

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

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: Thorton Anderson

Well Name: Keller "B" #5

Comp. Date 5/76 Old Total Depth 3760

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back P8TD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
 Squeeze
10-3-95 10-19-95

~~Start~~ Date OF START Date Reached TO Completion Date OF OF WORKOVER WORKOVER

API NO. 15- 15-163-20,6200 001

County Rooks

W/2 SE SE Sec. 21 Twp. 10 Rge. 20W

660 Feet from S/W (circle one) Line of Section

990 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 Keller "P" Well # 5

Field Name _____

Producing Formation Arbuckle

Elevation: Ground 2172 KB KB _____

Total Depth 3764 P8TD 3764

Amount of Surface Pipe Set and Cemented at _____ 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 REWORK JX 1-11-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: RELEASED

Operator Name IEB 6 1997

Lease Name _____ FROM CONFIDENTIAL

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, 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.

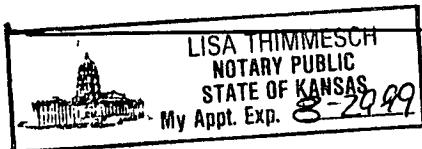
Signature [Signature]

Title President Date 12/15/95

Subscribed and sworn to before me this 15th day of December 19 95

Notary Public Lisa Thimmesch

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
<input checked="" type="checkbox"/>	F	Letter of Confidentiality Attached
<input type="checkbox"/>	C	Wireline Log Received
<input type="checkbox"/>	C	Geologist Report Received
Distribution		
<input checked="" 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)

RELEASED
FEB 6 1997
RECEIVED
12-18-95
KANSAS CORPORATION COMMISSION

ORIGINAL

Operator Name Ritchie Exploration, Inc. Lease Name Keller #1 Well # 5

Sec. 21 Twp. 10 Rge. 20W East County Rooks 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 <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	Name	Top	Datum									
Name	Top	Datum											

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

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1288' 1317'	Common	250	3% CC

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
	3756.5'-59.5	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3745</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>10-19-95</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>4.5</u>	Gas Mcf	Water Bbls. <u>129</u>	Gas-Oil Ratio

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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ALLIED CEMENTING CO., INC.

2374

15-163-20620-0001

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

ORIGINAL

SERVICE POINT:

Russell

DATE <u>10-4-95</u>	SEC. <u>21</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>9:45 AM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>KELLER</u>	WELL # <u>P-5</u>	LOCATION <u>Palco 5 1/2 S 3/4 E 1/4 N</u>			COUNTY <u>Roooks</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Leons Dalg, Service
 TYPE OF JOB Hunt Holes (Squeeze)
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2" DEPTH _____
 TUBING SIZE 2" DEPTH _____
 DRILL PIPE (Norman) DEPTH _____
 TOOL X-PERT Oil Tools DEPTH 1163
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. Holes @ 1288-1319

OWNER _____
 CEMENT

AMOUNT ORDERED 250 SK COM, 3% CC
1 SK SAND

COMMON	<u>250</u>	@	<u>6.10</u>	<u>1525.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>8</u>	@	<u>28.00</u>	<u>224.00</u>
<u>Sand</u>	<u>1</u>	@	<u>5.25</u>	<u>5.25</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>10.5</u>	<u>262.50</u>
MILEAGE <u>34m</u>			<u>04</u>	<u>340.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alvin RELEASED
 # 177 HELPER Will
 BULK TRUCK PER 6 1997
 # 282 DRIVER Steve
 BULK TRUCK _____
 # _____ DRIVER _____ FROM CONFIDENTIAL

TOTAL 2356.75

REMARKS:

BRIDGE Plug @ 3112' Set packer @ 3075 + Test
Tools To 1500# (held) SPOT 1SK SAND. CAME UP
+ FOUND Hole @ 1288-1319' Set Packer @
1163' Took RATE OF 1 1/8" PER MIN @ 600#
SHUT IN BACKSIDE @ 500# (held), Mixed
250 SK COM, 3% CC, Staggered + Squeezed
@ 600#. Released Packer, & WASHED AROUND.
Rechecked @ 600# held, WASHED CSG CLEAN
TO TOP OF HOLE. Pulled To 1130' & set
packer, SHUT IN @ 200#.
 CHARGE TO: RITCHIE Exploration

STREET 125 N Market, # 1000
 CITY Wichita STATE Kan ZIP 67202

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE	<u>988'</u>	@	<u>41</u> <u>405.08</u>
MILEAGE	<u>34m</u>	@	<u>235</u> <u>79.90</u>
PLUG		@	
<u>Squeeze MANIFOLD</u>		@	

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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 _____

RECEIVED
 TOTAL \$929.98
 DEC 18 1995
 STATE COOPERATION COMMISSION
 WICHITA, KANSAS