

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

150' N

API NO. 15- 065-22,694-0000 DEC 3

County Graham CONFIDENTIAL

SE NW NW Sec. 14 Twp. 10 Rge. 22W (E) (W)

Operator: License # 4767

4440 Feet from (S) (N) (circle one) Line of Section

Name: Ritchie Exploration, Inc.

4290 Feet from (E) (W) (circle one) Line of Section

Address 125 N. Market, Suite 1000

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

City/State/Zip Wichita, KS 67202

Lease Name Holmquist-Holmes Well # 2 Twin

Purchaser: N.C.R.A.

Field Name Faul NE

Operator Contact Person: A. Scott Ritchie III

Producing Formation L/KC

Phone (316) 267-4375

Elevation: Ground 2295 KB 2300

Contractor: Name: Murfin Drilling Co.

Total Depth 3955 PBDT 3915

License: 30606

Amount of Surface Pipe Set and Cemented at 206 Feet

Wellsite Geologist: J. Christian

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set 1778 Feet

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

If Alternate II completion, cement circulated from 1778

feet depth to surface w/ 240 sx cmt.

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

Drilling Fluid Management Plan ALT 2 12/18/92 DP
(Data must be collected from the Reserve Pit)

Operator:

Chloride content 20,000 ppm Fluid volume 300 bbls

Well Name:

Dewatering method used evaporation

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

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

Operator Name RELEASED

Lease Name License No.

9-30-92 10-5-92 10-21-92

 Quarter Sec. Twp. Rng. E/W

Spud Date Date Reached TD Completion Date

County Docket No. 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 12-3-92

Subscribed and sworn to before me this 3rd day of December 19 92

Notary Public [Signature]

Date Commission Expires

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

K.C. OFFICE USE ONLY
RECEIVED
KANSAS CORPORATION COMMISSION
Geologist Report Received
12-3-92
DEC 03 1992
KCC SWD/Reg NGPA
 KGS Plug Other
(Specify)
CONSERVATION DIVISION
WICHITA, KS

Operator Name Ritchie Exploration, Inc. Lease Name Holmquist-Holmes Well # 2 Twin

Sec. 14 Twp. 10 Rge. 22W
 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.)

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

List All E.Logs Run:

R.A. Guard Log
 GAMMA RAY CCL CORRELATION LOG

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	12 1/4"	8 5/8"	20#	206'	60/40 poz	150	2% gel 3% CC
production	7 7/8"	5 1/2"	14#	3952'	60/40 poz	135	10% salt 3% Gilsonite

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
3	3720.3'-3725.3' 180' zone	750 gallons 15% NE	3720.3'-
3	3703'-3706.5' 160' zone		3725.3'

TUBING RECORD Size 2 3/8" Set At 3897' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 10-21-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 25.00 Bbls. Gas 0 Mcf Water 2.00 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

15-065-22694-0000

ORIGINAL

#2 Holmquist-Holmes Twin
150' N C SE NW NW
Section 14-10S-22W
Graham County, Kansas
API# 15-065-22,694

DEC 3 1992

CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	1791' (+ 509)
B/Anhydrite	1835' (+ 465)
Topeka	3297' (- 997)
Heebner	3507' (-1207)
Toronto	3528' (-1228)
Lansing	3544' (-1244)
B/KC	3774' (-1474)
Marmaton	3846' (-1546)
Arbuckle	3925' (-1625)
LTD	3955' (-1655)

DST #1 from 3632' to 3644' (L/KC 90' zone). Recovered 10' muddy water.

IFP:21-21#/30"; ISIP:233#/30";
FFP:31-31#/30"; FSIP:190#/30".

DST #2 from 3731' to 3785' (L/KC 200' - 220' zones). Recovered 4' mud.

IFP:67-67#/30"; ISIP:76#/30";
FFP:67-67#/30"; FSIP:67#/30".

RELEASED

FEB 14 1995

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 03 1992

CONSERVATION DIVISION
WICHITA, KS

Russell, Kansas
661, Great Bend, Kansas

15-065-22679-00W
Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

2137

New

ORIGINAL

DEC 3

Date	9-30-92	Sec.	14	FWP.	10 ^s	Range	22 ^w	Called Out	4:45 P.M.	On Location	6:30 P.M.	Job Start	7:40 P.M.	Finish	8:00 P.M.
Lease	Halmquist-Halmes		Well No.	2-Twin		Location	Red Line 3/4 Bequer Rd 4W35 1/2 E		County	Graham		State	Ks.		
Contractor	Munich Dng. Co.				Rig #	8									
Type Job	Set Surface Pipe														
Hole Size	12 1/4"		T.D.	217'											
Csg.	8 3/8"		Depth	207'											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum	-											
Meas Line	X		Displace	X											
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	Gary H. Marlyn K.
	191	Helper	
Pumptrk	No.	Cementer	
		Helper	
		Driver	Joe S.
Bulktrk	#212	Driver	

DEPTH of Job		
Reference #	Description	Amount
#1	Pumptruck-surface	380.00
#13	mileage @ 2.00/mi	62.00
	1-8 3/8" rubber plug	73.00
	Sub Total	515.00
	Tax	
	Total	

Remarks: Cement Circulated

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. 67202-1775
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*

X *[Signature]*

CEMENT

Amount Ordered	150 sks 6/40 902 2lb gal, 3% c.c.	
Consisting of		
Common	90 sks @ \$5.50/sk.	\$495.00
Poz. Mix	60 sks @ 2.50/sk.	150.00
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk.	105.00
Quickset		
Sales Tax		
Handling	21.00/sk. (150 sks)	150.00
Mileage	204 @ 1/sk./mi. (31 mi.)	186.00
Sub Total		1086.00
SEP 9 2	1007592	Total

Floating Equipment *Thanks*

RECEIVED

KANSAS CORPORATION COMMISSION

DEC 03 1992

OCT 9 1992

CONSERVATION DIVISION
WICHITA, KS

FROM CONFIDENTIAL

copy of [unclear]
10-12-92
[Signature]

RELEASED

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

DEC 3 1992 **NEW ORIGINAL**
 CONFIDENTIAL

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

ALLIED CEMENTING CO., INC.

2141

Home Office P. O. Box 31

Russell, Kansas 67665

10-5-92 10-6-92

Date	10-6-92	Sec.	14	Twp.	10 ^s	Range	22 ^w	Called Out	8:00 P.M.	On Location	12:15 A.M.	Job Start	3:30 A.M.	Finish	4:30 A.M.
Lease	Halmquist-Holmes	Well No.	2-Twin		Location			Boyer Rd + Red Line 4W3514E			County	Graham		State	Ks.
Contractor	Munfin Drilling Co.			Rig #		8		Owner	Same						
Type Job	Production String														
Hole Size	7 7/8"		T.D.		3955'										
Csg.	5 1/2"		Depth		3952'										
Csg. Size	8 7/8"		Depth		202'										
Drill Pipe			Depth												
Tool (Baker) Pont Collar			Depth		1777'										
Cement Left in Csg.	32'		Shoe Joint		31.54'										
Press Max.	900 #		Minimum												
Meas Line	X		Displace												
Perf.															

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. 67202-1775
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. [Signature]
 X [Signature]
CEMENT

EQUIPMENT

Pumptrk	No.	Cementer	Gary H.
	177	Helper	RELEASED Will H.
Pumptrk	No.	Cementer	
		Helper	FEB 14 1995
Bulktrk	#212	Driver	Joe S.
Bulktrk		Driver	FROM CONFIDENTIAL

Amount Ordered	150 sks 6/40 per 10% salt	
Consisting of	320 gal. silsonite 500 gal WFR II	
Common	90 sks @ 5.50/sk	495.00
Poz. Mix	60 sks @ 2.50/sk	150.00
Gel.		
Chloride Salt	15 sks @ 4.75/sk	71.25
Quikset	silsonite - 389 # @ 33¢/lb	128.37
WFR II	500 gal @ 50¢/gal	250.00
Sales Tax		
Handling	1.00/sk (150 sks)	150.00
Mileage	204¢/sk/mi (31 mi.)	186.00
Sub Total		1430.62
		OCT 12 1992
		OCT 22 1992

DEPTH of Job 1-5 1/2" rubber plug #45.00
 Reference #1 Pumptruck-long string 880.00
 #13 mileage @ 2.00/mi 62.00
 #12 Rotating Swivel - 5 1/2" 50.00
 Sub Total 1047.00
 Tax
 Total 987.00
 Remarks: Plugged rat hole w/ Float Held.
 DEC 03 1992
 CONSERVATION DIVISION WICHITA, KS
 Thank you

Floating Equipment	5 1/2"
1-regular guide shoe	- \$125.00
1-AFU insert (flapper type)	- 189.00
1-cementing basket	- 127.00
2-centralizers @ 46.00 ea	- 92.00
2-turbo centralizers @ 58.00 ea	- 232.00
1-pont collar (Baker)	- 178.00
	#255.00

ORIGINAL

ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31
 Russell, Kansas 67665

2142

Date	10-15-92	Sec.	14	Twp.	10 ^S	Range	22 ^W	Called Out	10:00 A.M.	On Location	1:30 P.M.	Job Start	2:00 P.M.	Finish	3:30 P.M.
Lease	Holmquist-Holmes	Well No.	2-Twin		Location			Redline & Beque Rd 4W35 1/2 E			County	Graham		State	Ks.
Contractor	Leon's Drllg. Service														
Type Job	Port Collar														
Hole Size	7 7/8"		T.D.	3955'											
Csg.	5 1/2"		Depth	3952'											
Tbg. Size	2"		Depth												
Surface Drill Pipe	8 7/8"		Depth	207'											
Tool	Baker Port Collar		Depth	1778'											
Cement Left in Csg.			Shoe Joint												
Press Max.	1100 #		Minimum												
Meas Line			Displace	x											
Perf.															

EQUIPMENT

No.	Cementer	
Pumptrk 177	Helper	Gary H.
No.	Cementer	Will H.
Pumptrk	Helper	
	Driver	Paul D.
Bulktrk #213		
Bulktrk #218	Driver	Jason C.

DEPTH of Job

Reference #	Description	Amount
#5	Pumptruck-port collar	\$380.00
#13	mileage @ 2.00/mi.	62.00
	Sub Total	\$442.00
	Tax	
	Total	

Remarks: Cement Circulated
 Port Collar opened and closed
 Okay and held.

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's 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]

CEMENT

Amount Ordered	240 sks @ 50 per bagel with	
Consisting of	1/4 # of Flossal/sk.	
Common	120 sks @ 5.50/sk.	\$660.00
Poz. Mix	120 sks @ 2.50/sk.	300.00
Gel.	8 sks @ 6.75/sk (used 12 sks)	54.00
Chloride		
Quickset		
Flossal	- 60 # @ 1.00/lb.	60.00
	Sales Tax	
Handling	@ 1.00/sk. (240 sks)	240.00
Mileage	@ 0.44/sk./mi. (31 mi.)	297.60
	OCT 27 1992	
	Sub Total	\$1611.60
	RELEASED	Total

Floating Equipment
 Thanks
 FEB 14 1995

FROM CONFIDENTIAL
RECEIVED 1007798
 KANSAS CORPORATION COMMISSION

DEC 03 1992 NOV 4 1992

Customer Signature [Signature]

CONSERVATION DIVISION
 WICHITA, KS
 10-14-92
 Date

Net Price 1431.00