

CONFIDENTIAL

SIDE ONE

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

API NO. 15- 135-24013 0000

ORIGINAL

County Ness

NW - SE - SE Sec. 25 Twp. 19S Rge. 22 ^E/_X W

920 Feet from SW (circle one) Line of Section

920 Feet from EW (circle one) Line of Section

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

Lease Name Humburg A-P Well # 3

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2270' KB 2279'

Total Depth 4385' PBDT 4500'

Amount of Surface Pipe Set and Cemented at 308.20 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 ALT II DPW
(Data must be collected from the Reserve Pit) 9-22-97

Chloride content 6800 ppm Fluid volume 980 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: 9-11-97

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco Trading & Trans.

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Bob Mathiesen

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:

RELEASED

Operator:

Well Name: MAR 28 2001

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6-22-97 6-29-97 7-22-97
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 9-3-97

Subscribed and sworn to before me this 3rd day of September, 19 97.

Notary Public [Signature]

Date Commission Expires July 23, 2001

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

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

JAMES WOOD

Operator Name Ritchie Exploration, Inc. Lease Name Humburg A-P Well # 3

Sec. 25 Twp. 19S Rge. 22 East West Ness County

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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:

Radiation Guard Log

Name	Formation (Top), Depth and Datums	
	Top	Datum
Anhydrite	1489'	(+ 790)
B/Anhydrite	1521'	(+ 758)
Heebner	3737'	(-1458)
Lansing	3785'	(-1506)
B/KC	4094'	(-1815)
Pawnee	4202'	(-1923)
Fort Scott	4284'	(-2005)
Cherokee	4306'	(-2027)
Mississippian	4377'	(-2098)
LTD	4385'	(-2106)

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"	23#	308.20	60/40 Poz	180	3%cc 2% gel
Production	7 7/8"	5 1/2"	14#	4380	60/40 Poz	140	10% salt 2% gel

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 2 7/8"	Set At 4363	Packer At n/a	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SUD or Inj. 7-22-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. 11	Gas - Mcf	Water Bbls. 38	Gas-Oil Ratio	Gravity
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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

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

4588

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

ORIGINAL

SERVICE POINT:

Ness City

DATE <u>6-30-97</u>	SEC. <u>25</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT <u>12:00AM</u>	ON LOCATION <u>2:30AM</u>	JOB START <u>6:30am</u>	JOB FINISH <u>8:45am</u>
LEASE NUMBER <u>WELL # AP 3</u>		LOCATION <u>Bazine las 1/4w 1/4s</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR Duba Dalg #4

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 4385

CASING SIZE 5 1/2 DEPTH 4380

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Part collar DEPTH 1464

PRES. MAX 1500# MINIMUM

MEAS. LINE SHOE JOINT 22.25

CEMENT LEFT IN CSG. 22.25

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED

140 6 3/4 10% salt 2% gel

500gal ASF

COMMON	<u>84</u>	@	<u>6.10</u>	<u>512.40</u>
POZMIX	<u>56</u>	@	<u>3.15</u>	<u>176.40</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE		@		
<u>salt</u>	<u>14</u>	@	<u>7.00</u>	<u>98.00</u>
<u>ASF</u>	<u>500gal</u>	@	<u>1.00</u>	<u>500.00</u>
		@		
		@		
HANDLING	<u>140</u>	@	<u>1.05</u>	<u>147.00</u>
MILEAGE	<u>17</u>			<u>95.20</u>

TOTAL \$1548.00

EQUIPMENT

M. Munsch

PUMP TRUCK CEMENTER 1 Weighman

224 HELPER B. White

BULK TRUCK

222 DRIVER D. Walls

BULK TRUCK

DRIVER

REMARKS:

circ 5 1/2 down, drop trip ball, circ
10m, drop insert ball circ 5 min
pump flush, plug RH, 15sx, cem
5 1/2 cas with 125 6 3/4 10% salt
2% gel, drop 1/4 1/4 1/4 float held

Thanks

SERVICE

DEPTH OF JOB 4380

PUMP TRUCK CHARGE 1090.00

EXTRA FOOTAGE @

MILEAGE 17 @ 2.85 48.45

PLUG Rubber @ 50.00 50.00

TOTAL \$1188.45

CHARGE TO: Ritchie Exploration

STREET PO Box 783188

CITY Wichita STATE Ks ZIP 67278

FLOAT EQUIPMENT

<u>1-5 1/2 triplex shoe</u>	@	<u>1498.00</u>	<u>1498.00</u>
<u>1 AEU Insert</u>	@	<u>263.00</u>	<u>263.00</u>
<u>1 Basket</u>	@	<u>142.00</u>	<u>142.00</u>
<u>4- Centerlines</u>	@	<u>56.00</u>	<u>224.00</u>
<u>1- Part Collar</u>	@	<u>2340.00</u>	<u>2340.00</u>

TOTAL \$4467.00

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

TAX 0

TOTAL CHARGE \$7203.45

DISCOUNT \$1080.52 IF PAID IN 30 DAYS

Net \$ 6122.93

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 Kennie Piller

