

ORIGINAL

SIDE ONE

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

Operator: License # 4767 **CONFIDENTIAL**

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: _____

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: Pickrell Drlg Co., Inc.

License: 5123

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10-31-97 11-6-97 11-6-97
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20,983 0000

County Meade

N/2 -SE - - Sec. 14 Twp. 30 Rge. 26 W

1980 Feet from (S/N) (circle one) Line of Section

1320 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 Milford Well # 1 **RELEASED**

Field Name _____ **037 03 2000**

Producing Formation _____

Elevation: Ground 2604 KB 2609 **FROM CONFIDENTIAL**

Total Depth 3750 PBSD _____

Amount of Surface Pipe Set and Cemented at 707 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.

Drilling Fluid Management Plan RAA, 9-25-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 980 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name JAN 13 **CONFIDENTIAL**

Lease Name _____ License No. _____

Quarter _____ Sec. _____ 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, 130 S. Market - Room 2078, 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 1-13-98

Subscribed and sworn to before me this 13th day of January, 1998.

Notary Public [Signature]

Date Commission Expires July 23, 2001

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)

JULIE K. STOUT
Notary Public - State of Kansas
My Appt. Expires 7-23-2001

STATE CORPORATION COMMISSION

JAN 15 1998
1-15-98
CONFIDENTIAL DIVISION

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Milford Well # 1
 East County Meade
 Sec. 14 Twp. 30 Rge. 26 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 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:
 Dual Induction
 Compensated Neutron Density PE/Log

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 see attached sheet

CASING RECORD <input type="checkbox"/> New <input 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"	24	707	60/40 poz	365	2% gel, 3%

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

TUBING RECORD		Size	Set 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 <u>N-A</u> 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 _____



RITCHIE
EXPLORATION, INC.
Wichita, Kansas

#1 Milford
N/2 SE
Section 14-30S-26W
Meade County, Kansas
API#15-119-20983 0000

Sample Tops

Pilsbury	3615'(-1006)
Langdon Zn	3620'(-1011)
Tarkio	3674'(-1065)
RTD	3750'(-1141)

DST #1 3611' to 3650'
GTS 30" 2nd open
Gauged: 15.9 MCF/30"; 12.4 MCF/40"; 13.9 MCF/50"; 10.1 MCF/60";
5.0 MCF/65"
Rec: 30' GCM
IFP: 30-30#/30"; ISIP: 610#/45"
FFP: 24-24#/65"; FSIP: 836#/90"

ORIGINAL

CONFIDENTIAL

RECEIVED

JAN 15 2000

STATE CORPORATION COMMISSION

RUC

JAN 13

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 15 1998

CONFIDENTIAL

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

3190

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Wessa City

DATE <u>10-31-97</u>	SEC. <u>14</u>	TWP. <u>30</u>	RANGE <u>26</u>	CALLED OUT <u>12:00pm</u>	ON LOCATION <u>3:00pm</u>	JOB START <u>4:15pm</u>	JOB FINISH <u>5:00pm</u>
LEASE <u>Melphid</u>	WELL # <u>1</u>	LOCATION <u>Minneola low 1/2 S W.S. elev.</u>			COUNTY <u>Moore</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

RELEASED

CONTRACTOR <u>Picknell Drilling #1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	CEMENT <u>05 2000</u>
HOLE SIZE <u>12 1/4</u>	T.D. <u>711</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>710</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	

AMOUNT ORDERED FROM CONFIDENTIAL

365 6/40 3/cc 2/del.

COMMON	<u>219</u>	@	<u>7.55</u>	<u>1653.45</u>
POZMIX	<u>146</u>	@	<u>3.25</u>	<u>474.50</u>
GEL	<u>6</u>	@	<u>9.50</u>	<u>57.00</u>
CHLORIDE	<u>11</u>	@	<u>28.00</u>	<u>308.00</u>
		@		
		@		
		@		
		@		
		@		

HANDLING	<u>365</u>	@	<u>1.20</u>	<u>438.00</u>
MILEAGE	<u>76</u>			<u>1109.60</u>

TOTAL \$4040.55

EQUIPMENT

PUMP TRUCK # <u>224</u>	CEMENTER <u>J. Weyhous</u>
	HELPER <u>B. White</u>
BULK TRUCK # <u>260</u>	DRIVER <u>B. Norton</u>
BULK TRUCK #	DRIVER

JAN 13

REMARKS:

CONFIDENTIAL

SERVICE

Circ 8 7/8 cas, mix 365 6/40.
3/cc 2/del, Deep 45 BBL
Plug Down pm Cent
check Circ

DEPTH OF JOB	<u>710</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>560.00</u>
EXTRA FOOTAGE	<u>410'</u>	@	<u>.50</u>	<u>205.00</u>
MILEAGE ^{Lib.}	<u>66</u>	@	<u>2.85</u>	<u>188.10</u>
PLUG	<u>Rubber</u>	@	<u>90.00</u>	<u>90.00</u>
		@		
		@		

Thanks

TOTAL \$1043.10

CHARGE TO: Ritchie Exploration Inc.
 STREET PO Box 783188
 CITY Wichita STATE Ko ZIP 67278

FLOAT EQUIPMENT

	@		
	@		
STATE CORPORATE COMMISSION	@		
	@		
JAN 15 1998	@		

TOTAL

TAX	<u>0</u>
TOTAL CHARGE	<u>\$5083.65</u>
DISCOUNT	<u>\$762.55</u> IF PAID IN 30 DAYS

Net \$4321.10

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

[Signature]

ALLIED CEMENTING CO., INC.

3196

REMIT TO P.O. BOX 3
RUSSELL, KANSAS 67665

CONFIDENTIAL

ORIGINAL

SERVICE POINT:

Neosho City

DATE <u>11-6-97</u>	SEC. <u>14</u>	TWP. <u>30</u>	RANGE <u>26</u>	CALLED OUT <u>4:45 pm.</u>	ON LOCATION <u>7:25 pm.</u>	JOB START <u>7:45 pm.</u>	JOB FINISH <u>9:45 pm.</u>
LEASE <u>Mulford</u> WELL # <u>1</u>		LOCATION <u>Munneola Elev. 6w 1/2s</u>		COUNTY <u>Meade</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Pickrell Donly</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Rotary Plug</u>	CEMENT <u>0 3 2000</u>
HOLE SIZE <u>7 7/8</u>	T.D. <u>3750</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>710</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED	<u>125 6 3/4 6 3/4</u>
COMMON	<u>75 @ 7.55 566.25</u>
POZMIX	<u>50 @ 3.25 162.50</u>
GEL	<u>6 @ 9.50 57.00</u>
CHLORIDE	@
	@
	@
	@
	@
	@
HANDLING	<u>125 @ 1.20 150.00</u>
MILEAGE	<u>76 380.00</u>
TOTAL <u>\$ 1315.75</u>	

EQUIPMENT

PUMP TRUCK # <u>224</u>	CEMENTER <u>J. Weyhans</u>
BULK TRUCK # <u>311</u>	HELPER <u>B. White</u>
BULK TRUCK #	DRIVER
BULK TRUCK #	DRIVER

REMARKS:

CONFIDENTIAL SERVICE

<u>50 x e 1550</u>	DEPTH OF JOB <u>1550</u>
<u>50 x e 730</u>	PUMP TRUCK CHARGE <u>470.00</u>
<u>10 x e 40</u>	EXTRA FOOTAGE @
<u>15 x RH</u>	MILEAGE <u>66 @ 2.85 188.10</u>
	PLUG @
	@
	@
	@
	TOTAL <u>\$ 658.10</u>

CHARGE TO: Ritchie Exploration Inc.
STREET PO Box 783188
CITY Wichita STATE Ks ZIP 67278

FLOAT EQUIPMENT

	@
	@
	@
	@
	@
	@
	TOTAL

STATE COMMISSION

JAN 15 1998

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Richard Jora

TAX -0-
TOTAL CHARGE \$ 1973.85
DISCOUNT \$ 296.08 IF PAID IN 30 DAYS

Net \$ 1677.77