

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

API NO. 15- 065-22,632-00-00 **CONFIDENTIAL**
County Graham **FROM CONFIDENTIAL**

NW NW SW Sec. 11 Twp. 6S Rge. 22W East West X

2310 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

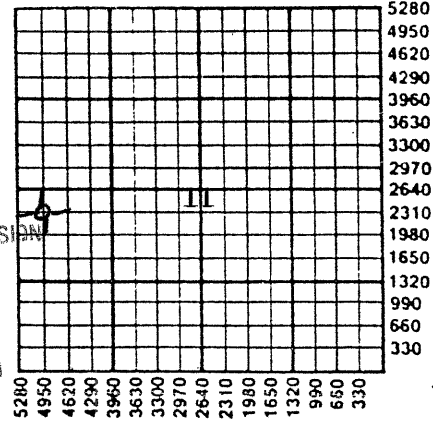
Lease Name Pakkebier-11C Well # 1

Field Name unnamed

Producing Formation n/a

Elevation: Ground 2268' KB 2273'

Total Depth 3830' PBTD n/a



AIR DRY

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Bob Mathiesen

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

4/24/91 4/30/91 5/01/91
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 262 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 262'
feet depth to surface w/ 200 sx cmt.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
8-12-91
AUG 12 1991
CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 President Date 8/05/91

Subscribed and sworn to before me this 5th day of August, 19 91.

Notary Public Linda K. Rice
Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Pakkebier-11C Well # 1
 Sec. 11 Twp. 6S Rge. 22 East West
 County Graham

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.)

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

(See attached page). **PLEASE KEEP THIS INFORMATION CONFIDENTIAL** (See attached page).

| CASING RECORD <input type="checkbox"/> New <input checked="" 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" | 28# | 262' | 60/40 poz | 200 | 2%gel, 3%CC |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | Specify Amount and Kind of Material Used | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| | Size | Set At | Packer At | | | | |
| Date of First Production | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | | |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval _____

ORIGINAL

CONFIDENTIAL
RELEASED

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

RITCHIE EXPLORATION, INC. Wichita, Kansas 67202-1775

License #4767

316-267-4375 FAX 316-267-3026

#1 Pakkebier-11C

NW NW SW

Section 11-6S-22W

Graham County, KS

API# 15-065-22,632

SEP 09 1992

9-9-92

FROM CONFIDENTIAL KCC

AUG 15

RECEIVED CONFIDENTIAL
STATE CORPORATION COMMISSION

ACO-1 form

Page 2

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

AUG 12 1991

CONSERVATION DIVISION
Wichita, Kansas

DRILL STEM TESTS

DST #1 from 3432' to 3474'
(Oread "A" & "B"). Recovered
854' of salt water with scum of
oil.
IFP:115-250#/30"; ISIP:1152#/30";
FFP:317-432#/30"; FSIP:1124#/30".

DST #2 from 3478' to 3519'
(Toronto). Recovered 3' of free
oil, 460' of salt water.
IFP:96-163#/30"; ISIP:769#/30";
FFP:201-240#/30"; FSIP:730#/30".

DST #3 from 3516' to 3540'
(Lansing Top zone). Recovered
3' of mud, no show oil.
IFP:38-38#/30"; ISIP:38#/30";
FFP:38-38#/30"; FSIP:38#/30".

DST #4 from 3543' to 3581'
(35' & 50' zones). Recovered
1,159' of salt water.
IFP:96-346#/30"; ISIP:1124#/30";
FFP:394-451#/30"; FSIP:1124#/30".

DST #5 from 3623' to 3690' (140'-180' zones). Recovered
15' of oil cut mud (15% oil, 85% mud).
IFP:67-67#/30"; ISIP:355#/30";
FFP:67-67#/30"; FSIP:105#/30".

DST #6 from 3686' to 3726' (200' & 220' zones). Recovered
4' of free oil and 10' of oil cut mud (10% oil, 90% mud).
IFP:52-52#/45"; ISIP:632#/45";
FFP:52-52#/45"; FSIP:105#/45".

ELECTRIC LOG TOPS

| | |
|-------------|---------------|
| Anhydrite | 1948' (+ 325) |
| B/Anhydrite | 1981' (+ 292) |
| Topeka | 3317' (-1044) |
| Heebner | 3482' (-1209) |
| Toronto | 3507' (-1234) |
| Lansing | 3525' (-1252) |
| B/KC | 3714' (-1441) |
| Cgl. Sand | 3767' (-1494) |
| Arbuckle | 3799' (-1526) |
| LTD | 3827' (-1544) |

RELEASED

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

SEP 09 1992

1003580

FROM CONFIDENTIAL

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

INVOICE NO. 59368

PURCHASE ORDER NO. _____

LEASE NAME Pakkebler 11-C #1

DATE April 24, 1991

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

SERVICE AND MATERIALS AS FOLLOWS:

| | | |
|-------------------------------------|---------------|-----------------|
| Common 120 sks @\$5.25 | \$ 630.00 | |
| Pozmix 80 sks @\$2.25 | 180.00 | |
| Chloride 6 sks @\$21.00 | <u>126.00</u> | \$ 936.00 |
| Handling 200 sks @\$1.00 | 200.00 | |
| Mileage (43) @\$0.04¢ per sk per mi | 344.00 | |
| Surface | 380.00 | |
| Mi @\$2.00 pmp. tk. | 86.00 | |
| 1 plug | <u>73.00</u> | <u>1,083.00</u> |

Total \$ 2,019.00

Cement circ.

RECEIVED
STATE CORPORATION COMMISSION

AUG 12 1991

KCC
AUG 5
CONFIDENTIAL

THANK YOU

0100-0270-2019.00
500 170 = 40.807

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

ORIGINAL

RELEASED
CONFIDENTIAL

2005 SEP 09 1992

TO: Ritchie Exploration Inc.

125 N. Market #1000

Wichita, Kansas 67202

MAY 01 1003928
FROM CONFIDENTIAL

INVOICE NO. 59419

PURCHASE ORDER NO. 10-111-2001

LEASE NAME Pakkebler LLC #1

DATE May 1, 1991

SERVICE AND MATERIALS AS FOLLOWS:

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

PA DRY HOLE D.O. 1.1

| | |
|-------------------------------------|-----------|
| Common 135 sks @\$5.25 | \$ 708.75 |
| Pozmix 90 sks @\$2.25 | 202.50 |
| Gel 8 sks @\$6.75 | 54.00 |
| Floseal 50#@\$1.00 | 50.00 |
| Handling 225 sks @\$1.00 | 225.00 |
| Mileage (43) @\$0.04c per sk per mi | 387.00 |
| Plugging | 475.00 |
| M1 @\$2.00 pmp. trk. | 86.00 |
| 1 plug | 21.00 |

\$ 1,015.25

RECEIVED
STATE CORP. DIVISION OF MASSACHUSETTS

1,194.00

- 25 sks. @3800'
- 25 sks. @1950'
- 100sks. @1175'
- 40 sks. @ 300'
- 10 sks. @ 40'
- 15 sks. in R. H.
- 10 sks. in M. H.

AUG 12 1991

Total

\$ 2,209.25

COMP. DIVISION
WICHITA, KANSAS

1100-0770 = 2209.25
3820/70 = 331.397
THANK YOU

KCC

AUG 15

CONFIDENTIAL

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

copy 40 Yair da 6-3-91