truck Charge	380.00
	Milage	56.00
	18 5/8 D.H.P.	21.00
	Sub Total	
	Tax	
	Total	457.00

Remarks:		
2110	50 SX	15 SX R.H.
1060	50 SX	
530	50 SX	
240	50 SX	
30	10 SX	

Thank You

A.M.W.

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Charge To Ritchie Exploration

Street 125 N Market Suite 1000

City Wichita State Ks 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X Donald A. Dondine

CEMENT

Amount Ordered 225 sx 6 1/4 6 % gel 1/4 Flo seal

Consisting of

Common	135	5.25	708.75
Poz. Mix	90	2.25	202.50
Gel.	13	6.75	87.75
Chloride			
Quickset			
Flo Seal	56 #	1.00	56.00

Sales Tax

Handling 225 1.00 225.00

Milage 28 m 252.00

Sub Total

Total 1532.00

Floating Equipment

Total \$1989.00

Disc 298.35

RECEIVED

KANSAS CORPORATION COMMISSION

OCT 3 1991

CONSERVATION DIVISION
WICHITA, KS

JUL 26 1991

49562

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville

Phone Ness City 913

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date 7-13-91	Sec. 36	Twp. 18	Range 28	Called Out	On Location 2:30pm	Job Start 3:00pm	Finish 3:30pm
Lease ESTEX	Well No. #1	Location Homote + 96 9w 25 1/2 w/s			County LANE	State KS	

Contractor **White & Ellis Drilling**

Type Job **Surface Pipe Job**

Hole Size **12 1/4** T.D. **220'**

Csg. **20"** Depth **219'**

Tbg. Size Depth

Drill Pipe Depth

Tool Depth

Cement Left in Csg. **15'** Shd. Joint

Press Max. Minimum

Meas Line **208'** Displace **13.3 bbl**

Perf.

Owner **SAME**

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Ritchie Exploration

Charge To **SCOTT RITCHIE INC.**

Street **125 N. Market Suite 1000**

City **Wichita** State **Ks 67202**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X **Donald A. Deming #9**

CEMENT

Thank You

Amount Ordered **135 40 2 x 3**

Consisting of

Common	81	5.25	425.25
Poz. Mix	54	2.25	121.50
Gel.	3	6.75	NIC
Chloride	4	21.00	84.00
Quickset			

FROM CONFIDENTIAL

EQUIPMENT

Great Bend

No.	Cementor	
158	Helper	M. K.
No.	Cementor	
	Helper	DURAN
	Driver	JACK S.
	Driver	

DEPTH of Job **219'**

Reference:

	Pump Truck Charge	380.00
27	mileage charge	54.00
1	wooden plug	42.00
	Sub Total	
	Total	476.00

Remarks: **Cement did circulate**

Handling	1.35	1.00	135.00
Mileage	27		145.80
		Sub Total	
		Total	911.55

Floating Equipment

TOTAL \$ 1387.55

Disc - 208.14

RECEIVED

KANSAS CORPORATION COMMISSION

\$ 1179.41

Allied Cementing Co Inc

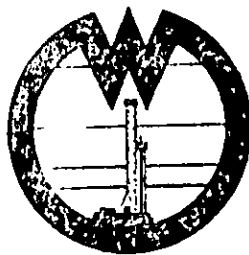
Mike Mervach

CONSERVATION DIVISION
WICHITA, KS

JUL 17 1991

MUD-CO., INC., 100 SOUTH MARKET, SUITE 203, WICHITA, KANSAS 67202

CUSTOMER COPY JUL 31 1991



K00

ORIGINAL

SEP 1 8

CONFIDENTIAL

15-101-21577-00-00

RELEASED

WHITE

OCT 2 0 1993

AND ELLIS DRILLING, Inc.

FROM CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIALDRILLERS LOG

OPERATOR: Ritchie Exploration, Inc., 125 N. Market - #100,
Wichita, KS 67202
CONTRACTOR: White & Ellis Drilling, Inc., P. O. Box 48848,
Wichita, Kansas 67201-8848

Lease Name Estes Well No. 1
Sec. 36 T. 18S R. 28W Spot NW SE SW
County Lane State Kansas Elev.

Casing Record:

Surface: 8 5/8" @ 219' with 135 SX.Production: @ with SX.Type Well: D & A Total Depth 4635'Drilling Commenced 7-13-91 Drilling Completed 7-20-91

Formation	From	To	Tops
Cellar	0	5	Anhydrite 2074
Shale	5	805	Topeka 3605
Shales & Sand	805	1560	Lansing/KC 4045
Sand & Shales	1560	2073	Kansas City 4273
Shales	2073	2851	Marmaton 4316
Shales & Lime	2851	3605	Ft. Scott/
Shales	3605	3840	Cherokee 4405
Lime & Shale	3840	4635	Cherokee/ Mississippi 4540