

ORIGINAL SIDE ONE

KCC

OCT 28

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

API NO. 15- 101-21,601-00-80

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Rocky Milford

Phone ( 316 ) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 30606

Wellsite Geologist: Kevin Kessler

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  Temp. Abd.
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

- Mud Rotary  Air Rotary  Cable

10/07/91 10/16/91 10/17/91

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

County Lane

160 S & 50 E of \_\_\_\_\_ East

NW SW NW Sec. 35 Twp. 18S Rge. 28W  West

3470 Ft. North from Southeast Corner of Section

3580 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

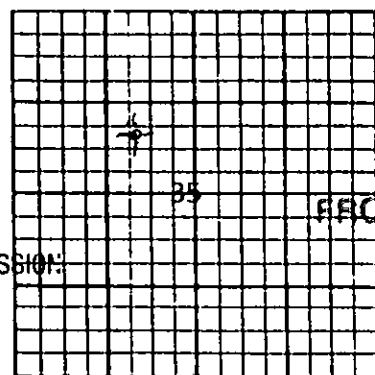
Lease Name E. Shapland Trust "A" Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 2706' KB 2711'

Total Depth 4573' PBTD n/a



5280  
4950  
4620  
4290  
3960  
3630  
3300  
2970  
2640  
2310  
1980  
1650  
1320  
990  
660  
330

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AIT II DYA

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CONSERVATION DIVISION WICHITA, KS

Depth of Surface Pipe Set and Cemented at 213' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 213'

feet depth to surface w/ 135 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 10/28/91

Subscribed and sworn to before me this 28th day of October, 19 91.

Notary Public Linda K. Rice  
LINDA K. RICE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Adm. Exp. 7/92

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name E. Shapland Trust "A" Well # 1  
Sec. 35 Twp. 18S Rge. 28W  East  West  
County Lane

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.)

Formation Description  
 Log  Sample  
Name Top Bottom  
**PLEASE KEEP THIS INFORMATION CONFIDENTIAL** See attached page.

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"	28#	213'	60/40 poz	135	2%gel, 3%CC

Shots Per Foot	PERFORATION RECORD 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 Production Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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  Perforation  Dually Completed  Commingled ..  
 Other (Specify) \_\_\_\_\_  
Production Interval \_\_\_\_\_

RITCHIE EXPLORATION, INC.

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

KCC

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Ritchie Exploration, Inc.'s  
 #1 E. Shapland Trust "A"  
 160' S & 50' E of NW SW NW  
 Section 35-18S-28W  
 Lane County, Kansas  
 API# 15-101-21,601-00-00  
 License #4767

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ACO-1 form  
 Page 2

ELECTRIC LOG TOPS

DST #1 from 4120' to 4152'  
 (L/KC "H" zone). Recovered  
 1,370' of water, trace oil.  
 IFP:55-215#/30"; ISIP:1022#/30";  
 FFP:267-299#/30"; FSIP:1012#/51"\*  
 \*Time extended because problem  
 w/rig.

DST #2 from 4189' to 4207'  
 (L/KC "J" zone). Recovered 15'  
 of muddy oil (93% oil, 7% mud).  
 IFP:22-22#/45"; ISIP:973#/45";  
 FFP:22-22#/45"; FSIP:954#/45".

DST #3 from 4215' to 4235'  
 (L/KC "K" zone). Recovered 70'  
 gas in pipe; 5' free oil; 45'  
 slightly oil cut watery mud (1%  
 oil, 79% mud, 20% water); 120'  
 slightly oil cut muddy water  
 (.5% oil, 10% mud, 89.5%  
 water). 170' total fluid.  
 IFP:11-33#/30"; ISIP:1022#/45";  
 FFP:55-87#/30"; FSIP:1022#/45".

DST #4 from 4253' to 4293' (L/KC Middle Creek & "L" zone).  
 Recovered 45' gas in pipe; 5' clean oil; 70' oil cut muddy  
 water (2% oil, 15% mud, 73% water). 75' total fluid.  
 IFP:22-33#/45"; ISIP:invalid/45"; (tool slid)  
 FFP:44-55#/45"; FSIP:120#/45".

DST #5 from 4295' to 4410' (Marmaton - Altamont "C" zone).  
 Recovered 20' of oil cut mud (7% oil, 93% mud).  
 IFP:11-11#/45"; ISIP:141#/45";  
 FFP:11-11#/45"; FSIP:98#/45".

DST #6 from 4548' to 4563' (Cgl. sand). Recovered 2' of  
 oil and 60' of mud cut water with trace of oil (trace of  
 oil, 15% mud, 85% water).  
 IFP:11-22#/30"; ISIP:1225#/30";  
 FFP:22-22#/30"; FSIP:44#/30". (Invalid - tool did not close).

DST #7 from 4566' to 4573' (Miss. Dolo.). Recovered 30'  
 oil spotted muddy water (trace of oil, 45% mud, 55% water)  
 and 567' of gassy water (1% gas, 99% water). 597' of total  
 fluid.  
 IFP:22-120#/30"; ISIP:1051#/30";  
 FFP:162-236#/30"; FSIP:877#/30".

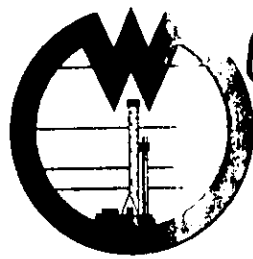
Anhydrite	2046' (+ 665)
B/Anhydrite	2074' (+ 637)
Heebner	3899' (-1188)
Lansig	3938' (-1227)
Stark	4217' (-1506)
B/KC	4300' (-1589)
Marmaton	4331' (-1620)
Pawnee	4414' (-1703)
My. Station	4449' (-1738)
Ft. Scott	4468' (-1757)
Cherokee	4490' (-1779)
Johnson zone	4528' (-1817)
Cgl. sand	4550' (-1839)
Miss.	4564' (-1853)
LTD	4572' (-1861)

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CONSERVATION DIVISION  
 WICHITA, KS



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AND ELLIS DRILLING, Inc.

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DRILLERS LOG

CONSERVATION DIVISION FROM CONFIDENTIAL  
WICHITA, KS

OPERATOR: Ritchie Exploration, Inc., 125 N. Market - #1000, Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc. 401 E. Douglas - Suite 500  
Wichita, Kansas 67202

Lease Name E. Shapland Trust "A" Well No. 1  
160' S & 50' E of  
Sec. 35 T. 18S R. 28W Spot NW SE NW  
County Lane State Kansas Elev. \_\_\_\_\_

Casing Record:

Surface: 8 5/8" @ 213' with 135 sx.

Production: \_\_\_\_\_ @ \_\_\_\_\_ with \_\_\_\_\_ sx.

Type Well: D & A Total Depth 4573'

Drilling Commenced 10-7-91 Drilling Completed 10-17-91

Formation	From	To	Tops	
Cellar	0	5	Anhydrite	2056
Shale & Clay	5	720	Heebner/Toronto	3840
Shale & Sand	720	1415	Lansing	3995
Shale	1415	1549	Lansing/KC	4115
Sand	1550	1843	Kansas City	4152
Shale	1844	2765	Marmaton	4293
Shale & Lime	2765	3265	Pawnee/Ft. Scott/	
Shale	3265	3385	Cherokee	4420
Lime & Shale	3385	4410	Ft. Scott/	
Lime	4410	4573	Cherokee	4530

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OCT 9 1

ORIGINAL 1004805

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 1422  
 OCT 2 8  
 CONFIDENTIAL

*NEW*

Date	10-7-91	Sec.	35	fwp.	18	Range	28	Called Out	2:30 Pm	On Location	4:30 Pm	Job Start	5:00 Pm	Finish	6:00 Pm
Lease	E. Shepard	Well No.	#A-1	Location	Lighton	2nd St	Lane	County		State	KS				
Contractor	White & Ellis Drilling														
Type Job	Surface														
Hole Size	12 1/4	T.D.	215	Csg.	8 5/8	20#	Depth	214	Tbg. Size		Depth		Drill Pipe		Depth
Tool		Depth		Cement Left in Csg.	15'	Shoe Joint		Press Max.		Minimum		Meas Line		Displace	13
Perf.															

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**EQUIPMENT**

Pumptrk	No. 46	Cementer	Randy Parsons
		Helper	Bill
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	116	Driver	Bob
Bulktrk		Driver	

**DEPTH of Job**

Reference:	Pump Truck	380.00
	8 5/8 Plug	42.00
	29 Mileage	58.00
	<b>Total</b>	<b>480.00</b>

Remarks: Cement Did Circulate  
 Allied Cementing  
 By Randy Parsons

OCT 14 1991

Thank You!

Owner  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To Ritchie Exploration  
 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. X James Bonnell  
**RELEASED**  
 CEMENT NOV 1 8 1993

Amount Ordered 1355x 6 3/4" ~~PROFESSIONAL~~  
 Consisting of  
 Common 81 5.25 425.25  
 Poz. Mix 54 2.25 121.50  
 Gel. 3 6.75 20.25  
 Chloride 4 RECEIVED 21.00 84.00  
 Quickset KANSAS CORPORATION COMMISSION

OCT 31 1991  
 Handling 135 1.00 135.00  
 Mileage 29 CONSERVATION DIVISION WICHITA KS 156.66  
**Total 922.35**

Floating Equipment  
 Total \$ 1402.35  
 Disc - 210.36  
**\$ 1191.99**

27, Russell, Kansas

93-5861, Great Bend, Kansas

# ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

## ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NO. **OCT 28**  
**9204**  
CONFIDENTIAL

*New*

Date	10-16-91	Sec.	35	Twp.	18	Range	28	Called On	11:00 AM	On Location	12:00 AM	Job Start	4:00 PM	Finish	7:15 AM
Lease	Shepherd Trust		Well No.	A-1		Location		Dighton 2nd Grade Lane			County	KS		State	KS

Contractor	White & Ellis		
Type Job	Rotary Pile		
Hole Size	2 3/8"	T.D.	4573
Csg.	8 5/8"	Depth	
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Displace	
Meas Line			
Perf.			

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EQUIPMENT CONFIDENTIAL

Pumptrk	No.	Cementer	Rand L Parsons
	46	Helper	
Pumptrk	No.	Cementer	Bill
		Helper	
Bulktrk	220	Driver	Keith
		Driver	

DEPTH of Job		
Reference:	Pump Truck	475.00
	8 5/8 Pile	20.00
	29 Mileage	58.00
	10 23 91 SK	
	Total	553.00

Remarks:

- 50 sks @ 2090 ft
- 80 sks @ 1220 ft
- 50 sks @ 610 ft
- 30 sks @ 230 ft
- 10 sks @ 40 ft
- 15 sks @ Rat Hole

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 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.  
x Donald A. Deming

CEMENT

Amount Ordered 235 sks @ 60% per bag 1/4 lb sk

Consisting of	Per sk		
Common	141	5.25	740.25
Poz. Mix	94	2.25	211.50
Gel.	14	6.75	94.50
Chloride			
Quickset			
Flo Seal 59#		1.00	59.00

Handling 235 1.00 235.00

Mileage 29 272.60

Total \$ 2165.85  
Disc - 324.88  
\$ 1840.97

Floating Equipment

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CONSERVATION DIVISION  
WICHITA, KS

*Allied Cementing*  
*Randy Parsons*  
*Thank you!*

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