

RELEASED FROM CONFIDENTIAL WELL HISTORY - DESCRIPTION OF WELL & LEASE

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: _____
License: _____

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Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

KCC
APR 01 2004

If Workover/Re-entry: Old Well Info as follows:
Operator: Ritchie Exploration, Inc.
Well Name: Pember 11D #1
Original Comp. Date: 10/1/03 Original Total Depth: 4630
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 4344' Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>01/05/04</u>	<u>1/14/04</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 171-20581-00-01
County: Scott
N2 - SE - SE - Sec. 11 Twp. 17 S. R. 31 East West
1100 feet from (S) N (circle one) Line of Section
660 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Pember 11D Well #: 1
Field Name: Scola South
Producing Formation: Pleasanton
Elevation: Ground: 2907 Kelly Bushing: 2912
Total Depth: 4630 Plug Back Total Depth: 4344
Amount of Surface Pipe Set and Cemented at 316 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2251 Feet
If Alternate II completion, cement circulated from 2251
feet depth to surface w/ 335 sx cmt.
ALT II WHM 10-11-06

Drilling Fluid Management Plan
(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.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: _____
Title: Production Manager Date: 4/1/2004
Subscribed and sworn to before me this 15th day of April
20 04
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/2007

KCC Office Use ONLY
Yes Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Ritchie Exploration, Inc. Lease Name: Pember 11D Well #: 1
Sec. 11 Twp. 17 S. R. 31 East West County: Scott

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Dual Compensated Porosity Log

Formation (Top), Depth and Datum Sample

Name

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SEE ATTACHED SHEET

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CASING RECORD table with columns: 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. Includes rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes rows for Perforate, Protect Casing, Plug Back TD, and Plug Off Zone.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Includes rows for CIBP @ 4344' and various intervals.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run. Includes values for 2.375" size and 4294' set at.

Date of First, Resumerd Production, SWD or Enhr. table with columns: Date, Producing Method. Includes date 1/15/04 and method Pumping.

Estimated Production Per 24 Hours table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity. Includes values for 10 Oil Bbls, 13 Water Bbls, and 35.0 Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval. Includes checkboxes for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled, and Other (Specify).



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RITCHIE

EXPLORATION, INC.
Wichita, Kansas

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#1 Pember 11D
1100' FSL & 660' FEL
Section 11-17S-31W
Scott County, Kansas
API# 15-171-20581
L.D. Drilling, Inc., Rig #1
Field: Kim Shoemaker
Office: Rocky Milford
Elevation: 2,907' GL: 2,912' KB

RELEASED
FROM
CONFIDENTIAL

DRILLING REPORT

Sample Tops

Stone Corral	2267	+645
Massive Anhydrite	2308	+604
B/Anhydrite	2330	+582
Stotler	3532	-620
Topeka	3680	-768
Heebner	3909	-997
Lansing	3945	-1033
Muncie Creek	4124	-1212
Stark	4214	-1302
B/KC	4294	-1382
Marmaton	4335	-1423
Altamont B-1 zone	4366	-1434
Pawnee	4415	-1503
Cherokee	4489	-1577
Johnsonzone	4526	-1614
Miss	4574	-1662
RTD	4630	-1718

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ORIGINAL

ALLIED CEMENTING CO., INC.

14340

KCC

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

APR 01 2004

SERVICE POINT:

Ness City

CONFIDENTIAL

DATE <i>1-10-04</i>	SEC. <i>11</i>	TWP. <i>17s</i>	RANGE <i>31w</i>	CALLED OUT <i>6:00 AM</i>	ON LOCATION <i>9:30 AM</i>	JOB START <i>10:00 AM</i>	JOB FINISH <i>3:05 PM</i>
LEASE <i>Pember</i>	WELL # <i>#1</i>	LOCATION <i>Healy - 2 west - 1/2 south</i>			COUNTY <i>Scott</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)			<i>west into</i>				

CONTRACTOR *H.O. Oil Field Services*
 TYPE OF JOB *Squeeze*
 HOLE SIZE _____ T.D. _____
 CASING SIZE *5 1/2* DEPTH *4074' / 180'*
 TUBING SIZE *2"* DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX *2000 lbs* MINIMUM *500 lbs*
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. *approx 86'*
 PERFS. _____
 DISPLACEMENT _____

OWNER *RITCHIE EXPLORATION*
 CEMENT
 AMOUNT ORDERED *1500 cu common + 23x sand on side*
Used all cement

COMMON <i>1500 cu</i>	@ <i>8.33</i>	<i>1252.50</i>
POZMIX _____	@ _____	_____
GEL RELEASED _____	@ _____	_____
CHLORIDE _____	@ _____	_____
FROM _____	@ _____	_____
CONFIDENTIAL _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <i>1500 cu</i>	@ <i>1.15</i>	<i>172.50</i>
MILEAGE <i>150 x .05 x 46</i>		<i>345.00</i>

EQUIPMENT

PUMP TRUCK # <i>204</i>	CEMENTER <i>Jack</i>
BULK TRUCK # <i>341</i>	HELPER <i>Jim</i>
BULK TRUCK # _____	DRIVER <i>Steve</i>
BULK TRUCK # _____	DRIVER _____

TOTAL *1770.00*

REMARKS:

Hook up to 2" tubing - 5 1/2 egg - load hole - take injection rate - mix 120 cu cement - Displace 8 1/2 BBLs fresh water - pressure to 2000 lbs - reverse long way with approx 100 BBLs of water - pressure up - hold - pull tubing - pressure to 300 lb - shut in -

Thanks

SERVICE

DEPTH OF JOB <i>4180'</i>		<i>650.00</i>
PUMP TRUCK CHARGE		<i>1195.00</i>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <i>46</i>	@ <i>3.50</i>	<i>161.00</i>
PLUG _____	@ _____	_____
RECEIVED _____	@ _____	_____

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TOTAL *1356.00*
811.00

CHARGE TO: *RITCHIE EXPLORATION*

KCC WICHITA

STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

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.

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

SIGNATURE *Bernie Dille*

PRINTED NAME _____