

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

API NO. 15- 135-23,973-00 **ORIGINAL**

County Ness

NW - - - Sec. 30 Twp. 19 Rge. 21W ^E_W

400 Feet from S (circle one) Line of Section

2215 Feet from E (circle one) Line of Section

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

Lease Name Moore D-P Well # 5

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2277 KB 2282

Total Depth 4396 PBTD

Amount of Surface Pipe Set and Cemented at 306 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1457 Feet

If Alternate II completion, cement circulated from 1457

feet depth to surface w/ 220 sx cmt.

Drilling Fluid Management Plan ALT 2 87 7-14-97
(Data must be collected from the Reserve Pit)

Chloride content 6400 ppm Fluid volume 664 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name KCC 00-04-1997

Lease Name JUN 2 License No.

 Quarter Sec. Twp. S Rng. E/W

County CONFIDENTIAL Docket No.

Operator: License # 4767 **CONFIDENTIAL**

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 691-9500

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: R. Milford

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SOW Temp. Abd.

 Gas ENHR SIGW

 Dry Other (Core, WSW, Exp., Cathodic, etc)

If Workover:

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.

3-5-97 3-11-97 4-4-97

Spud Date Date Reached TD Completion Date

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 5/24/97

Subscribed and sworn to before me this 30th day of MAY

19 97

Notary Public Lisa Thimmesch

Date Commission Expires

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

Operator Name Ritchie Exploration, Inc. Lease Name Moore "D-P" Well # 5

Sec. 30 Twp. 19 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

Radiation Guard Log

CASING RECORD <input checked="" 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 1/2"	8 5/8"		306	60/40 poz	175	2% gel 4% CC
production	7 7/8"	5 1/2"	15.5#	4377	60/40poz	110	10% salt 2% gel 10 bbl WFR2

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
	OH 4377'-4396'	250 gal 7.5% INS DSFE	Miss

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8"	4370		
Date of First, Resumed Production, SMD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
4-3-97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	39.49		15.36		

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled 4377' - 4396'
 Other (Specify) _____

RITCHIE EXPLORATION, INC.

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

ORIGINAL

#5 Moore "D-P"
400' FNL and 425' FEL, NW/4
Section 30-19S-21W
Ness County, Kansas
API# 15-135-23,973-00-00
Elevation: 2277' GL 2282' KB

CONFIDENTIAL

Log Tops

Anhydrite	1486'(+ 796)
B/Anhy	1519'(+ 763)
Heebner	3741'(-1459)
Lansing	3789'(-1507)
B/KC	4098'(-1816)
Pawnee	4204'(-1922)
Fort Scott	4284'(-2002)
Cherokee	4302'(-2020)
Miss Osage	4376'(-2094)
LTD	4381'(-2099)

RELEASED

SEP 28 1999

FROM

RCC

JUN 2

CONFIDENTIAL

15-135-23,973-00-00
RITCHIE EXPLORATION, INC.
WICHITA, KANSAS

KCC OIL/GAS REGULATORY OFFICE

RELEASED

DATE 3/20/97
OPERATOR Ritchie Exploration, Inc. # 4767

SEP 20 1999

- New Situation
- Response to Request
- Follow-up

NAME 125 N. Market, Ste. 1000
& ADDRESS Wichita, KS 67202

70' S & 95' W of
PRO LOCATION NE NE NW- SEC 30, T 19 S, R 21 W

LEASE Moore "D-P" Well # 5

PHONE NO 316-267-4375
OPER. OTHER

COUNTY Ness API#15-135-23,973

REASON FOR INVESTIGATION: Alternate II completion.

LEASE INSPECTION

PROBLEM:

PERSON(S) CONTACTED:

FINDINGS: 8 5/8" set at 306', TD @ 4381', 5 1/2" casing at 4377', Open hole
Port collar at 1457' cemented with 220 sx 65/35 Pozmix 6% gel 1/2# fluseal.
Cement did circulate.

COMPLAINT

ACTION/RECOMMENDATIONS: Alternate II cementing completed. photos taken:

FIELD REPORT X

Retain 1 copy Joint District Office
Send 1 copy Conservation Division

By Mike Maier

3/20/97

ORIGINAL

ALLIED CEMENTING CO., INC. 5632

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

CONFIDENTIAL

SERVICE POINT: St. Bernard

DATE <u>3-20-97</u>	SEC. <u>30</u>	TWP. <u>19</u>	RANGE <u>21</u>	CALLED OUT <u>6:00 AM</u>	ON LOCATION <u>8:30 AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>Moore A-P</u>		WELL # <u>S</u>	LOCATION <u>Baytown - 4S, 1/2E, 5/5</u>			COUNTY <u>Wass</u>	STATE <u>Ka</u>

OLD OR (NEW) (Circle one)

CONTRACTOR Plain Well Service

TYPE OF JOB Port collar

HOLE SIZE _____ T.D. 4381'

CASING SIZE 5 1/2" DEPTH _____

TUBING SIZE 2 1/2" DEPTH 1460'

DRILL PIPE _____ DEPTH _____

TOOL Port collar DEPTH 1460'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 300 lbs (6 3/8 6 7/8 1 1/2)

1/4" Diamond/Adm.

2 1/2" Bell (used 230 lbs cement)

COMMON <u>220 ALW</u>	@	<u>5.65</u>	<u>1243.00</u>
POZMIX _____	@	_____	_____
GEL <u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE _____	@	_____	_____
<u>Flo Seal 55 #</u>	@	<u>1.15</u>	<u>63.25</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING <u>300</u>	@	<u>1.05</u>	<u>315.00</u>
MILEAGE <u>15</u>			<u>180.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

224 HELPER Bob N.

BULK TRUCK

260 DRIVER Bill W.

BULK TRUCK

_____ DRIVER _____

TOTAL # 1820.25

REMARKS:

Ran 1460' of tubing & Poured Port collar.
Pressured to 800#. Spotted 2 1/2" Gel over
Port collar. Opened Port collar & broke
circulation. Mixed 270 lbs 6 3/8 6 7/8 1 1/2
1/4" Diamond/Adm & circulated to surface. Displaced
2 1/2" bbls closed Port collar & pressured to 1000#.
Worked tubing clean. Ran 10 lbs tubing and
worked hole clean.

SERVICE

DEPTH OF JOB 1460'

PUMP TRUCK CHARGE _____ 550.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 15 @ 2.85 42.75

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL # 592.75

CHARGE TO: Artelid Exploration, Inc

STREET 125 W. Market #1000

CITY Wichita STATE Ka ZIP 67202

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

RELEASED

SEP 28 1999

FRD

TAX - 0 -

TOTAL CHARGE \$ 2413.00

DISCOUNT \$ 361.95 IF PAID IN 30 DAYS

Net # 2051.05

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 Benjie Dills

ORIGINAL

ALLIED CEMENTING CO., INC.

2985

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

CONFIDENTIAL

SERVICE POINT:

Neos

DATE <u>3-5-97</u>	SEC. <u>30</u>	TWP. <u>19</u>	RANGE <u>21</u>	CALLED OUT <u>4:00pm.</u>	ON LOCATION <u>6:30pm</u>	JOB START <u>9:15pm</u>	JOB FINISH <u>9:40pm</u>
LEASE <u>Mome</u>	WELL # <u>DP#5</u>	LOCATION <u>Bayline 4s 1/2 5 3.5</u>			COUNTY <u>Neos</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR White & Sons #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 307
 CASING SIZE 8 5/8 DEPTH 306
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE Yes SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.

OWNER Same CEMENT

AMOUNT ORDERED 175 60/40
4% cc 2% Ad

COMMON	<u>105</u>	@	<u>6.10</u>	<u>640.50</u>
POZMIX	<u>70</u>	@	<u>3.15</u>	<u>220.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>7</u>	@	<u>28.00</u>	<u>196.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>1.05</u>	<u>183.75</u>
MILEAGE	<u>15</u>			<u>105.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER J. Weygand
 # 224 HELPER B. Norton
 BULK TRUCK
 # 260 DRIVER B. White
 BULK TRUCK
 # DRIVER

TOTAL \$ 1374.25

REMARKS:

SERVICE

mixed 175 60/40 4% cc 2% Ad
pumped plug to 291 with
used line cement did
case

DEPTH OF JOB	<u>306'</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE	<u>6</u>	@	<u>.41</u>	<u>2.46</u>
MILEAGE	<u>15</u>	@	<u>2.85</u>	<u>42.75</u>
PLUG 500 Rubber		@	<u>90.00</u>	<u>90.00</u>
		@		
		@		

TOTAL \$ 580.21

CHARGE TO: Ritchie Expl.
 STREET 125 N. Market Suite 1000
 CITY Wichita STATE KS ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

RELEASED

SEP 28 1999

FROM

TAX - 0 -

TOTAL CHARGE \$ 1954.46

DISCOUNT \$ 293.17 IF PAID IN 30 DAYS

Net \$ 1661.29

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 Gay Ward