

ORIGINAL

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

JUL 10

CONFIDENTIAL

API NO. 15- 009-24,505 ORIGINAL  
County BARTON  
NE- SW- NW Sec. 06 Twp. 20s Rge. 15 xx W

Operator: License # 4767

Name: RITCHIE EXPLORATION, INC.

Address 125 N. Market

Suite 1000

City/State/Zip Wichita KS 67202

Purchaser: none

Operator Contact Person: Bob Mathiesen

Phone (316) 267-4375

Contractor: Name: WOODMAN-TANNITTI DRILLING CO.

License: 5122

Wellsite Geologist: Kevin Kessler

Designate Type of Completion

XX New Well Re-Entry Workover

Oil SVD S10W Temp. Abd.  
Gas ENHR SIGW  
XX Dry Other (Core, USW, Expl., etc)

If Workover/Re-Entry: old well info for cov.

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to SVD  
Plug Back PBDT  
Commingled Docket No.  
Dual Completion Docket No.  
Other (SVD or Inj?) Docket No.

5/19/92 5/24/92 5/25/92  
Spud Date Date Reached TD Completion Date

1650 Feet from S(N) (circle one) Line of Section

990 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 HETZKE Well # 1

Field Name Behrens

Producing Formation none

Elevation: Ground 1988' KB 1993'

Total Depth 3770' PBDT n/a

Amount of Surface Pipe Set and Cemented at 1018 Feet

Multiple Stage Cementing Collar Used? Yes XX No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ ex cat.

Drilling Fluid Management Plan ACT 1 D?A  
(Data must be collected from the Reserve Pit)

Chloride content 79,000 ppm Fluid volume 500 bbls

Deaerating method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name 4-10-1992 RELEASED

Lease Name License No.

Quarter. Sec. 7 SEP 6 1994 S Rng. E/W

County FROM CONFIDENTIAL

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RECEIVED JUL 10 1992 KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS

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 7/10/92

Subscribed and sworn to before me this 10th day of July 1992

Notary Public Glenna E. Lowe

Date Commission Expires

GLENN A. LOWE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 9-18-95

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

Operator Name **IRITCHIE EXPLORATION, INC.**

Lease Name **HETZKE**

Well # **1**

East

County **BARTON**

Sec. **06** Twp. **20s** Rge. **15**  
 West

**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

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

Radiation-Guard Log

**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"	23#LS	1018'	60#40 Poz	400	3%CC+2%Ge1

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

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

Date of First, Resumed Production, SVD or Inj. 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

ORIGINAL

## RITCHIE EXPLORATION, INC.

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

JUL 10

CONFIDENTIAL

RELEASED

SEP 6 1994

#1 Hetzke  
 NE SW NW  
 Section 6-20S-15W  
 Barton County, Kansas  
 API# 15-009-24,505

## ELECTRIC LOG TOPS

Anhydrite	1010' (+ 982)
B/Anhydrite	1033' (+959)
Heebner	3309' (-1317)
Brown Lime	3386' (-1394)
Lansing	3396' (-1404)
B/KC	3621' (-1629)
Arbuckle	3653' (-1661)
LTD	3770' (-1778)

DST #1 from 3618' to 3662' (Arbuckle). Recovered 180' of muddy water and 480' water.  
 IFP:125-229#/30"; ISIP:500#/30";  
 FFP:281-302#/30"; FSIP:468#/30".

DST #2 from 3675' to 3690' (Arbuckle). Recovered 870' of water.  
 IFP:145-250#/30"; ISIP:510#/30";  
 FFP:302-343#/30"; FSIP:489#/30".

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 KANSAS CORPORATION COMMISSION

JUL 10 1992

CONSERVATION DIVISION  
 WICHITA, KS

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 INFORMATION  
 CONFIDENTIAL

ORIGINAL

ORIGINAL

33002

HALLIBURTON SERVICES

A Halliburton Company

JUL 10

16.009.24505.0000  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE NO.	DATE
245727	05/19/1992

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	WELL/PLANT OWNER
10.3470001	BARTON	NO SAME

CONFIDENTIAL

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
BEAT BEND	WOODMAN IANNITTI	CEMENT SURFACE CASING	05/19/1992

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
3500	RICH WHEELER			COMPANY TRUCK	34304

DIRECT CORRESPONDENCE TO:

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

RELEASED

FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102 5601

SEP 6 1994

PRICE REF. NO.	DESCRIPTION	U/M	UNIT PRICE	AMOUNT
00-117	MILEAGE	20 MI	2.99	59.80
01-016	CEMENTING CASING	1018 FT	900.00	900.00
00-503	WOODEN PLUG	1 UN	90.00	90.00
04-308	STANDARD CEMENT	240 SK	6.06	1,454.40
06-105	POZMIX A	100 SK	5.44	544.00
00-121	HALLIBURTON-CEL 2X	7 SK	N/C	N/C
09-406	ANHYDROUS CALCIUM CHLORIDE	10 SK	26.50	265.00
00-207	BULK SERVICE CHARGE	420 CFT	1.15	483.00
00-306	MILEAGE CMTG MAT DEL OR RETURN	412.85 TMI	.30	230.28
INVOICE SUBTOTAL				4,126.48
DISCOUNT - (BID)				866.56-
INVOICE BID AMOUNT				3,259.92
KANSAS STATE SALES TAX				98.39
KANSAS COUNTY SALES TAX				23.16
KANSAS CORPORATION COMMISSION				
INVOICE TOTAL - PLEASE PAY THIS AMOUNT				3259.92

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 10 1992

CONSERVATION DIVISION  
WICHITA, KS

6100.0270 = 4126.48  
3820/40 = (866.56)  
3259.92

Please deduct  
S.T. New  
well - do  
not pay tax!

MAY 21 1992  
TRX!

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

3259.92

15.009.24505.0000

*BW* CONFIDENTIAL JUL 10

HALLIBURTON SERVICES

A Halliburton Company

33005

INVOICE NO. 245731	DATE 05/25/1992
WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION
STATE	WELL/PLANT OWNER

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
W. 3470001	BARTON	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
	WOODMAN MINNETTI	PLUG TO ABANDON	05/25/1992
ACCT. NO. 743500	CUSTOMER AGENT RICH WHEELER	VENDOR NO.	CUSTOMER P.O. NUMBER
			COMPANY TRUCK
			FILE NO. 34591

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

RELEASED

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

MAY 92

1006543

SEP 6 1994

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRECING AREA	EASTERN AREA 1				
000 117	MILEAGE	27	MI	2.00	59.00
		1	UNT		
090 910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
030-503	WOODEN PLUG	3 5/8	IN	90.00	90.00
		1	EA		
504-300	STANDARD CEMENT	90	SK	5.00	545.40
500 105	FOZMIX A	60	SK	3.10	294.00
500-121	HALLIBURTON-GEL 2X	3	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	5	SK	14.75	73.75
500 207	BULK SERVICE CHARGE	160	CFT	1.15	184.00
500 306	MILEAGE CMTS MAT DEL OR RETURN	157.55	TMI	.00	157.55
INVOICE SUBTOTAL					1,677.99
DISCOUNT (BID)					335.60
INVOICE BID AMOUNT					1,342.39
*-KANSAS STATE SALES TAX					53.61
*-BARTON COUNTY SALES TAX					12.61
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					1,342.39

FROM CONFIDENTIAL

*Please adjust records accordingly - No sales tax due to new well TRK*

*D.O.I-I  
6100.0770 = 1677.99  
3820/70 = 335.60*

*copy to Lisa  
5-28-92  
SRS*

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KANSAS CORPORATION COMMISSION  
JUL 10 1992  
CONSERVATION DIVISION  
WICHITA, KS

MAY 28 1992

1342.39

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

*OK BW*