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STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE  
APR 6

ORIGINAL KCC

CONFIDENTIAL

API NO. 15- 065-22668  
County Graham  
50' W NE NW NE Sec. 16 Twp. 6S Rge. 23 X W

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000  
City/State/Zip Wichita, KS 67202

4,950 Feet from (S) N (circle one) Line of Section  
1,700 Feet from (E) W (circle one) Line of Section

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

Purchaser:  
Operator Contact Person: Jeff Christian  
Phone (316) 267-4375

Lease Name Griffey 16A Well # 1

Field Name Wildcat

Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606

Producing Formation

Elevation: Ground est. 2410 KB 2415

Total Depth 3860 PBDT 3850

Amount of Surface Pipe Set and Cemented at 258 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set NA Feet

Wellsite Geologist: Brian Allen

If Alternate II completion, cement circulated from NA

Designate Type of Completion  
X New Well Re-Entry Workover

feet depth to WI sx cmt.

Oil SWD SIOW Temp. Abd.  
Gas ENHR SIGW  
X Dry Other (Core, WSW, RECEIVED)

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) AIT II DFD

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

Chloride content 6,000 ppm Fluid volume 245 bbls

Operator: 4-6-92  
APR 6 1992

Dewatering method used evaporation.

Well Name:

Location of fluid disposal if hauled offsite: NA

Comp. Date Old Well: WICHITA, KS

Operator Name 4-28-94

Deepening Re-perf. Conv. to Inj/SWD

Lease Name RELEASED

Plug Back PBDT

Quarter APR 2 8 1994

Commingled Docket No.

County

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

03/16/92 03/22/92 03/23/92

Spud Date Date Reached TD Completion Date

PLEASE KEEP THIS INFORMATION CONFIDENTIAL 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 4-4-92

Subscribed and sworn to before me this 4th day of April 19 92.

Notary Public [Signature]

Date Commission Expires

LISA THIMMESCH NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 8-24-95

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 Griffey 16A Well # 1  
 Sec. 16 Twp. 6S Rge. 23  East County Graham  
 West

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.)

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

List All E.Logs Run:  
 R.A. Guard Log

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	12 1/4"	8 5/8"	28#	258'	60/40	165	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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

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 \_\_\_\_\_

# ORIGINAL

RITCHIE EXPLORATION, INC.

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

#1 Griffey-16A  
NE NW NE  
Section 16-6S-23W  
Graham County, Kansas  
API# 15-065-22,668

KCC

APR 6

CONFIDENTIAL

## ELECTRIC LOG TOPS

Anhydrite 2081'(+ 334)  
B/Anhydrite 2114'(+ 301)  
Topeka 3411'(- 996)  
Heebner 3606'(-1191)  
Toronto 3631'(-1216)  
Lansing 3648'(-1233)  
B/KC 3836'(-1421)  
LTD 3861'(-1446)

DST #1 from 3603' to 3644' (Toronto). Recovered 20' slightly oil cut mud (5% oil, 95% mud); 306' slightly oil cut watery mud (1% oil, 30% water, 69% mud); and 1480' water with oil spots, 1806' total fluid.  
IFP:100-491#/30"; ISIP:1259#/30";  
FFP:550-824#/30"; FSIP:1254#/30".

DST #2 from 3641' to 3664' (Top zone). Misrun, packer failed.

DST #3 from 3639' to 3664' (Top zone). Recovered 30' clean oil; 90' slightly oil cut water (5% oil and 95% water); 250' very slightly oil cut water (1% oil, 99% water); and 312' water with oil specks; 682' total fluid.  
IFP:54-128#/30"; ISIP:1255#/30";  
FFP:183-253#/30"; FSIP:1227#/30".

DST #4 from 3665' to 3704' (35' and 50' zones). Recovered 120' watery mud with oil specks and 1140' muddy water.  
IFP:146-366#/30"; ISIP:1264#/30";  
FFP:423-602#/30"; FSIP:1253#/30".

DST #5 from 3728' to 3746' (100' zone). Recovered 10' mud with oil specks.  
IFP:19-19#/30"; ISIP:258#/30";  
FFP:21-22#/30"; FSIP:258#/30".

DST #6 from 3806' to 3860' (200' and 220' zones). Recovered 650' muddy water with few oil specks.  
IFP:80-186#/30"; ISIP:976#/30";  
FFP:234-295#/30"; FSIP:976#/30".

**RECEIVED**  
KANSAS CORPORATION COMMISSION

APR 6 1992

CORPORATION DIVISION  
WICHITA, KS

**PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL**

RELEASED

APR 28 1994

FROM CONFIDENTIAL

Russell, Kansas  
 3-5861, Great Bend, Kansas

ORIGINAL APR 6

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

**ALLIED CEMENTING CO., INC.**

2496

Home Office P. O. Box 31

Russell, Kansas 67665

New CONFIDENTIAL

Date	3-16-92	Sec.	16	Twp.	6 <sup>s</sup>	Range	23 <sup>w</sup>	Called Out	3:30 P.M.	On Location	6:00 P.M.	Job Start	6:30 P.M.	Finish	7:00 P.M.
Lease	Grippey 16A	Well No.	1	Location	Hill City 12N 2 1/4 W S. Side			County	Graham	State	Ks.				
Contractor	Munfin Drilling Co.			Rig #	#8										
Type Job	Set Surface Pipe														
Hole Size	12 1/4"			T.D.	259'										
Csg.	8 7/8"			Depth	258'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool				Depth											
Cement Left in Csg.	15'			Shoe Joint											
Press Max.				Minimum	-										
Meas Line	X			Displace	X										
Perf.															

Owner Same  
 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, Suite 1000  
 City Wichita State Ks 67202  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X *[Signature]*  
**CEMENT**

**EQUIPMENT**

No.	Cementor	Gary H. Wayne Man.
Pumptrk 191	Helper	
No.	Cementor	Joe S.
Pumptrk	Helper	
	Driver	
Bulktrk #212		
Bulktrk	Driver	

Amount Ordered	165 sks @ 40 lbs 2 bags, 3 lbs c.c.	
Consisting of		
Common	99 sks @ 5.25/sk.	519.75
Poz. Mix	66 sks @ 2.25/sk.	148.50
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk.	105.00
Quickset		

Handling	e 1.00/sk. (165 sks)	165.00
Mileage	e 0.44/sk./mi. (49 mi.)	323.40
Sub Total		1261.65
Total		

DEPTH of Job		
Reference: #1	Pumptruck - surface	# 380.00
#13	mileage e 2.00/mi.	49.00
	1-8 7/8" rubber plug	73.00
	Sub Total	502.00
	Tax	
	Total	

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 APR 6 1992  
 Floating Equipment  
 Thanks  
 RELEASED

Remarks: Cement Circulated

copy 1/1/92  
 3-19-92  
 SRS

CONSERVATION DIVISION  
 WICHITA, KS  
 APR 28 1994  
 FROM CONFIDENTIAL  
 MAR 19 1992

27, Russell, Kansas  
 3-5861, Great Bend, Kansas

ORIGINAL APR 6

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

New CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

2499

Home Office P. O. Box 31

Russell, Kansas 67665

Date	3-23-92	Sec.	16	Twp.	4 <sup>S</sup>	Range	23 <sup>W</sup>	Called Out	7:00 A.M.	On Location	9:30 A.M.	Job Start	11:20 A.M.	Finish	1:30 P.M.
Lease	Gni Pkey 16"A" Well No. 1			Location				Hill City 12N 2 1/4 W S. Side			County	Graham	State	Ks.	
Contractor	Munton, D. G. Co.			Rig #				8			Owner	Sams			
Type Job	Plug			T.D.				3860'			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	7 1/8"			Depth				258'			Charge To				
Csg.	8 7/8"			Depth							Ritchie Exploration, Inc.				
Tbg. Size				Depth							Street				
Drill Pipe				Depth							125 N. Market, Suite 1000				
Tool				Shoe Joint							City				
Cement Left in Csg.				Minimum				-			Wichita, State Ks. 67202				
Press Max.				Displace							The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line				Perf.							Purchase Order No.				
											X <i>Donald DeLott</i>				

**EQUIPMENT**

Pumptrk	No.	Cementer	Gary H. Wayne Mc.
	191	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#212	Driver	Joe S.
Bulktrk		Driver	

Amount Ordered	200 sks 60/40 poz 6 bagal with	
Consisting of	1/4 # of floreal/sk.	
Common	120 sks @ 5.25/sk.	630.00
Poz. Mix	80 sks @ 2.25/sk.	180.00
Gel.	7 sks @ 6.75/sk. (Used 10 sks)	47.25
Chloride		
Quickset		
	Floreal - 50 # @ 1.00/lb.	50.00
Sales Tax		
Handling	21.00/sk. (200 sks)	200.00
Mileage	204 t/sk./mi. (49 mi.)	392.00
Sub Total		1499.25
Total		

DEPTH of Job	Reference #	Description	Amount
	#8	Pumptruck plug	380.00
	#13	mileage @ 1.00/mi.	49.00
		1-8 7/8" dry hole plug	21.00
		Sub Total	450.00
		Tax	
		Total	

Remarks:  
 1<sup>st</sup> plug @ 2100' w/25 sks.  
 2<sup>nd</sup> plug @ 1260' w/100 sks.  
 3<sup>rd</sup> plug @ 310' w/40 sks.  
 8 7/8" plug @ 40' w/10 sks to surface.  
 Plugged rat hole w/15 sks.

**RECEIVED** Thanks  
 KANSAS CORPORATION COMMISSION  
 APR 6 1992  
 WICHITA, KS  
 CONSERVATION DIVISION  
 WICHITA, KS  
 APR 2 1992  
 FROM CONFIDENTIAL  
 Plugged mouse hole w/10 sks