

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

JUL 14

CONFIDENTIAL

API NO. 15- 15-065-22,710-06-00  
County Graham  
SW-SE-SE- Sec. 23 Twp. 6 Rge. 23W

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.

License: 30606

Wellsite Geologist: K. Kessler

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSU, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5-15-93 5-20-93 5-20-93  
Spud Date Date Reached TD Completion Date

420 Feet from S/W (circle one) Line of Section  
990 Feet from E/W (circle one) Line of Section

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

Lease Name G. Fountain Well # 1

Field Name \_\_\_\_\_

Producing Formation N/A

Elevation: Ground 2380 KB 2385

Total Depth 3828' PBTB \_\_\_\_\_

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.

Drilling Fluid Management Plan pd 7-21-93  
(Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 614 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name \_\_\_\_\_ License No. 8-1995

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

8-18-95  
RELEASED

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title President Date 7-14-93

Subscribed and sworn to before me this 14<sup>th</sup> day of July 19 93.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-21-95

K.C.C. OFFICE USE ONLY  
F  Confidentiality Attached  
C  Information Received  
C  Geologist Report Received  
STATE CORPORATION COMMISSION  
JUL 20 1993  
Distribution \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KGS \_\_\_\_\_ Other \_\_\_\_\_  
CONSERVATION DIVISION  
Wichita, Kansas (Specify)

Form ACO-1 (7-91)  
7-20-93

P1

Operator Name Ritchie Exploration, Inc. Lease Name G. Fountain Well # 1  
 Sec. 23 Twp. 6 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:	no logs run	see attached sheet		

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 csg	12 1/4"	8 5/8"	20#	260	60/40 poz	180	2% gel 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.				
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  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

RITCHIE EXPLORATION, INC.

KCC

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

JUL 14

CONFIDENTIAL

#1 G. Fountain  
90' N of SW SE SE  
Section 23-6S-23W  
Graham County, Kansas  
API# 15-065-22,710  
Elevation: 2380' G.L., 2385' K.B.

ORIGINAL

Sample Tops	
Anhydrite	2027' (+ 358)
B/Anhydrite	2059' (+ 326)
Topeka	3398' (-1013)
Heebner	3596' (-1211)
Toronto	3620' (-1235)
Lansing	3638' (-1253)
B/KC	3825' (-1440)
RTD	3828' (-1443)

DST #1 from 3730' to 3794' (140' and 180' zones). Recovered 3' mud, no show of oil.

IFP:66-66#/30"; ISIP:95#/30";  
FFP:66-66#/30"; FSIP:76#/30".

PLEASE ENTER THIS  
INFORMATION  
CONFIDENTIAL

RELEASED

AUG 18 1995

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JUL 20 1995

CONSERVATION DIVISION  
Wichita, Kansas

627, Russell, Kansas  
 316-793-5861, Great Bend, Kansas

ORIGINAL JUL 14  
 NEW CONFIDENTIAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

5502

Home Office P. O. Box 31

Russell, Kansas 67665

Date	5-15-93	Sec.	23	Twp.	6	Range	23	Called Out	5:15 PM	On Location	8:00 PM	Job Start	9:45 PM	Finish	10:00 PM
Lease	G. Fountain Well No. 1			Location				10N 1/2 W Hill City	County		Graham	State		Ks	
Contractor	Mur Co Dala Rig 8														
Type Job	Surface														
Hole Size	12 1/4			T.D. 261'											
Csg.	8 7/8 20'			Depth 260'											
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	15'			Shoe Joint											
Press Max.	2500			Minimum											
Meas Line	NO			Displace											
Perf.															

Owner Ritchie Exploration  
 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 listed.

Charge To Ritchie Exploration  
 Street 125 N Market #1000  
 City Wichita State Kan 67202  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X

**EQUIPMENT**

Days	No.	Cementor	Dean Rundle
Pumptrk	277	Helper	
Pumptrk	279	Cementor	Carl Battin
		Helper	Steve Williams
Bulktrk	282	Driver	
Bulktrk		Driver	

**CEMENT**

Amount Ordered 180 sks 6 7/8 390 cc 2 1/2 Gal

Consisting of

Common	108 sks	575	621.00
Poz. Mix	72 sks	300	216.00
Gel.	3 sks	700	N/C
Chloride	6 sks	2500	150.00
Quickset			

Handling 1.00 180.00  
 Mileage 45 mi .04 324.00  
 Copy T/R.T  
 5.75  
 AUG 1 8 1995  
 RELEASED Total 1491.00

DEPTH of Job 260'

Reference:	Pump Trk chrg	430.00
	2 1/2 Permiles 45 miles	101.25
	Surface Plug	42.00
	Sub Total	573.25
	Tax	
	Total	

Remarks: Ran 6 Joints 8 7/8 Csg  
 cement did circulate  
 Thank YOU

Floating Equipment  
 FROM CONFIDENTIAL  
 RECEIVED  
 STATE COMMISSION  
 JUL 20 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL JUL 14  
 NEW CONFIDENTIAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

5504

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish	
5-20-93	23	6	23	12:30 PM	3:00 PM	4:45 PM	7:15 PM	
Lease <u>G. Fountain</u>	Well No. <u>1</u>	Location <u>10N 1/2 W Hill City</u>		County <u>Graham</u>	State <u>KS</u>			
Contractor <u>Murkin Drlys</u>				Owner <u>Ritchie Exploration Inc</u>				
Type Job <u>PTA</u>				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 listed.				
Hole Size <u>7 1/8</u>		T.D. <u>38.11'</u>		Charge To <u>Ritchie Exploration Inc</u>				
Csg.		Depth		Street <u>125 N Market #1000</u>				
Tbg. Size		Depth		City <u>Wichita</u> State <u>Kan 67202</u>				
Drill Pipe <u>4 1/2</u>		Depth <u>2030'</u>		The above was done to satisfaction and supervision of owner agent or contractor.				
Tool		Depth		Purchase Order No. <u>[Signature]</u>				
Cement Left in Csg.		Shoe Joint		<b>CEMENT</b>				
Press Max.		Minimum						
Meas Line		Displace						
Perf.								
<b>EQUIPMENT</b>								
Hays	No.	Cementer	<u>Dean Rundle</u>					
Pumptrk	<u>277</u>	Helper						
Pumptrk	<u>279</u>	Cementer						
	No.	Helper	<u>Carl Cotton</u>					
		Driver	<u>Steve Williams</u>					
Bulktrk	<u>282</u>	Driver						
DEPTH of Job <u>2030'</u>		Amount Ordered <u>190 sks 60/40 6 3/4 bel 1/4 cells</u>						
Reference:	<u>Pump Trk chrg</u>		<u>430.00</u>		Consisting of			
	<u>2 2/3 per mile 45 miles</u>		<u>181.25</u>		Common	<u>114 sks</u>	<u>575</u>	<u>655.50</u>
	<u>Dry Hole Plug</u>		<u>21.00</u>		Poz. Mix	<u>76 sks</u>	<u>3.00</u>	<u>228.00</u>
	Sub Total		<u>552.25</u>		Gel.	<u>10 sks</u>	<u>7.00</u>	<u>70.00</u>
	Tax				Chloride			
	Total				Quickset			
Remarks:	<u>1st Plug at 2030' w/ 25 sks</u>				Celloclake <u>2 sks 27.50</u>			<u>55.00</u>
	<u>2d Plug at 1230' w/ 100 sks</u>				Sales Tax			
	<u>3rd Plug at 310' w/ 40 sks</u>				Handling	<u>1.00</u>	<u>190.00</u>	
	<u>4th Plug at 40' w/ 10 sks</u>				Mileage <u>45 m</u>	<u>.04</u>	<u>342.00</u>	
	<u>15 sks in Rat Hole</u>				Sub Total			<u>1540.50</u>
					Total			
					Floating Equipment <u>[Signature]</u>			
					AUG 18 1995			
					FROM CONFIDENTIAL			
					RECEIVED			
					STATE CORPORATION COMMISSION			
					JUL 20 1993			
					CONSERVATION DIVISION			
					Wichita Kansas			
					Thank You			