

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

API NO. 15- 135-23898 0000

COPY *Paul*

County Ness County, Kansas

CONFIDENTIAL

^{SOUTH} NE-SW-SW Sec. 31 Twp. 19S Rge. 21 XX^E

Operator: License # 4767

895 Feet from S (circle one) Line of Section

Name: Ritchie Exploration Inc.

895 Feet from E/W (circle one) Line of Section

Address 125 North Market, Suite 1000

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

City/State/Zip Wichita, Kansas 67202

Lease Name Foos A-P Twin Well # 1

Purchaser: _____

Field Name Schaben

Operator Contact Person: Bob Mathiesen

Producing Formation Mississippi

Phone (316) 267-4375

Elevation: Ground 2260 KB 2269

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 4445' PBTD 4397

License: 5929

Amount of Surface Pipe Set and Cemented at 332.62 Feet

Wellsite Geologist: Rocky Milford

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion

If yes, show depth set 1470 Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from 1470

Oil SWD SLOW Temp. Abd.

feet depth to surface w/ 173 sx cmt.

Gas ENHR SIGW

Drilling Fluid Management Plan ALT 2 8/24 8-30-96
(Data must be collected from the Reserve pit)

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

If Workover:

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Operator: _____

Chloride content 54000 ppm Fluid volume 1285 bbls

Well Name MAR 23 1998

Dewatering method used evaporation

Comp. Date FROM CONFIDENTIAL Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD

Operator Name _____

Plug Back PBTD

Lease Name _____ License No. _____

Commingled Docket No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

County _____ Docket No. _____

08-04-95 08-12-95 08-13-95

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 hereon are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 11/28/95

Subscribed and sworn to before me this 28th day of November, 1995.

Notary Public [Signature]
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 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)		

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

RECEIVED Form ACO-1 (7-91)
KANSAS CORPORATION COMMISSION

NOV 29 1995

Operator Name Ritchie Exploration Inc. Lease Name Foos A-P Twin Well # 1

Sec. 31 Twp. 19S Rge. 21

East
 West

Country Ness County, Kansas

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.)

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

See attached sheet

NOV 27

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COPY

List All E.Logs Run: Micro-Resistivity Log
Spectral Gamma Ray Log
Borehole Compensated Sonic Integrated Transit Time Log
Correlation Log, Array Induction Shallow Focused Electric Log
Compensated Neutron Compensated Photo-Density Log

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CASING RECORD

New Used

MAR 23 1998

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#	332.62'	60/40 Poz	185	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4444'	EA2	170	18% salt 5% sea

FROM CONFIDENTIAL

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	4400-04	Common	50	
<input type="checkbox"/> Protect Casing	4393-94.5	Common	50	
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	4394-95.5	Standard & Micro Matrix	50 of each	

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
4	4393.5'-4395' Miss.	200 gal 7.5% FE w/one gal. surfactant, one gal. Penn 88, 1 gal clay-stay	same

TUBING RECORD	Size <u>2 7/8"</u> Set At <u>4364</u> Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)	
Estimated Production Per 24 Hours	Oil Bbls. <u>9.24</u> Gas Mcf <u>252.76</u>	Water Bbls. <u>252.76</u> 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. Cemented 4393.5'-4395'
 Other (Specify) _____

NOV 29 1995

RITCHIE EXPLORATION, INC.

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

COPY

#1 Foos "A-P" Twin
895' FSL & 895' FWL
Section 31-19S-21W
Ness County, Kansas
API# 15-135-23,898
Elevation: 2260' G.L. 2269' K.B.

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ELECTRIC LOG TOPS

Anhydrite	1504' (+ 765)
B/Anhy	1536' (+ 733)
Heebner	3766' (-1497)
Lansing	3812' (-1543)
B/KC	4122' (-1853)
Pawnee	4228' (-1959)
Fort Scott	4310' (-2041)
Cherokee	4332' (-2063)
Miss	4393' (-2124)
LTD	4445' (-2176)

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MAR 23 1998

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DST #1 from 4295' to 4330' (Fort Scott). Recovered 20' of gas in pipe and 30' of very slight oil cut mud (3% oil, 97% mud).

IFP:44-44#/30"; ISIP:986#/30";
FFP:52-52#/30"; FSIP:895#/30".

DST #2 from 4412' to 4424' (Electric log measurements) (Mississippi). Recovered 160' very slightly oil specked muddy water, 2000' very slightly oil specked water.

IFP:218-729#/20"; ISIP:1255#/20";
FFP:767-1055#/20"; FSIP:1255#/20".

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KANSAS CORPORATION COMMISSION

NOV 29 1995

CONSERVATION DIVISION
WICHITA, KS