

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

ORIGINAL

API NO. 15- 063-21,440 - 00-00

County Gove

SE SE SE Sec. 16 Twp. 11 Rge. 31W

330 Feet from 3/N (circle one) Line of Section

330 Feet from 2/W (circle one) Line of Section

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

Lease Name R. Garrett Well # 1

Field Name Wildcat

Producing Formation NA

Elevation: Ground 2969 KB 2974

Total Depth 4675' PBDT na

Amount of Surface Pipe Set and Cemented at 237' 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 ALT 2 DR 2FD  
(Data must be collected from the Reserve Pit) U-21-92

Chloride content 1200 ppm Fluid volume 700 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:       

Operator Name       

Lease Name        License No.       

County        Sec.        Twp.        S Rng.        E/W       

Docket No. 10-12-1994

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000  
Wichita, KS 67202

City/State/Zip       

Purchaser: NA

Operator Contact Person: Rocky Milford

Phone ( 316 ) 267-4375

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: K. Kessler

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  S1OW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, 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  PBDT

Commingled  Docket No.       

Dual Completion  Docket No.       

Other (SWD or Inj?)  Docket No.       

7-29-92 8-6-92 8-7-92

Spud Date        Date Reached TD        Completion Date       

PLEASE KEEP THIS INFORMATION CONFIDENTIAL  
RELEASED  
OCT 12 1994  
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 report. Rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist reports shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit ACO-1 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 9-17-92

Subscribed and sworn to before me this 17 day of September 1992.

Notary Public [Signature]

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

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

Operator Name Ritchie Exploration, Inc. Lease Name R. Garrett Well # 1

Sec. 16 Twp. 11 Rge. 31W  East  West  
 County Gove

**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.)

List All E.Logs Run:

R.A. Guard Log

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum

SEE ATTACHED SHEET

CASING RECORD <input checked="" 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
surface csg	12 1/4"	8 5/8"	20#	237'	60/40 poz	145	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

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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.

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

#1 R. Garrett  
SE SE SE  
Section 16-11S-31W  
Gove County, Kansas  
API# 15-063-21,440

9-18  
SEP 18

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ELECTRIC LOG TOPS

Anhydrite	2494' (+ 480)
B/Anhydrite	2522' (+ 452)
Heebner	3979' (-1005)
Lansing	4026' (-1052)
Muncie Creek	4156' (-1182)
Stark	4242' (-1268)
B/KC	4306' (-1332)
Marmaton	4334' (-1360)
Pawnee	4440' (-1466)
Myrick Sta.	4486' (-1512)
Ft. Scott	4512' (-1538)
Cherokee	4542' (-1568)
Johnson	4589' (-1615)
Cg. Sd.	4611' (-1637)
Miss.	4633' (-1659)
LTD	4675' (-1701)

DST #1 from 4190' to 4245' (L/KC "I" and "J" zones).  
Recovered 120' mud with few oil spots, 120' watery mud, and  
120' water. 360' total fluid.  
IFP:71-121#/45"; ISIP:1382#/45";  
FFP:152-182#/45"; FSIP:1343#/45".

DST #2 from 4240' to 4310' (L/KC "K" and "L" zones).  
Recovered 120' mud and 560' water. 680' total fluid.  
IFP:101-233#/30"; ISIP:1353#/30";  
FFP:284-376#/30"; FSIP:1303#/30".

DST #3 from 4587' to 4610' (Conglomerate Sand).  
Recovered 5' mud.  
IFP:50-50#/30"; ISIP:71#/30";  
FFP:50-50#/30"; FSIP:71#/30".

DST #4 from 4588' to 4617' (Conglomerate Sand).  
Recovered 5' mud.  
IFP:50-50#/30"; ISIP:537#/30";  
FFP:50-60#/30"; FSIP:647#/30".

RELEASED  
10-12-1994  
OCT 12 1994

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KANSAS CORPORATION COMMISSION  
9-18-1992  
SEP 18 1992

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INFORMATION  
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CONSERVATION DIVISION  
WICHITA, KS

15-063-21440-00-00

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

2020

n.p.c.

Date	7-29-92	Sec.	16	Twp.	11	Range	31	Called Out	11:45 AM	On Location	2:30 PM	Job Start		Finish	4:45 PM
Lease	Garrett	Well No.	1	Location	Campus 1 1/2 S-34W-11S			County	Gove	State	Kan				
Contractor	White + Ellis Ddg Co #9														
Type Job	Surface														
Hole Size	12 1/4	T.D.	238												
Csg.	8 5/8	Depth	237												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth	9-18 SEP 18												
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum	CONFIDENTIAL												
Meas Line	<input checked="" type="checkbox"/>	Displace													
Perf.															

**Owner**  
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 Explorations, Inc  
**Street** 125 N Market # 1000  
**City** Wichita **State**

The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**  
X James Cromwell

**CEMENT**

**Amount Ordered** 145 6 1/4 per, 3% CC - 2% Gel

**Consisting of**

Common	87 @ 6.35	552.45
Poz. Mix	58 @ 2.65	153.70
Gel.	2 @ N/C	N/C
Chloride	4 @ 21.00	84.00
Quickset		

5 1992  
Sales Tax

**Handling** @ 1.00 = 145.00  
**Mileage** 4¢/Sq/mile = 45.00

7  
Sub Total

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KANSAS CORPORATION COMMISSION  
9-18-1992  
SEP 18 1992

**Floating Equipment** Total 980.15

CONSERVATION DIVISION  
WICHITA, KS

**EQUIPMENT**

Pumptrk	No.	Cementer	Walt
	177	Helper	
Pumptrk	No.	Cementer	Paul
		Helper	
		Driver	
Bulktrk	160	Driver	

**DEPTH of Job**

Reference:	Pumptruck	380.00
	8 5/8 wooden Plus	43.00
	2.00 ps mile	14.00
	<b>Sub Total</b>	
	<b>Tax</b>	
	<b>Total</b>	437.00

**Remarks:**  
Cement Did Cure

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

15-063-21440-00-00

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

# ALLIED CEMENTING CO., INC.

2978

Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	8-6-92	Sec.	16	Twp.	11	Range	31	Called Out	10:10 PM	On Location	11:30 PM	Job Start	2:00 AM	Finish
Lease	R. Garrett	Well No.	1	Location	Campus 125 W			County	Osage	State	Ks			
Contractor	White & Ellis													
Type Job	Plug													
Hole Size	9 7/8			T.D.	4675									
Csg.	Depth													
Tbg. Size	Depth													
Drill Pipe	Depth 9 1/8													
Tool	Depth SEP 18													
Cement Left in Csg.	Shoe Joint													
Press Max.	Minimum													
Meas Line	Displace													
Perf.														

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**Owner**  
 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.**  
 X Ross Merritt

**CEMENT**

Amount Ordered	215 60 6% gel		
Consisting of			
Common	129	6.35	819.15
Poz. Mix	86	2.65	227.90
Gel.	8	6.75	54.00
Chloride			
Quickset			

**EQUIPMENT**

No.	Cementer	Dave Jewell
Pumptrk 153	Helper	
No.	Cementer	Joe
Pumptrk	Helper	
	Driver	
Bulktrk	Driver	

Handling	RELEASED	Sales Tax	
Mileage	7m	10-12-1994	100 215.00
		OCT 12 1994	04 60.20
		Sub Total	1376.25
		FROM CONFIDENTIAL	
		Total	

**DEPTH of Job**

Reference:	Pump trk chg	380.00
	200 per mile	14.00
	plug	21.00
	Sub Total	415.00
	Tax	
	Total	

**Remarks:**  
 25 sk @ 2500  
 100 @ 1700  
 40 @ 1000  
 25 @ 600  
 10 @ 40 w/c plug 15 Rathole

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 KANSAS CORPORATION COMMISSION  
 9-18-1992  
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 CONSERVATION DIVISION  
 WICHITA, KS

AUG 12 1992