

CONFIDENTIAL ORIGINAL

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

API NO. 15- 15-065-22,605 -00-00

RELEASED

County Graham

3-29-93
MAR 29 1993

NW NE SW Sec. 1 Twp. 6S Rge. 23 East West

Operator: License # 4767

2310 Ft. North from Southeast Corner of Section

Name: Ritchie Exploration, Inc.

2630 Ft. West from Southeast Corner of Section

Address 125 N. Market, Suite 1000

(NOTE: Locate well in section plat below.)

City/State/Zip Wichita, KS 67202

Lease Name John Kemper Well # 4

Field Name Kemper

Producing Formation n/a

Elevation: Ground 2345' KB 2350'

Total Depth 3790' PBDT n/a

Purchaser: n/a

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Kitt Noah

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp. Abd.
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply, etc.)

If ~~OMNO~~: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

11/07/90 11/12/90 11/12/90

Spud Date Date Reached TD Completion Date

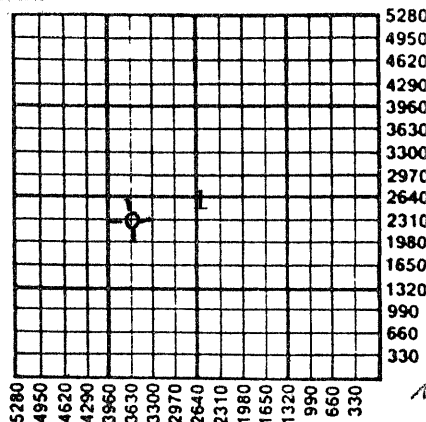
Amount of Surface Pipe Set and Cemented at 260' Feet

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.



ALR DRA

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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.

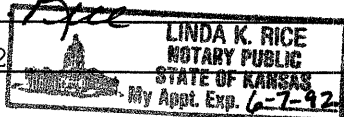
Signature _____

Title President Date 2/18/91

Subscribed and sworn to before me this 18th day of February, 19 91.

Notary Public Linda K. Rice

Date Commission Expires 6/07/92



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)

100231000

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name John Kemper Well # 4

Sec. 1 Twp. 6S Rge. 23W 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.)

DST #1 from 3694'-3726' (160'-180' zones). Rec. 2' of mud.
IFP:43-43#/30"; ISIP:53#/45";
FFP:43-43#/30"; FSIP:53#/45"

Formation Description		
Name	Top Bottom	
		<input checked="" type="checkbox"/> Log
Anhydrite		2051' (+ 299)
B/Anhydrite		2078' (+ 272)
Topeka		3322' (- 972)
Heebner		3522' (-1172)
Toronto		3548' (-1198)
Lansing		3563' (-1213)
B/KC		3769' (-1419)
LTD		3788' (-1438)

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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
Surface	12 1/4"	8-5/8"	28#	260'	60/40 poz	180	2%gel, 3%CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift 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 _____

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67465

02003

ORIGINAL

NOV 90

1 0 0 2 5 2 8

TO: Ritchie Exploration Inc.

INVOICE NO. 57957

125 N. Market #1000

PURCHASE ORDER NO.

Wichita, Kansas 67202

W. 4590004

LEASE NAME John Keeper #4

DATE Nov. 7, 1990

SERVICE AND MATERIALS AS FOLLOWS:

FEB 22 1991

Common 108 sks @\$5.25	\$ 567.00
Pozmix 72 sks @\$2.25	162.00
Chloride 5 sks @\$21.00	<u>105.00</u>
Handling 180 sks @\$1.00	180.00
Mileage (40) @\$0.03¢ per sk per mi	264.60
Surface	380.00
Mileage @\$2.00 pmp. trk.	98.00
1 plug	<u>73.00</u>

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RELEASED

\$ 2 819960

FROM CONFIDENTIAL

995.60

Total \$ 1,829.60

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

Cement circ.

-Cement SURFACE 1/4

6100.0270 = 1879.60

3820/70 = 365.92

NOV 26 1990

THANK YOU

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

FOR YOUR
INFORMATION

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

02003

ORIGINAL

TO: Ritchie Exploration, Inc.
125 N. Market Suite 1000
Wichita, KS 67202

INVOICE NO. 57989 *JN*

PURCHASE ORDER NO. _____

LEASE NAME J. Kemper #4

DATE Nov. 12, 1990

RELEASED

MAR 29 1993

W 4590004

SERVICE AND MATERIALS AS FOLLOWS:

FROM CONFIDENTIAL
FEB 22 1991

Common	120 sks @ \$5.25	\$ 630.00	
Poz Mix	80 sks @ \$2.25	180.00	
Gel	7 sks @ \$6.75	47.25	\$ 857.25
		<hr/>	
Handling	200 sks @ \$1.00	200.00	
Mileage (#9)	@ \$.03 per sk per mi	294.00	
Plugging		380.00	
Mi @ \$2.00 Pmp Trk		98.00	
Plug		21.00	
		<hr/>	993.00

\$ 857.25

993.00

\$ 1,850.25

Total

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- 25 sks @ 2075'
- 100 sks @ 1200'
- 40 sks @ 310'
- 10 sks @ 40'
- 15 sks in RH
- 10 sks in MH

THANK YOU

Cement to PA

*6100.0770 = 1850.25
3820/40 = {370.05}*

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