

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

API NO. 15- 193-20,601 - **ORIGINAL**

County Thomas
SE - NE - NE Sec. 34 Twp. 8S Rge. 31 X W

Operator: License # 4767 **DEC 1 8**

Name: Ritchie Exploration, Inc. **CONFIDENTIAL**

Address 125 N. Market, Ste. 1000

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Bob Mathiesen

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Kitt Noah

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-26-92 11-04-92 11-04-92
Spud Date Date Reached TD Completion Date

990 Feet from S/W (circle one) Line of Section

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

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

Lease Name Sunny Lea Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2979' KB 2984'

Total Depth 4623' PBSD 4650'

Amount of Surface Pipe Set and Cemented at 290 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 cm

Drilling Fluid Management Plan 740 12-30-92
(Data must be collected from the Reserve Pit)

Chloride content 1900 ppm Fluid volume 657 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____ **RELEASED**
Lease Name _____ License No. 4 1995
PLEASE KEEP THIS INFORMATION CONFIDENTIAL
County _____ Sec. _____ Twp. _____ S Rng. _____ E/W
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-4 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.

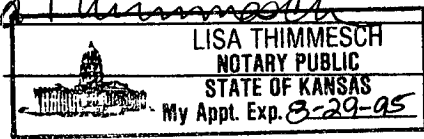
Signature [Signature] **DEC 18 1992**

Title President Date 12-18-92

Subscribed and sworn to before me this 18th day of December 19 92.

Notary Public [Signature]

Date Commission Expires _____



CONSERVATION DIVISION OFFICE USE ONLY
WICHITA, KS
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Sunny Lea Well # 1

Sec. 34 Twp. 8S Rge. 31

East
 West

County Thomas

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:

no logs run

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"	28#	290'	60/40	190	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 <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

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TUBING RECORD	Size	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 Perforation Dually Comp. Commingled Other (Specify)

Production Interval

15-193-20601-00-00

RITCHIE EXPLORATION, INC.

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

RELEASED

FEB 14 1995

#1 Sunny Lea
SE NE NE
Section 34-8S-31W
Thomas County, Kansas
API# 15-193-20,601

ORIGINAL

DEC 18 FROM CONFIDENTIAL
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SAMPLE TOPS

Anhydrite	2610' (+ 374)
B/Anhydrite	2644' (+ 340)
Topeka	3726' (- 802)
Heebner	3989' (-1005)
Toronto	4012' (-1028)
Lansing	4027' (-1043)
Stark	4232' (-1248)
B/KC	4290' (-1306)
Marmaton	4309' (-1325)
Pawnee	4406' (-1422)
Myrick Sta	4452' (-1468)
Fort Scott	4477' (-1493)
Cherokee	4502' (-1518)
Miss. Lst.	4594' (-1610)
Miss. Dol.	4614' (-1630)
RTD	4623' (-1639)

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INFORMATION
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DST #1 from 3983' to 4042' (Toronto and L/KC "A" zone). Recovered 15' mud.

IFP:42-42#/30"; ISIP:914#/30";
FFP:42-42#/30"; FSIP:841#/30".

DST #2 from 4042' to 4082' (L/KC "C" and "D" zones). Recovered 15' of mud with a few oil spots.

IFP:30-30#/30"; ISIP:1260#/30";
FFP:30-30#/30"; FSIP:1230#/30";

DST #3 from 4080' to 4110' (L/KC "E" and "F" zones). Recovered 1240' of water.

IFP:71-325#/30"; ISIP:1170#/45";
FFP:386#-537#/30"; FSIP:1149#/45".

DST #4 from 4141' to 4300' (L/KC "H" through "L" zones). Recovered 150' of watery mud.

IFP:30-30#/45"; ISIP:1349#/45";
FFP:40-40#/45"; FSIP:1339#/45".

DST #5 from 4313' to 4466' (Marmaton, Altamont "A" to Myrick Station). Recovered 20' mud.

IFP:40-40#/30"; ISIP:406#/30";
FFP:50-50#/30"; FSIP:345#/30".

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DEC 18 1992

CONSERVATION DIVISION
WICHITA, KS

Phone 913 83-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

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

New

ALLIED CEMENTING CO., INC.

2148

Home Office P. O. Box 31

Russell, Kansas 67665

15-93-2001-00-00

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-26-92	34	8 ^S	31 ^W	1:30 A.M.	4:30 P.M.	6:40 P.M.	7:00 P.M.
Lease	Well No.	Location		County	State		
SUNNY Lea	1	Campus 9 1/2 N W 34 1/2 W		Thomas	Ks.		

Contractor	Rig #
Murfin Dalg. Co.	8
Type Job	
Set Surface Pipe	
Hole Size	T.D.
12 1/4"	291'
Csg.	Depth
8 7/8"	290'
Tbg. Size	Depth
Drill Pipe	Depth
	DEC 1 0
Tool	Depth
Cement Left in Csg.	Shoe Joint
15'	CONFIDENTIAL
Press Max.	Minimum
	-
Meas Line	Displace
X	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. 67202-1775
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
CEMENT	
Amount Ordered	190 sks @ 1/40 per 220 gal, 390 c.c.
Consisting of	
Common	114 sks @ 6.35/sk = 723.90
Poz. Mix	76 sks @ 2.65/sk = 201.40
Gel.	3 sks N/C
Chloride	6 sks @ 21.00/sk = 126.00
Quickset	
Sales Tax	
Handling	01.00/sk (190 sks) = 190.00
Mileage	004 + 1/sk/mi (20 mi.) = 152.00 (from Dallen)
Sub Total # 1393.30	
Total	

EQUIPMENT

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

DEPTH of Job

Reference:	#		
#1	Pumptruck-surface	380.00	
#13	mileage @ 2.00/mi	40.00	
	1-8 7/8" rubber plug	73.00	
	(Sub Total)	493.00	
	Tax		
	Total		

Remarks: Cement Circulated.

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DEC 18 1992

FROM CONFIDENTIAL

OCT 3 2

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CONSERVATION DIVISION WICHITA, KS

NOV 2 1992

ORIGINAL

2627, Russell, Kansas

5193-20601-00-00

DEC 18

Phone Plainville 913-434-2812

16-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

5328

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	11-4-92	Sec.	34	Fwp.	85	Range	31w	Called Out	7:00am	On Location	10:00am	Job Start	12:30pm	Finish	2:45 PM	
Lease	SUNNY LEA	Well No.	# 1	Location				CAMPUS 8N 1W 5 1/2 N	County	THOMAS	State	KANSAS				
Contractor	MURFIN DRUG RIG # 8															
Type Job	ROTARY PLUG															
Hole Size	7 7/8	T.D.	4629'													
Csg.	8 5/8 SURFACE	Depth	290'													
Tbg. Size		Depth														
Drill Pipe	4 1/2 X-H	Depth	2630'													
Tool		Depth														
Cement Left in Csg.		Shoe Joint														
Press Max.		Minimum	✓													
Meas Line		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 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 *Robert L. ...*

CEMENT

Amount Ordered 190 SK 6 3/4 poz. 6 1/2 GEL ^{1/4 # F10} SEAL P. RSK

EQUIPMENT

Pumptrk # 191	No.	Cementer	<i>John</i>
		Helper	<i>Larry</i>
Pumptrk # 212	No.	Cementer	
		Helper	
Bulktrk # 212		Driver	<i>Joe</i>
Bulktrk		Driver	

Consisting of			
Common	114	6.35	723.90
Poz. Mix	76	2.65	201.40
Gel.	7	6.75	47.25
Chloride			
Quickset			
Flo Seal 50 #	100		50.00
Handling	100		190.00
Mileage 20 m	0.4		152.00
Sub Total			1364.55
Total			

DEPTH of Job		
Reference:	Pump TRUCK CHRG	380.00
	200 Per mile 20 m	40.00
	1-8 3/8 DRY HOLE PLUG	21.00
	Sub Total	441.00
	Tax	
	Total	

Remarks:

- 25 SK @ 2630'
- 100 SK @ 1700'
- 40 SK @ 325'
- 10 SK @ 40' + PLUG
- 15 SK @ RAT HOLE

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FEB 14 1993

CONSERVATION DIVISION
WICHITA, KS

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