

ORIGINAL

SIDE ONE

15-195-20910-00-02

02

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

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278-3188

Purchaser: Texaco Trading & Transp.

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: EXPRESS WELL SERVICE

License: 6426

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover/Reentry: Old Well Info as follows:

Operator: Ritchie Explo., Inc.

Well Name: #1 Spena "D"

Comp. Date 3-31-82 Old Total Depth 4088

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

Squeeze 10-1-97 10-3-97
Date of START Date Reached TD Completion Date of WORKOVER

API NO. 15- 195-20,910 0007
County Trego
SW -SE -NW- Sec. 32 Twp. 11 Rge. 22 E W
2970 Feet from S(N) (circle one) Line of Section
3630 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 Spena D Well # 1
Field Name _____
Producing Formation Marmaton, L/KC
Elevation: Ground 2406 KB 2411
Total Depth 4088 PBTD 4013
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 JTK 8-23-98
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. 22
Quarter _____ Sec. _____ Twp. _____
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 12-22-97

Subscribed and sworn to before me this 22nd day of December, 1997.

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 _____ SMD/Rep _____ NGPA _____
KGS _____ Plug _____ Other _____ (Specify)
12-23-97
12-23-97

RELEASED
MAY 8 2001
5-8-2001

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

Operator Name Ritchie Exploration, Inc. Lease Name Spena "D" Well # 1

East

County Trego

Sec. 32 Twp. 11 Rge. 22

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:

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

CASING RECORD

New 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 type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	233-	60/40 Pozmix	170	3% cc
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	1333			

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
	CIBP at 4013'		
4	3991'-4024'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4005'	n/a	
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)			
10-3-97				
Estimated Production Per 24 Hours	Oil 4 Bbls.	Gas n/a Mcf	Water 58 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 3991'-4024'

Production Interval Other (Specify) _____

ORIGINAL

15-195-20910-00-02

ALLIED CEMENTING CO., INC. 9439

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

SERVICE POINT: R

CONFIDENTIAL

DATE <u>10-1-97</u>	SEC <u>31</u>	TWP <u>11S</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:00pm</u>
LEASE <u>Spencer</u>	WELL # <u>1</u>	LOCATION <u>Gallah 3N3W1/2 N</u>			COUNTY <u>Trego</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)				<u>1/4 E</u>			

CONTRACTOR Express well Service

TYPE OF JOB Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Express DEPTH 1112

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 225 69 3% CC

used 170 sk

COMMON	<u>102</u>	@	<u>6.35</u>	<u>647.70</u>
POZMIX	<u>68</u>	@	<u>3.25</u>	<u>221.00</u>
GEL	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
CHLORIDE		@		
	<u>12-22</u>	@		
	<u>DEC 22</u>	@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>236.25</u>
MILEAGE	<u>44 / Sk / Mile</u>			<u>297.00</u>
TOTAL				<u>1547.95</u>

EQUIPMENT

177 Dave

PUMP TRUCK CEMENTER Will

HELPER

BULK TRUCK

DRIVER

BULK TRUCK

282 DRIVER Bill M

REMARKS:

Tested plug @ 1200 psi + held

holes @ 1233 - 1232 tight holes

top & bottom, middle hole @ 4881 @ 400 psi

spot 20% @ 1233 pulled to 1112 mixed

150 sk stayed @ 1200 psi. wash around tool

squeezed @ 1200 psi. wash out 2 IT's rechecked

@ 1200 psi + held. pulled tubing + load

hole.

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 470.00

EXTRA FOOTAGE 812 @ 434 349.46

MILEAGE 33 @ 285 94.05

PLUG _____ @ _____

RELEASED @ _____

TOTAL 913.51

CHARGE TO: Ritchie Exploration

STREET Box 783188

CITY Wichita STATE Kansas ZIP 67278-3188

MAY 0 8 2001
5-8-2001
FROM CONFIDENTIAL

FLOAT EQUIPMENT

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]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

RECEIVED
KANSAS CORP COMM
12-23-1997
TOTAL 12:00