

CONFIDENTIAL

SIDE ONE

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

Rec'd
2-16-95

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market - Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: Texaco

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Duke Drilling

License: 5929

Wellsite Geologist: J. Christian

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: 11-19-94

Well Name: 3-11-97

Comp. Date 11-19-94 Old Total Depth 12-20-94

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

11-19-94 11-28-94 12-20-94
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22751-00-00
County Graham ORIGINAL
SW - NE - NE - Sec. 17 Twp. 10 Rge. 21 XX V
1000 Feet from S/W (circle one) Line of Section
1050 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 Grecian Trust Well # 1
Field Name _____
Producing Formation L/KC, Marmaton
Elevation: Ground 2225' KB 2234'
Total Depth 3865 PSTD 3828
Amount of Surface Pipe Set and Cemented at 222.28 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1702 Feet
If Alternate II completion, cement circulated from 1702
feet depth to surface w/ 295 sx cnt.

Drilling Fluid Management Plan AIP II 3-22-96
(Data must be collected from the Reserve Pit) LV

Chloride content 24,000 ppm Fluid volume 857 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No. _____

Quarter Sec. Twp. Rge. E/W

County _____ Docket No. _____

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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 forms with all plugged wells. Submit CP-111 forms 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 2/15/95

Subscribed and sworn to before me this 15th day of Feb. 1995.

Notary Public Lisa Timmesch

Date Commission Expires _____

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Ritchie Exploration, Inc.

Lease Name Gradian Trust

Well # 1

Sec. 17A 10 21 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.)
List All E.Logs Run:

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

See attached sheet

Radiation Guard Log
Gamma Ray Correlation Log

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 1/2	8-5/8"	24#	222.28	60/40poz	125	3%cc 2%gel
Production	12 1/2	4-1/2"	10-1/2#	3862'	EA213510%	135	5%cal 10%salt

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	3780'-3786' Marmaton	800 gal 15% MCA	Marmaton
3	3566.5'-3570' 70' zone	600 gal 15% NE	70' zone
3	3533'-3536.5' 35' zone	1000 gal 15% NE	35' zone

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	3814'	NA	
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12-20-95					
Estimated Production Per 24 Hours	Oil 12.74 bbls.	Gas Mcf	Water 3.34 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.

ORIGINAL

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 Grecian Trust
 60' W & 10' S of SW NE NE
 Section 17-10S-21W
 Graham County, Kansas
 API# 15-065-22,751-00-00
 Duke Rig 4
 Elevation: 2225' G.L. 2234' K.B.

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MAR 11 1997

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ELECTRIC LOG TOPS

Anhydrite	1728' (+506)
B/Anhy	1770' (+464)
Topeka	3242' (-1008)
Heebner	3451' (-1217)
Toronto	3474' (-1240)
Lansing	3491' (-1257)
B/KC	3718' (-1484)
Marmaton	3776' (-1542)
Arbuckle	3833' (-1499)
LTD	3865' (-1631)

DST #1 from 3514' to 3542' (L/KC 35' zone). Recovered 57' of gas in pipe and 63' of gassy oil cut mud (5% gas, 35% oil, 60% mud).

IFP:28-30#/30"; ISIP:672#/45";

FFP:34-37#/30"; FSIP:650#/45".

DST #2 from 3540' to 3574' (L/KC 50' and 70' zones). Recovered 715' of gas in pipe, 125' of clean oil and 90' of gas and oil cut mud (15% gas, 35% oil, 50% mud).

IFP:28-53#/45"; ISIP:588#/45";

FFP:62-89#/45"; FSIP:575#/45".

DST #3 from 3636' to 3680' (L/KC 160' and 180' zones). Recovered 5' of oil and 30' of gassy oil cut mud (5% gas, 15% oil, 80% mud).

IFP:27-29#/30"; ISIP:479#/30";

FFP:30-31#/30"; FSIP:271#/30".

DST #4 from 3676' to 3714' (L/KC 200' and 220' zones). Recovered 20' of clean oil and 10' of oil cut mud (20% oil, 80% mud).

IFP:46-46#/30"; ISIP:81#/30";

FFP:46-46#/30"; FSIP:139#/30".

DST #5 from 3779' to 3792' (Marmaton). Recovered 180' of gas in pipe, 65' of clean oil and 10' of oil cut mud (30% oil, 70% mud).

IFP:34-34#/45"; ISIP:1075#/60";

FFP:46-46#/45"; FSIP:1018#/60".

DST #6 from 3790' to 3834' (Arbuckle). Recovered 10' of mud with oil spots, 124' of drilling mud and 186' of muddy water.

IFP:58-104#/45"; ISIP:1178#/45";

FFP:116-162#/45"; FSIP:1190#/45".

INVOICE

33003



HALLIBURTON
ORIGINAL

W-31620001

15-065-22751-00-00

INVOICE NO.	DATE
599526	11/19/1994

WELL LEASE NO./PROJECT RECIAN TRUST 1		WELL/PROJECT LOCATION GRAHAM		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR DUKE DR LG	JOB PURPOSE CEMENT SURFACE CASING		TICKET DATE 11/19/1994
ACCT. NO. 43500	CUSTOMER AGENT RICH WHEELER	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 80919

CONFIDENTIAL

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	2.75	220.00
		1	UNT		
001-016	CEMENTING CASING	222	FT	585.00	585.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	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
506-121	HALLIBURTON-GEL 2%	200	LB	.00	N/C
500-207	BULK SERVICE CHARGE	131	CFT	1.35	176.85
500-306	MILEAGE CMTG MAT DEL OR RETURN	210.54	TMI	.95	200.01

INVOICE SUBTOTAL

2,208.36

DISCOUNT-(BID)

728.75-

INVOICE BID AMOUNT

1,479.61

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

42.96
8.76

CONFIDENTIAL

NOV 9 4

1013034 RELEASED

MAR 11 1997

FROM CONFIDENTIAL

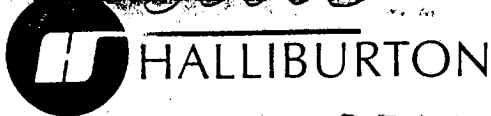
6100.
270

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$1,531.33

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.

ORIGINAL



P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
722646	11/28/1994

U-3162001 (C) 15-015-22751-00-00 ORIGINAL

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
RECIAN TRUST 1	GRAHAM	KS	RITCHIE EXPLORATION
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
AYS	DUKE DRILLING RIG 4	CEMENT PRODUCTION CASING	11/28/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
43500	JOHN C NIERNBERGER		
COMPANY TRUCK			FILE NO.
			81281

Cement + Float eqpt to cut from 15g
DIRECT CORRESPONDENCE TO:

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

CONFIDENTIAL

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	2.75	220.00
		1	UNT		
001-016	CEMENTING CASING	3862	FT	1,570.00	1,570.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	4	1/2 IN	55.00	55.00
		1	EA		
12A	GUIDE SHOE - 4 1/2" 8RD THD. 6500-800	1	EA	95.00	95.00
325.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD 6500-100	1	EA	73.00	73.00
815.19101					
27	FILL-UP UNIT 4 1/2"-5" 6500-100	1	EA	45.00	45.00
815.19111					
40	CENTRALIZER 4-1/2 X 7 7/8 8.44 6500-800	6	EA	43.00	258.00
807.93004					
73	PORT COLLAR 6500-800	1	EA	1,665.00	1,665.00
813.0141					
320	CEMENT BASKET 4 1/2" 6500-800	1	EA	105.00	105.00
800.8881					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	185.00	185.00
213-009	MUD FLUSH	500	GAL	.65	325.00
504-308	CEMENT - STANDARD	150	SK	7.82	1,173.00
509-968	SALT	650	LB	.15	97.50
507-775	HALAD-322	57	LB	7.00	399.00
507-970	D-AIR 1, POWDER	38	LB	3.25	123.50
508-127	CAL SEAL 60	7	SK	25.90	181.30
500-207	BULK SERVICE CHARGE	169	CFT	1.35	228.15
500-306	MILEAGE CMTG MAT DEL FROM RETURN	300	TMI	.95	295.36

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INVOICE SUBTOTAL NOV 94 1013047 7,093.81

***** CONTINUED ON NEXT PAGE *****

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ALLIED CEMENTING CO., INC.

0694

15-065-22751-00-00

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

ORIGINAL

SERVICE POINT:

Russell/Hay

DATE <i>12-8-94</i>	SEC. <i>17</i>	TWP. <i>10^S</i>	RANGE <i>21^W</i>	CALLED OUT	ON LOCATION <i>9:30 AM</i>	JOB START	JOB FINISH <i>12:00 PM</i>
LEASE <i>Coracion Fruit</i>	WELL# <i>1</i>	LOCATION <i>Bogue Red Line Jet</i>			COUNTY <i>Graham</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)				<i>381E+54E</i>			

CONTRACTOR *Pauls well Service*

TYPE OF JOB *part collar*

HOLE SIZE _____ T.D. _____

CASING SIZE *4 1/2* DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH *1702*

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED *400⁵⁰ 6% gel*

1/4 lb Flour Seal (used 295 sk.)

COMMON	<i>147</i>	@	<i>5.75</i>	<i>845.25</i>
POZMIX	<i>148</i>	@	<i>3.00</i>	<i>444.00</i>
GEL	<i>15</i>	@	<i>9.00</i>	<i>135.00</i>
CHLORIDE		@		
<i>Flour Seal</i>	<i>3</i>	@	<i>28.75</i>	<i>86.25</i>
		@		
		@		
		@		
HANDLING	<i>295</i>	@	<i>1.00</i>	<i>295.00</i>
MILEAGE	<i>42 / Sh</i>		<i>1.70 / Mile</i>	<i>714.00</i>
TOTAL				<i>2277.50</i>

EQUIPMENT

217 PUMP TRUCK CEMENTER *Dave*

153 HELPER *Mark*

BULK TRUCK

213 DRIVER *Jason*

BULK TRUCK

279 DRIVER *Bill*

CONFIDENTIAL

REMARKS:

SERVICE

Cement

- Cir

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ *525.00*

EXTRA FOOTAGE @ _____

MILEAGE *40* @ *2.25* *90.00*

PLUG @ _____

TOTAL *615.00*

CHARGE TO: *Ritchie Exploration Trac*

STREET *125 N. Main St # 1000*

CITY *Wichita* STATE *Kansas* ZIP _____

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

TOTAL _____

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TAX *None*

TOTAL CHARGE *2892.50*

DISCOUNT *578.50* 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.