

CONFIDENTIAL

SIDE ONE

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

101-21,693-0000

ORIGINAL

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: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: R. Milford

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas ENHR S16W

Dry Other (Core, VSW, Expl., Cathodic, etc)

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

Operator: RELEASED

Well Name: _____

Comp. Date _____ Old Total Depth 111 31 1997

Deepening Re-perf. Conv. to SWD

Plug Back Other

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

1-31-95 2-8-95 2-8-95
Spud Date Date Reached TD Completion Date

API NO. 15- _____
County Lane

SW . SE. NW Sec. 18 Twp. 19 Rge. 27W ^E

2293 Feet from S/W (circle one) Line of Section

1640 Feet from E/W (circle one) Line of Section

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

Lease Name Maughlin Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2731 XB 2736

Total Depth 4643 PBSD _____

Amount of Surface Pipe Set and Cemented at 213 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 cmt.

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

Chloride content 2,900 ppm Fluid volume 764 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. _____

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.

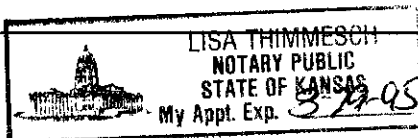
Signature [Signature]

Title President Date 3/30/95

Subscribed and sworn to before me this 30th day of March 19 95.

Notary Public Lisa Thimmesch

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
E Geologist Report Received
Distribution
KCC SWD/Rep _____ NGPA
3-31-95 _____ Plug _____ Other _____
(Specify)

Operator Name Ritchie Exploration, Inc. Lease Name Maughlin Well # 1
 Sec. 18 Twp. 19 Rge. 27W 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached sheet	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

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"	28#	213	60/40 poz	125	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	<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 _____

PLEASE DO NOT
 MAKE ANY
 COPIES

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

ORIGINAL

#1 Maughlin

SW SE NW

Section 18-19S-27W

Lane County, Kansas

API# 15-101-21,693

Elevation: 2731' G.L. 2736' K.B.

CONFIDENTIAL

	SAMPLE TOPS	Well
Anhydrite	2067' (+ 669)	
B/Anhy	2099' (+ 637)	
Heebner	3957' (-1221)	
Lansing	4000' (-1264)	
Stark	4273' (-1537)	
B/KC	4348' (-1612)	
Marmaton	4374' (-1638)	
Pawnee	4469' (-1733)	
Myrick Sta	4499' (-1763)	
Fort Scott	4518' (-1782)	
Cherokee	4538' (-1802)	
Johnson zn	4576' (-1840)	
Miss Lst	4617' (-1881)	
Miss Dol	4636' (-1900)	
RTD	4643' (-1907)	

RELEASED

MAR 31 1997

FROM CONFIDENTIAL

DST #1 from 4270' to 4289' (L/KC "K" zone). Recovered 120' of muddy water with a scum of oil and 240' of water.

IFP:41-93#/45"; ISIP:966#/45";
FFP:124-166#/45"; FSIP:904#/45".

DST #2 from 4508' to 4614' (Johnson zone and Conglomerate sand). Recovered 10' mud.

IFP:31-31#/30"; ISIP:52#/30";
FFP:31-31#/30"; FSIP:41#/30".

PLEASE RETURN THIS
TO THE ORIGINAL OWNER

MAR 31 1995
3-31-95

ALLIED CEMENTING CO., INC.

02.00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:
OAKLEY, KS

DATE <u>2-7-95</u>	SEC. <u>18</u>	TWP. <u>19S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>10:30 PM</u>	JOB START <u>12:30 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>MAUGHLIN</u>	WELL # <u>1</u>	LOCATION <u>DIGHTON 6E-6S</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>WHITE & ELKS DRLLG.</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>4643'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2090'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED 235 SKS 60/40/26/66L
1/4 Flt. SKN

COMMON	<u>141</u>	SKS	@	<u>6.10</u>	<u>860.10</u>
POZMIX	<u>94</u>	SKS	@	<u>3.15</u>	<u>296.10</u>
GEL	<u>12</u>	SKS	@	<u>9.50</u>	<u>114.00</u>
CHLORIDE			@		
<u>Flo-Sol</u>	<u>59#</u>		@	<u>1.15</u>	<u>67.85</u>

RELEASED

EQUIPMENT JUL 31 1997

PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRO</u>	CONFIDENTIAL
	HELPER <u>WAYNE</u>	
BULK TRUCK # <u>218</u>	DRIVER <u>DEAN</u>	
BULK TRUCK #	DRIVER	

HANDLING	<u>235</u>	SKS	@	<u>1.05</u>	<u>246.75</u>
MILEAGE	<u>4¢</u>	per SK/mile			<u>291.40</u>
					TOTAL <u>1,876.20</u>

REMARKS:

50SKS AT 2090'
80SKS AT 1300'
40SKS AT 600'
40SKS AT 240'
10SKS AT 40'
15SKS AT HOLES

SERVICE

DEPTH OF JOB	<u>2090'</u>			
PUMP TRUCK CHARGE				<u>550.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>31 miles</u>	@	<u>2.35</u>	<u>72.85</u>
PLUG	<u>8 7/8 D.H. Plus</u>	@		<u>23.00</u>

TOTAL 645.85

CHARGE TO: RITCHIE EXPLORATION, INC.
STREET 125 N Market, ST. #1000
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

STATE CORPORATION COMMISSION
MAR 31 1995
3-31-95

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE James Cromwell

FEB 95

MAR 18 1995

STATE CORPORATION COMMISSION

INVOICE

3.3003



HALLIBURTON

P.O. BOX 95
DALLAS, TX 75209

INVOICE NO.	DATE
806531	01/31/1995

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
LAUGHLIN 1 W-531350/	LANE	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
HAYS		CEMENT SURFACE CASING	01/31/1995		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
43500	JAMES CROMWELL			COMPANY TRUCK	84972

ORIGINAL

DIRECT CORRESPONDENCE TO:

RITCHIE EXPLORATION INC
125 N MARKET STE 1000
WICHITA, KS 67202

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	60	MI	2.75	165.00
		1	UNT		
001-016	CEMENTING CASING	213	FT	585.00	585.00
		1	UNT		
030-503	WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	125	SK	6.57	821.25 *
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	36.75	110.25 *
500-207	BULK SERVICE CHARGE	131	CFT	1.35	176.85 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	157.905	TMI	.95	150.01 *

INVOICE SUBTOTAL

2,103.36

DISCOUNT-(BID)
INVOICE BID AMOUNT

RELEASED

799.26-
1,304.10

*-KANSAS STATE SALES TAX
*-HAYS CITY SALES TAX

JUL 31 1997

38.23
7.80

FROM CONFIDENTIAL

JAN 9 5

1 0 1 3 3 1 2

MAR 3 1 1995
3-31-95

6100.270

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$1,350.13

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.