

ORIGINAL <sup>SIDE ONE</sup> CONFIDENTIAL

MAR 05 1992

3-5-92

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

API NO. 15- 065-22,606-00-00  
County Graham FROM CONFIDENTIAL

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: 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 ~~OWO~~: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  Mud Rotary  Air Rotary  Cable

11/13/90 11/19/90 11/20/90

Spud Date Date Reached TD Completion Date

70' N of  
NE NE SW Sec. 15 Twp. 6S Rge. 23  East West  
2380  Ft. North from Southeast Corner of Section  
2970  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

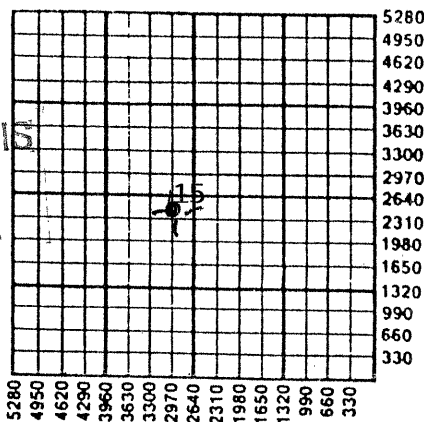
Lease Name Craig Davis Well # 1

Field Name unknown

Producing Formation n/a

Elevation: Ground 2372' KB 2377'

Total Depth 3820' PBTD n/a



Air-D 12-0-A

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

2-22-91

Amount of Surface Pipe Set and Cemented at 258' 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.

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.

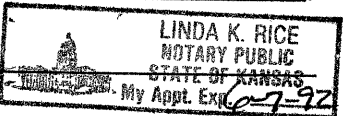
Signature [Signature]

Title President Date 2/19/91

Subscribed and sworn to before me this 19th 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)

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Craig Davis

Well # 1

Sec. 15 Twp. 6S Rge. 23

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.)

(See attached page).

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

Formation Description

Log  Sample

Name	Top	Bottom
Anhydrite		2037' (+ 340)
B/Anhy		2070' (+ 307)
Topeka		3364' (- 987)
Heebner		3560' (-1183)
Toronto		3584' (-1207)
Lansing		3601' (-1224)
B/KC		3790' (-1413)
LTD		3818' (-1441)

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#	258'	60/40/poz	180	2%gel, 3%CC

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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

ORIGINAL

MAR 05 1992

## RITCHIE EXPLORATION, INC.

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

FROM CONFIDENTIAL  
FEB 22 1991

Ritchie Exploration, Inc. #4767  
#1 Craig Davis  
70' N of NE NE SW  
Section 15-6S-23W  
Graham County, Kansas  
API# 15-065-22,606  
ACO-1 form  
Page 2

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIALDRILL STEM TESTS:

DST #1 from 3550' to 3595' (Toronto).  
Recovered 380' of salt water.  
IFP:96-134#/30"; ISIP:1267#/45";  
FFP:192-221#/30"; FSIP:1229#/45".

DST #2 from 3594' to 3620' (Top zone).  
Recovered 620' of muddy water.  
IFP:96-163#/30"; ISIP:1238#/45";  
FFP:230-269#/30"; FSIP:1209#/45".

DST #3 from 3659' to 3700' (70', 90' &  
100' zones). Recovered 1,800' of salt  
water.  
IFP:144-471#/30"; ISIP:1267#/30";  
FFP:557-740#/30"; FSIP:1267#/30".

DST #4 from 3701' to 3732' (140' zone).  
Recovered 360' of salt water.  
IFP:76-0153/30"; ISIP:1276#/45";  
FFP:134-163#/30"; FSIP:1276#/45".

DST #5 from 3743' to 3768' (180' zone). (Log measurements) w/straddle  
packers. Recovered ½' of free oil and 90' of salt water.  
IFP:76-76#/30"; ISIP:1324#/45";  
FFP:96-96#/30"; FSIP:1286#/45".

DST #6 from 3634' to 3656' (50' zone). (Log measurements) w/ straddle  
packer. Recovered 2,000' of salt water.  
IFP:230-586#/15"; ISIP:1171#/15";  
FFP:682-846#/15"; FSIP:1171#/15".

ORIGINAL

TELEPHONE:  
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665

02003  
RELEASED  
MAR 05 1992

FROM CONFIDENTIAL

TO: Ritchie Exploration, Inc.

INVOICE NO. 1002578  
579878

125 N. Market Suite 1000

PURCHASE ORDER NO.                     

Wichita, KS 67202      W-2040001

LEASE NAME (C) Ritchie Exploration  
~~J. Ritchie~~

DATE Nov. 13, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 108 sks @ \$5.25	\$ 567.00
Poz Mix 72 sks @ \$2.25	162.00
Gel 3 sks @ \$6.75	.00
Chloride 5 sks @ \$21.00	105.00
<hr/>	
Handling 180 sks @ \$1.00	180.00
Mileage (49) @ \$.03 per sk per mi	352.80
Surface	380.00
Mi @ \$2.00 Pmp Trk	98.00
Plug	42.00
<hr/>	

FEB 22 1991

\$ 834.00

1,052.80

Total \$ 1,886.80

Cement Circ.

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

6100-0270-158630  
3820/70 = 158630

NOV 26 1990

Cement Surface Co. —  
THANK YOU

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

RELEASED

MAR 05 1992

FROM CONFIDENTIAL

**ORIGINAL**  
**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 31  
RUSSELL, KANSAS 67665

*Group*  
*D.O.*

*02003*

TELEPHONE:  
AREA CODE 913 483-2627

*OK/PL*

TO: Ritchie Exploration Inc.  
1705 Anthony Drive  
Hays, Kansas 67601

INVOICE NO. 58076  
PURCHASE ORDER NO. TCN  
LEASE NAME Craig Davis #1  
DATE Nov. 20, 1990

*w. 204000*

SERVICE AND MATERIALS AS FOLLOWS:

*FEB 28 1991*

Common 120 sks @\$5.25	\$ 630.00
Pozmix 80 sks @\$2.25	180.00
Gel 7 sks @\$6.75	47.25
Floreal 50#@\$1.00	50.00
Handling 200 sks @\$1.00	200.00
Mileage (50) @\$0.04¢ per sk per mi	400.00
Plugging	380.00
MI @\$2.00 pmp. trk.	100.00
1 plug	21.00

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

*- PA well*  
*- dry hole*

\$ 907.25

1,101.00

- 25 sks. @2060'
- 100sks. @1225'
- 40 sks. @ 310'
- 10 sks. @ 40'
- 15 sks. in R. H.
- 10 sks. in M. H.

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

*6100.0770 = 2008.25*  
*3820/70 = <401.65>*

Total \$ 2,008.25

DEC 7 1990

THANK YOU

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

*7/14/90*  
*Kinda*  
*12/14/90*

DEPTH of Job		Handling <i>e 1.00/sk. (200 sks)</i>	200.00
Reference: #8	Pump truck - plug	Mileage <i>e 0.4¢/sk./mi. (50 mi)</i>	400.00
#13	mileage <i>e 2.00/mi</i>		
	1-8 3/8" dry hole plug		
	Sub Total		1507.25
	Tax		
	Total		
Remarks:		Floating Equipment	
<i>1<sup>st</sup> plug e 2060' w/25 sks.</i>		<i>Thanks</i>	
<i>2<sup>nd</sup> plug e 1225' w/100 sks.</i>			
<i>3<sup>rd</sup> plug e 310' w/40 sks.</i>			
<i>8 3/8" plug e 40' w/10 sks to surface.</i>			
<i>Plugged rat hole w/15 sks.</i>		<i>Plugged mouse hole w/10 sks.</i>	