

CONFIDENTIAL

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

API NO. 15- 065-22721 00-00
County Graham
C SE NE Sec. 8 Twp. 8S Rge. 23 E
X W

ORIGINAL

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

3300 Feet from S/W (circle one) Line of Section
660 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 Montgomery A Well # 2
Field Name Montgomery

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: K. Kessler **KCC**

Producing Formation _____
Elevation: Ground 2242' KB 2247'
Total Depth 3745' PSTD 3750'
Amount of Surface Pipe Set and Cemented at 203 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

Designate Type of Completion
 New Well Re-Entry Workover **OCT 15**
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGV
 Dry Other (Core, WSU, Expl., Cathodic, etc)

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If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cnt.

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

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth 1005
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Decked
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

RELEASED
Jan 11 1996
JAN 1 1996

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500 ppm Fluid volume 950 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

07-31-93 08-06-93 08-07-93
Spud Date Date Reached TD Completion Date

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 _____
Title President Date 10-18-93
Subscribed and sworn to before me this 18th day of October, 1993.
Notary Public Lisa Thimmegsch
Date Commission Expires _____

LISA THIMMEGCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-22-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep
 KGS Other
RECEIVED
STATE CORPORATION COMMISSION
OCT 19 1993

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Montgomery A

Well # 2

Sec. 8 Twp. 8S Rge. 23

East
 West

CONFIDENTIAL
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.)
List All E.Logs Run:
Radiation Guard Log

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

SEE ATTACHED SHEET

CASING RECORD

New 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#	203'	60/40	150	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

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or (In) _____ Producing Method Flowing Pumping Gas Lift 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 _____

ITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

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#2 Montgomery "A"
SE NE
Section 8-8S-23W
Graham County, Kansas
API# 15-065-22,721-00-00
Elevation: 2242' G.L., 2247' K.B.

ELECTRIC LOG TOPS

Anhydrite 1898' (+ 349)
B/Anhydrite 1930' (+ 317)
Topeka 3256' (-1009)
Heebner 3467' (-1020)
Toronto 3491' (-1244)
Lansing 3506' (-1259)
B/KC 3719' (-1472)
LTD 3745' (-1498)

KCC
OCT 15
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RELEASED

JAN 11 1996

FROM CONFIDENTIAL

DST #1 from 3523' to 3545' (35' zone). Recovered 5' mud with few oil spots.

IFP:47-47#/30"; ISIP:209#/30";
FFP:57-57#/30"; FSIP:162#/30".

DST #2 from 3542' to 3560' (50' zone). Recovered 125' muddy water, no show of oil.

IFP:66-66#/30"; ISIP:95#/45";
FFP:76-76#/30"; FSIP:95#/45".

DST #3 from 3565' to 3585' (70' - 90' zones). Recovered 2' free oil and 108' saltwater with scum of oil.

IFP:66-66#/45"; ISIP:448#/45";
FFP:85-85#/45"; FSIP:419#/45".

DST #4 from 3605' to 3684' (140', 160', and 180' zones). Recovered 5' free oil, 30' oil cut mud (10% oil), and 120' saltwater.

IFP:74-95#/45"; ISIP:1079#/45";
FFP:105-116#/45"; FSIP:1058#/45".

DST #5 from 3680' to 3745' (200' and 220' zones). Recovered 35' mud with slight show of oil.

IFP:76-76#/30"; ISIP:858#/30";
FFP:85-85#/30"; FSIP:734#/30".

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STATE CORPORATION COMMISSION
OCT 19 1993
10-19-93
CONSERVATION DIVISION
Wichita, Kansas

Well, Kansas
Great Bend, Kansas

15-065-22721-00-00
ORIGINAL NEW CONFIDENTIAL

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

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

4508

Date	7-31-93	Sec.	8	Twp.	8	Range	23	Called Out	6:00 PM	On Location	8:40 PM	Job Start	10:15 PM	Finish	10:40 PM
Lease	Montgomery	Well No.	2	Location	3 W 1/2 N 1/2 W Hill City			Country	Graham	State	KS				
Contractor	Murfin Rig 8														
Type Job	Surface														
Hole Size	12 1/4		T.D.	204'											
Csg.	8 1/8 20'		Depth	203'											
Tbg. Size			Depth	KCC											
Drill Pipe			Depth	UCI 15											
Tool			Depth	UCI 15											
Cement Left in Csg.	15'		Shoe Joint	CONFIDENTIAL											
Press Max.			Minimum												
Meas Line	NO		Displace	12 1/4 bbls											
Perf.															

Owner Ritchie Exploration Inc

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.
X Roger P. Laurin

CEMENT

Amount Ordered 150 SKS 60/40 390 CC 220 Gel

Consisting of			
Common	90 SKS	5.25	517.50
Poz. Mix	60 SKS	3.00	180.00
Gel.	3 SKS	7.00	NK
Chloride	5 SKS	25.00	125.00
Quickset			

RELEASED

JAN 11 1996

Handling	1.00	150.00
Mileage	40 FROM CONFIDENTIAL	240.00
Sub Total		1212.50
Total		

Floating Equipment

EQUIPMENT		
Pumptrk	No.	Cementer
277		Dean Rundle
		Helper
Pumptrk	No.	Cementer
279		Carl Battin
		Helper
		Driver
Bulktrk	No.	Driver
283		Steve William

DEPTH of Job	203'
Reference:	Pump Trk chrg 430.00
	2 1/2 per Mile 40 Miles 90.00
	Surface Plug 42.00
	Sub Total 562.00
	Tax
	Total

Remarks: Ran 5 Joints 8 5/8 Csg
Cement did circulate

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OCT 11 1993
10-19-1993
Wichita Kansas

15-065-22721-00-00

883-2627, Russell, Kansas
316-793-5861, Great Bend, Kansas

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

NEW

ALLIED CEMENTING CO., INC.

4513

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

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ORIGINAL

Date	8-7-93	Sec.	8	Wp.	8	Range	23	Called Out	3:00 AM	On Location	6:40 AM	Job Start	8:00 AM	Finish	10 ¹⁵
Lease	MONTGOMERY		Well No.	2		Location	3 W NW 1/4 W Hill City		County	Graham		State	KS		
Contractor	MURKIN Rig 8					Owner	Ritchie Exploration Inc								
Type Job	PTA					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		T.D.	3245'											
Csg.			Depth												
Tbg. Size			Depth												
Drill Pipe	4 1/2		Depth	1920'											
Tool			Depth												
Cement Left in Csg.			Shoe Joint	KCC											
Press Max.			Minimum	OCT 1 5											
Meas Line			Displace	CONFIDENTIAL											
Perf.															

EQUIPMENT

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

DEPTH of Job	1920'
Reference:	Pump Trk Chrg 430.00
	2 ²⁵ per mile 39 miles 87.75
	Dry Hole Plug 21.00
	Sub Total 538.75
	Tax
	Total

Remarks:
 1st Plug at 1920' w/ 25 sks
 2d Plug at 1100' w/ 100 sks
 3rd Plug at 250' w/ 40 sks
 4th Plug at 40' w/ 10 sks
 15 sks in Rat Hole

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.	X [Signature]		
	CEMENT		
Amount Ordered	190 sks 60/40 690 Gel 1/2 colls		
Consisting of			
Common	114 sks	5.75	655.50
Poz. Mix	76 sks	3.00	228.00
Gel.	70 sks	7.00	490.00
Chloride			
Quickset			
	Celloflake 2 sks	27.50	55.00
		Sales Tax	
Handling		1.00	190.00
Mileage	39m	RELEASED .04	296.40
	JAN 11 1996	Sub Total	1473.90
	FROM CONFIDENTIAL	Total	

Thank You.

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 STATE CORPORATION COMMISSION
 10-19-1993
 OCT 10 1993