

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000  
City/State/Zip Wichita, KS 67202  
Purchaser: N.C.R.A.  
Operator Contact Person: Lisa Thimmesch  
Phone ( 316 ) 267-4375

Contractor: Name: \_\_\_\_\_  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:  
Operator: Woodman & Lannittii  
Well Name: #1 Griffith "A"  
Comp. Date 1958 Old Total Depth 3810'  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PSTD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
 Squeeze  
6-17-93 Spud Date 6-25-93 Completion Date  
Date Reached TD

API NO. 15- N/A  
County Graham  
SE - SW - SW - Sec. 15 Twp. 10 Rge 22W  
330 Feet from SW (circle one) Line of Section  
990 Feet from EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Griffith "A" Well # 1  
Field Name \_\_\_\_\_  
Producing Formation L/KC  
Elevation: Ground 2313  
Total Depth 3791 PSTD  
Amount of Surface Pipe Set and Cemented at 2 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 cnt.  
Drilling Fluid Management Plan REWORK 10-18-93  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled off site: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

RELEASED

OCT 12 1994

10-12-1994

FROM CONFIDENTIAL

CONFIDENTIAL

PLEASE KEEP THIS  
INFORMATION  
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 9-14-93  
Subscribed and sworn to before me this 14th day of September  
19 93  
Notary Public [Signature]  
Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-29-95

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
 KCC  SWD/Rep  
 KGS  Plug  
RECEIVED  
STATE CORPORATION COMMISSION  
SEP 15 1993  
Other (Specify)  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (7-91)

Operator Name Ritchie Exploration, Inc. Lease Name Griffith A Well # 1  
 Sec. 15 Twp. 10 Rge. 22W  East  West  
 County Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all co-res. 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 type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				

CASING RECORD <input type="checkbox"/> New <input 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

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ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input checked="" type="checkbox"/> Perforate					
<input checked="" type="checkbox"/> Protect Casing	1517-48	60/40 poz	200	3% CC	
<input checked="" type="checkbox"/> Plug Back TD	1240-70	60/40 poz	25	3% CC	
<input checked="" type="checkbox"/> Plug Off Zone	3653-56	60/40 poz	100	3% CC	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3780.5-83 (200' zone)	500 gal 15% NE	3780.5'-83'
2	3653'-56' (70' zone)		
	(Cemented 70' zone off)		

**TUBING RECORD** Size 2 3/8" Set At 3775 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 6-25-93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>1.00</u> Bbls.	Gas <u>0.00</u> Mcf	Water <u>9.00</u> Bbls.	Gas-Oil Ratio	Gravity
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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 3780.5-3783 KCC 8/2

15-065-03379-00-01

Phone 913-463-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

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

# ALLIED CEMENTING CO., INC.

4118

Home Office P. O. Box 31

Russell, Kansas 67665

OLD

Date	6-24-93	Sec.		Twp.		Range		Called Out	8:45AM	On Location	10:15AM	Job Start	11:45AM	Finish	5:30PM
Lease	Geo. Smith	Well No.	#1	Location				OGALLALA N TO DEAD END	County	GRAHAM	State	KANSAS			
Contractor	LEON'S DRILL														
Type Job	SQUEEZE (KC)														
Hole Size	T.D.														
Csg.	5 1/2"														
Tbg. Size	2"														
Tool	X-PERT OIL TOOLS														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace 9-14														
Perf.	3653' TO 3656'														

Owner 2W 3N Y4E

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 [Signature]

2 SK SAND CEMENT

Amount Ordered 100 SK 6 1/4 2% CC

**EQUIPMENT**

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Pumptrk #177	No.	Cementor	[Signature]
		Helper	[Signature]
Pumptrk #213	No.	Cementor	[Signature]
		Helper	[Signature]
Bulktrk		Driver	Jason C.
Bulktrk		Driver	

Consisting of			
Common	60	575	345.00
Poz. Mix	40	3.00	120.00
Gel.			
Chloride	2	25.00	50.00
Quickset			
2 Sand		5.00	10.00
Sales Tax			
Handling		100	100.00
Mileage	41m		164.00
Sub Total			789.00
Total			789.00

DEPTH of Job

Reference:	Pump Truck CHRG.	525.00
	2.25/PER MILE 41m	92.25
Sub Total		617.25
Tax		
Total		

Remarks: BRIDGE PLUG @ 3724' SET PACKER @ 3702' + TEST TOOLS TO 1200# + HELD. SPOT 2SK SAND. CAME UP TO 3578 + SET LOAD BACKSIDE + SHOT IN @ 300#. TOOK RATE DOWN TUBING OF PER MIN @ 1,000#. MIXED CEMENT, STAGGED, + SQUEEZED @ 1200# PACKER + WASHED TUBING WASHED BRIDGE PLUG PULLED 9 JOINTS SHUT IN 300# HELD OK WASHED SAND + BRIDGE PLUG PULLED 9 JOINTS SHUT IN 300#

RECEIVED

OCT 12 1994

10-12-1994

FROM CONFIDENTIAL

7-8-93

STATE OF KANSAS

WICHITA DIVISION

RECEIVED

STATE OF KANSAS

WICHITA DIVISION

# ALLIED CEMENTING CO., INC.

4114

Home Office P. O. Box 31

Russell, Kansas 67665

Old

Date	6-17-93	Sec.	15	Twp.	10	Range	22	Called Out	5:30 AM	On Location	8:00 AM	Job Start	8:30 AM	Finish	5:00 PM
Lease	Gr. P. 7th	Well No.	"A" #1	Location	Ogallah N 2W 3N 4E			County	Graham	State	Kansas				
Contractor	Leavis Dalg Service														
Type Job	Squeeze														
Hole Size															T.D.
Csg.	5 1/2"														Depth
Tbg. Size	2"														Depth
Drill Pipe	5 1/2" Plug Perm														Depth
Tool	5 1/2"														Depth
Cement Left in Csg.															Shoe Joint
Press Max.															Minimum
Meas Line															Displace

Owner State  
 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, Inc.  
 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 [Signature]

CEMENT

Def. Holes between 1516' to 1547' & 1240' to 1270'

**EQUIPMENT**

if 221	No.	Cementer	Ray D
Pumptrk		Helper	W. K. [unclear]
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	if 213	Driver	Released
Bulktrk		Driver	

OCT 12 1994  
 10-12-1994

DEPTH of Job	Reference:	525.00
	if Pump Tank	
	235 Perm Mile 41m	92.25
JUN 93	10097	Sub Total 612.25
		Tax
		Total

Remarks: Tested casing found bottom hole @ 1516' to 1547' top hole @ 1240' to 1270' w/ m. v. v. small leak set packer 1455' mixed 200 SKS cement staged & squeezed 73 1000# cement up to 1270' spotted 25 SKS cement

Amount Ordered	2.25 SKS 60/40 per 3% CC		
Consisting of			
Common	135	5.75	776.25
Poz. Mix	90	3.00	270.00
Gel.			
Chloride	7	25.00	175.00
Quickset			
SEP 1 A			
9-14			
CONFIDENTIAL			
Handling	600		225.00
Mileage	41m	.04	369.00
Sub Total			1815.25
Total			

Floating Equipment  
 Pulled two joints tubing washed excessive cement out pulled 1 joint tubing staged & squeezed to 400' at hole with tubing shut in @ 200'.

RECEIVED  
 SEP 15 1993  
 9-15-1993  
 CONSERVATION DIVISION  
 Wichita, Kansas