

ORIGINAL

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

API NO. 15- 101-21,648-00-00

Operator: License # 4767

County Lane

Name: Ritchie Exploration, Inc.

SW NW NE Sec. 23 Twp. 19 Rge. 28 XXXW

Address: 125 N. Market, Suite 1000

4290 Feet from (S)N (circle one) Line of Section

City/State/Zip Wichita, KS 67202

2310 Feet from (E)W (circle one) Line of Section

Purchaser: NA

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Operator Contact Person: Rocky Milford

Lease Name O. Hineman Well # 1

Phone (316) 267-4375

Field Name Hackberry Creek

Contractor: Name: Duke Drilling Co., Inc. KCC

Producing Formation NA

License: 5929

Elevation: Ground 2753 KB 2766

Wellsite Geologist: K. Noah JUN 7

Total Depth 4660 PSTD

Designate Type of Completion
 New Well Re-Entry Workover

Amount of Surface Pipe Set and Cemented at 219 Feet

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Multiple Stage Cementing Collar Used? Yes No

If Workover/Re-Entry: old well info as follows:

Yes, show depth set Feet

Operator: RELEASED

If Alternate II completion, cement circulated from

Well Name:

feet depth to w/ sx cat.

Comp. Date Old Total Depth 2 6 1995

Drilling Fluid Management Plan O&D 6-10-93
(Data must be collected from the Reserve Pit)

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back FROM CONFIDENTIAL
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

Chloride content 3,000 ppm Fluid volume 700 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

04-18-93 04-26-93 4-26-93

Operator Name

Lease Name

Quarter Sec. Twp. S Rng. E/W

Spud Date Date Reached TD Completion Date

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 6/7/93

Subscribed and sworn to before me this 7th day of June 1993.

Notary Public [Signature]

Date Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-29-95

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
RECEIVED JUN 9 1993
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
KANSAS

P1

Operator Name **Ritchie Exploration, Inc.**

SIDE TWO

Lease Name O. Hineman

Well # 1

Sec. 23 Twp. 19 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:	None	See attached sheet		

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 1/2"	8-5/8"	20#	219	60/40 poz	145	2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top (Bottom)	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.		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 Perf. Dually Comp. Commingled Other (Specify)

Production Interval _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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

CONFIDENTIAL

APT NO. 15- 101-21,648-00-00 **COPY**
County Lane
SW NW NE Sec. 23 Twp. 19 Rge. 28 ^E XXXXW

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202

Purchaser: NA

Operator Contact Person: Rocky Milford

Phone (316) 267-4375

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: K. Noah

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Oil SWD SIOW Temp. Abd.
 Gas EMHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

04-18-93 04-26-93 4-26-93
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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 cnt.

Drilling Fluid Management Plan 6-9-93
(Data must be collected from the Reserve Pit)

Chloride content 3,000 ppm Fluid volume 700 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

Quarter Sec 1 Twp. 19 Rng. 28 E/W

County Lane Docket No. _____

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Signature [Signature]

Title President Date 6/7/93

Subscribed and sworn to before me this 7th day of JUNE 19 93.

Notary Public [Signature]

Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-27-95

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distributed to: KCC XGS
STATE CORPORATION COMMISSION
RECEIVED JUN 9 1993
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

Form ACQ-1 (REV. 7/89)
06-09-1993

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 O. Hineman

SW NW NE

Section 23-19S-28W

Lane County, Kansas

API# 15-101-21,648--00-00

Elevation: 2753' G.L., 2762' K.B.

ORIGINAL

SAMPLE TOPS

Anhydrite	2107'(+ 655)
B/Anhydrite	2135'(+ 627)
Heebner	3989'(-1227)
Lansing	4031'(-1269)
Muncie Crk	4204'(-1442)
Stark	4299'(-1537)
Hush.	4335'(-1573)
B/KC	4382'(-1620)
Marmaton	4410'(-1648)
Pawnee	4514'(-1752)
Myrick St.	4543'(-1781)
Ft.Scott	4559'(-1797)
Cherokee	4581'(-1819)
Johnson Zn.	4620'(-1858)
Cgl.Snd	4640'(-1878)
Mississippi	4650'(-1888)
RTD	4660'(-1898)

RELEASED

JUN 26 1995

FROM CONFIDENTIAL

DST #1 from 4296' to 4307' (L/KC "K" zone). Recovered 240' of gas in pipe, 45' of oil, 50' of slight oil cut mud (5% oil, 95% mud), 180' very slight oil cut muddy water (1% oil, 10% mud, 89% water), and 1185' of water with a few oil spots. Total fluid = 1470'.

IFP:182-567#/30"; ISIP:736#/30";

FFP:607-717#/30"; FSIP:736#/30".

DST #2 from 4334' to 4346' (L/KC "L" zone). Recovered 10' of mud.

IFP:10-10#/30"; ISIP:376#/30";

FFP:10-10#/30"; FSIP:325#/30".

DST #3 from 4377' to 4630' (Pleasanton - Johnson zone). Recovered 40' of mud with a few oil spots.

IFP:30-30#/30"; ISIP:936#/30";

FFP:40-40#/30"; FSIP:557#/30".

PLEASE KEEP THIS RECEIVED
INFORMATION CONFIDENTIAL
STATE CORPORATION COMMISSION
JUN 9 1995
CONSERVATION DIVISION
Wichita, Kansas

Kansas
Great Bend, Kansas

15-101-21648-00-00
ORIGINAL

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.
Home Office P. O. Box 31
Russell, Kansas 67665

1235

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4/26/93	23	19	28	07:00	10:00	10:15	12 noon
Lease <i>O. Hireman</i>	Well No. <i>I</i>	Alameda Location <i>3W 7S 1W 1/2 W</i>		County <i>Lawrence</i>	State <i>Ks.</i>		

Contractor <i>Duke 4</i>	Owner <i>Sage</i>
Type Job <i>Rotary Plug</i>	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.
Hole Size <i>7 7/8</i>	T.D. <i>4650</i>
Csg. <i>8 5/8</i>	Depth <i>219</i>
Tbg. Size	Depth
Drill Pipe <i>4 1/2</i>	Depth <i>2130</i>
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum RELEASED
Meas Line	Displace JUL 26 1995
Perf.	

Charge To <i>Ritchie Exploration Inc.</i>
Street <i>125 N. Market Suite 1000</i>
City <i>Wichita</i> State <i>Ks.</i> <i>67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. <i>Dwayne Chish</i>
CEMENT

EQUIPMENT FROM CONFIDENTIAL

No.	Cementor	Helper
Pumptrk <i>158</i>	<i>Gary</i>	<i>Keith</i>
Pumptrk		
Bulktrk <i>116</i>	<i>B. H.</i>	
Bulktrk		

Amount Ordered <i>245 6% 6% Gel 4# Flt</i>
Consisting of
Common <i>147</i> <i>5.25</i> <i>845.25</i>
Poz. Mix <i>98</i> <i>3.00</i> <i>294.00</i>
Gel. <i>15</i> <i>7.00</i> <i>105.00</i>
Chloride
Quickset
<i>0/0 Seal Gel</i> <i>1.10</i> <i>67.10</i>
Handling <i>245</i> <i>1.00</i> <i>245.00</i>
Mileage <i>28</i> <i>56.93</i> <i>274.40</i>
<i>Copy T/H.T.</i>
<i>56.93</i>
<i>SA</i>
Total <i>1830.75</i>

Reference:	Amount
<i>Pump Truck</i>	<i>525.00</i>
<i>28 Mileage</i>	<i>63.00</i>
<i>8 5/8" OHP</i>	<i>21.00</i>
Total	609.00

Handling <i>245</i> <i>1.00</i> <i>245.00</i>
Mileage <i>28</i> <i>56.93</i> <i>274.40</i>
<i>Copy T/H.T.</i>
<i>56.93</i>
<i>SA</i>
Total <i>1830.75</i>

Remarks:	<i>50 ex @ 2130</i>
	<i>80 " " 1300</i>
	<i>50 " " 660</i>
	<i>40 " " 250</i>
	<i>10 " " 40</i>
	<i>15 " " RH</i>

Floating Equipment

TOTAL \$ 2439.75

Disc - 487.93

1951.80

STATE APPROPRIATION COMMISSION
RECEIVED
JUN 9 1995
CONSERVATION DIVISION
Wichita, Kansas
MAY 6 1995