

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

ORIGINAL

AUG 27

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: B. Mathiesen

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: K. Kessler

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR 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 PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7-17-92 7-25-92 7-25-92

Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,684-00-00

County Ness

NE - SE - SW - Sec. 16 Twp. 16 Rge. 21W

990 Feet from (S/N) (circle one) Line of Section

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

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

Lease Name John Irvin Well # 1

Field Name _____

Producing Formation na

Elevation: Ground 2351 KB 2356

Total Depth 4325' PBTD na

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1680

feet depth to Surface w/ _____ sx cmt.

Drilling Fluid Management Plan DLF 2 OP 10-9-92
(Data must be collected from the Reserve Pit) ODA

Chloride content 6800 ppm Fluid volume 782 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

License No. _____

Lease Name _____

Quarter _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

RELEASED

SEP 6 1992

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

AUG 28 1992

AUG 28 1992

CONSERVATION DIVISION

WICHITA, KS

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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 8-27-92

Subscribed and sworn to before me this 27 day of August, 19 92

Notary Public Lisa Thimmesch

Date Commission Expires _____

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Ritchie Exploration, Inc. Lease Name John Irvin Well # 1
 Sec. 16 Twp. 16 Rge. 21W East West
 County Ness

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.)
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED SHEET

R.A. Guard Log

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 csg	12 1/4	8 5/8	28#	210'	60/40 poz	135	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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD 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 <u>DRY</u>	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 _____

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

API NO. 15- 135-23,684-00-00

County Ness

NE - SE - SW sec. 16 Twp. 16 Rge. 21W

990 Feet from N (circle one) Line of Section
2310 Feet from E (circle one) Line of Section

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

Lease Name John Irvin Well # 1

Field Name _____

Producing Formation na

Elevation: Ground 2351 KB 2356

Total Depth 4325' PBD na

Amount of Surface Pipe Set and Cemented at 210' 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/ _____ sz cnt.

Drilling Fluid Management Plan ALT 2 OR 10-1-84
(Data must be collected from the Reserve Pit)

Chloride content 6800 ppm Fluid volume 782 bbls

Dewatering method used evaporation

_____ of fluid disposal if hauled offsite: _____

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: B. Mathiesen

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: K. Kessler

Designate Type of Completion
 New Well Re-Entry Workover

Oil SVD SIGW Temp. Abd.
 Gas ENHR SIGV

Dry Other (Core, MSV, 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/SVD _____
Plug Back _____ PBD _____

Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SVD or Inj?) _____ Docket No. _____

7-17-92 7-25-92 7-25-92
Spud Date Date Reached TD Completion Date

RECEIVED
PLEASE KEEP THIS INFORMATION CONFIDENTIAL
KANSAS CORPORATION COMMISSION
AUG 28 1992
OPERATOR
LEASE NAME
CONSERVATION DIVISION
WICHITA, KS
Quarter _____ Twp. _____ S Rng. _____ E/W _____
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.

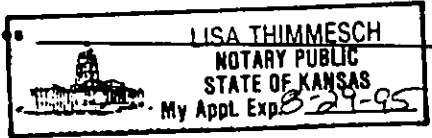
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature _____
Title President Date 8-27-92

Subscribed and sworn to before me this 27 day of August, 1992

Notary Public Lisa Thimmesch

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

1. RITCHIE EXPLORATION, INC.

AUG 27

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

#1 John Irvin **CONFIDENTIAL**
NE SE SW
Section 16-16S-21W
Ness County, Kansas
API# 15-135-23,684 -00-00

ELECTRIC LOG TOPS

Anhydrite	1650' (+ 706)
B/Anhydrite	1689' (+ 667)
Heebner	3746' (-1390)
Lansing	3788' (-1432)
B/KC	4043' (-1687)
Pawnee	4127' (-1771)
Labette Sh.	4197' (-1841)
Fort Scott	4217' (-1861)
Cherokee Sh.	4226' (-1870)
Up. Cher. sd	4232' (-1876)
L. Cher. sd	4277' (-1921)
Mississippi	4286' (-1930)
LTD	4332' (-1976)

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

DST #1 from 4180' to 4210' (Labette sand). Recovered 5' of mud with a slight show of oil.
IFP:41-41#/30"; ISIP:52#/30";
FFP:41-41#/30"; FSIP:41#/30".

DST #2 from 4176' to 4230' (Upper Cherokee sand). Recovered 120' of muddy water with a slight show of oil and 780' of water.
IFP:343-500#/30". No other pressures taken.

DST #3 from 4261' to 4279' (Lower Cherokee sand). Recovered 5' of mud.
IFP:41-41#/30"; ISIP:41#/30";
FFP:41-41#/30"; FSIP:41#/30".

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 28 1992

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

Kansas

AUG 27

15-135-23684-00-00

Phone Plainville 913-434-2812

Great Bend, Kansas

CONFIDENTIAL

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3253

Home Office P. O. Box 31

Russell, Kansas 67665

Date	7-25-92	Sec.	16	fwp.	16S	Range	21W	Called Out	06:45	On Location	08:15	Job Start	09:35	Finish	11:30
Lease	John T. ...	Well No.	1	Location	Russell	4 1/2 E 1 W 1/2 E			County	Ness	State	KS			

Contractor	White & Ellis 9		
Type Job			
Hole Size	7 7/8	T.D.	4325
Csg.	8 5/8	Depth	210
Tbg. Size		Depth	
Drill Pipe		Depth	1680
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	RELEASED
Meas Line		Displace	
Perf.		SEP 6 1994	

Owner	Sana
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.	
Charge To	Ritchie Exploration
Street	125 N. 177th St #1000
City	Wichita State KS 67202
The above was done to satisfaction and supervision of owner agent or contractor.	

Purchase Order No.	X Donald G. Dending #9
CEMENT	
Amount Ordered	195.60 / 40 6% Gel 1/4 # Floreal

EQUIPMENT FROM CONFIDENTIAL

No.	Cementer	Guy
Pumptrk 158	Helper	B. J. P.
No.	Cementer	
Pumptrk	Helper	
	Driver	Keith
Bulktrk 116	Driver	

Consisting of			
Common	117 cu	5.50	643.50
Poz. Mix	78 cu	2.50	195.00
Gel.	12 cu	6.75	81.00
Chloride			
Quickset			
Flood Seal	50#	1.00	50.00

RECEIVED		Sales Tax	
Handling	KANSAS CORPORATION COMMISSION	1.00	195.00
Mileage	28		218.40
AUG 28 1992		Sub Total	
CONSERVATION DIVISION WICHITA, KS		Total	1382.90

DEPTH of Job		
Reference:	Pump Truck	380.00
	Mileage 28	56.00
	8 5/8" TWP	20.00
	Sub-Total	
	Tax	
	Total	456.00

Remarks:	50" x @ 1680
	80" " 1000
	40" " 240
	10" " 40
	15" " RH

Floating Equipment	
TOTAL	\$ 1838.90
LESS DISC	367.78
	# 1462012

Thank you
Don L. Hansen

JUL 29 1992