

ORIGINAL

RELEASED
CONFIDENTIAL
MAY 11 1991

SIDE ONE

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

163-23,079-00-00

API NO. 15- _____
County Rooks ✓ FROM CONFIDENTIAL

Operator: License # 5352

Name: Baird Oil Co., Inc.

Address Box 428

Logan, Ks. 67646

City/State/Zip _____

Purchaser: Permian

Operator Contact Person: Jim R. Baird

Phone 913, 689-7456

Contractor: Name: Abercrombie Drilling

License: #5422

Wellsite Geologist: Jim R. Baird

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

2-13-90 2-20-90 3-12-90
Spud Date Date Reached TD Completion Date

SW NW SE Sec. 18 Twp. 7 S Rge. 19 East West

1650' ✓ Ft. North from Southeast Corner of Section

2310' ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

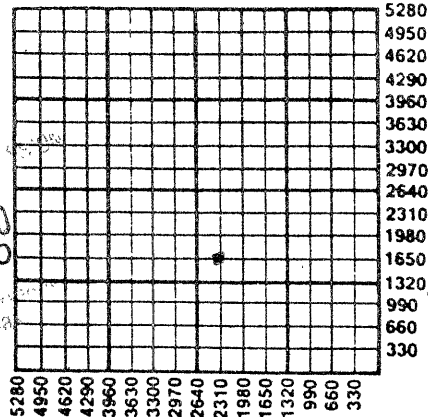
Lease Name Ross Heirs ✓ Well # 3

Field Name Valley View

Producing Formation Arbuckle

Elevation: Ground 2024 KB 2029

Total Depth 3487 PBDT _____



7-11-90

Amount of Surface Pipe Set and Cemented at 266.94 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1550 Feet

If Alternate II completion, cement circulated from 1550

feet depth to surface w/ 400 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 Jim R. Baird
Title Exec Vice-President Date _____

Subscribed and sworn to before me this 4th day of May, 19 90.

Notary Public Marilyn J. Allen

Date Commission Expires 2-9-94

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

Form ACO-1 (7-89)

ORIGINAL



ORIGINAL

SIDE TWO

Operator Name Baird Oil Co., Inc. Lease Name Ross Heirs Well # 3
 Sec. 18 Twp. 7S Rge. 19 East County Rooks
 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 additional sheets if more space is needed. Attach copy of log.

MAY 24 1991

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

FROM CONFIDENTIAL

Name	Top	Bottom
Anhydrite	1555	+474
B/Anhydrite	1586	+443
Topeka	2984	-955
Heebner	3184	-1155
Toronto	3209	-1180
Lansing	3226	-1197
St.Sh	3345	-1316
B/KC	3430	-1401
Arb	3477	-1448
TD	3487	-1458

DST#1(3127-3170) Oread 30-30-30-30
 IFP: 63-95 ISIP:962#
 FFP:158-180 FSIP:951# Rec:382' salt
 water w/few oil spots.
 DST#2(3366-3391) 140' zone 30-30-30-
 30 IFP:42-42 ISIP:63#
 FFP:31-31 FSIP:42# Re:10' HOCM
 w/show of FO (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"	24#	273'	60/40poz-	175	3%cc, 2%gel
Production		4-1/2"	10.5#	3481	60/40poz mix	200	2%gel, CFR2
Production	Alternate	11 completion		1550DV	Haliburton		
					light	400	Hal.light

PERFORATION RECORD

Shots Per Foot | Specify Footage of Each Interval Perforated

None	See below

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 4-1-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	2%	2	-	-	98%	98	-	25

Disposition of Gas: None

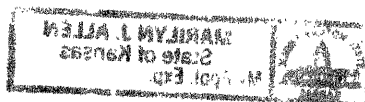
METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

3477

3516



API# 15-163,23,079

Ross Heirs #3 - Sec.18-7S-19W, Rooks Co., Ks. Baird Oil Co., Inc.

Drill Stems (cont)

DST #3(3385-3417) 160' zone 30-30-30-30

IFP: 42-42 ISIP: 63#

FFP: 42-42 FSIP: 42# Rec: 2' FO 20' HOCM

DST #4(3400-3438) 180' zone 30-30-30-30

IFP: 31-31 ISIP: 243#

FFP: 31-31 FSIP: 52# Rec: 4' FO 50' HOCM

DST #5(3468-3485) Arb. 45-45-45-45

IFP: 63-63 ISIP: 349#

FFP: 84=84 FSIP: 211# Rec: 120' cl.gassy oil 60' HOCM

Blow: 10" 1st open

4 1/2" 2nd open

RELEASED

MAY 24 1991

FROM CONFIDENTIAL

STATE RECEIVED
MAY 26 1991
COMMISSIONER OF REVENUE

ORIGINAL

CONFIDENTIAL

DALLAS, TX 75395-1046

INVOICE

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
908121	02/20/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
ROSS HEIRS 3		ROOKS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
		ABERCROMBIE		CEMENT PRODUCTION CASING		02/20/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
044605	JIM R. BAIRD			COMPANY TRUCK	90710	

RELEASED
MAY 24 1991
FROM CONFIDENTIAL

BAIRD OIL CO., INC.
 BOX 7
 LOGAN, KS 67646

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA	- MID CONTINENT				
000-117	MILEAGE	26	MI	2.20	57.20
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	3481	FT	990.00	990.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	865.00	865.00
		1	UNT		
018-317	SUPER FLUSH	12	SK	74.00	888.00
40	CENTRALIZER 4-1/2" MODEL S-4	5	EA	41.00	205.00
807.93004					
56	WALL CLEANER CABLE TYPE 4 1/2"	20	EA	25.50	510.00
807.2003					
71	MULT STAGE CEMENTER 4-1/2" 8RD	1	EA	2,350.00	2,350.00
813.10161					
75	PLUG SET 4 1/2"	1	EA	330.00	330.00
812.0112					
595	4 1/2" LATCH DOWN PLUG	1	EA	234.00	234.00
812.01195					
80	FORM PKR SHOE FLAP VLV 4 1/2"	1	EA	2,300.00	2,300.00
855.128					
320	CEMENT BASKET 4 1/2"	1	EA	85.00	85.00
800.8881					
82	FILL-UP UNIT	1	EA	45.00	45.00
855.02543					
504-118	HALLIBURTON LIGHT CEMENT -PREM	400	SK	4.92	1,968.00
504-308	STANDARD CEMENT	200	SK	5.45	1,090.00
504-308	STANDARD CEMENT	20	SK	5.45	109.00
506-105	POZMIX A	20	SK	2.88	57.60
506-121	HALLIBURTON-GEL 2%	1	SK	.00	N/C
509-968	SALT	1560	LB	.073	113.88
507-153	CFR-3	94	LB	3.90	366.60
507-210	FLOCELE	150	LB	1.22	
508-291	GILSONITE	500	LB	.35	175.00

RECEIVED
 JUN 20 1990

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

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

ORIGINAL

DALLAS, TX 75395-1046

ORIGINAL **HALLIBURTON SERVICES** CONFIDENTIAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
908121	02/20/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ROSS HEIRS 3		ROOKS		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS	ABERCROMBIE		CEMENT PRODUCTION CASING		02/20/199
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE N
044605	JIM R. BAIRD			COMPANY TRUCK	9071

RELEASED

MAY 24 1991

FROM CONFIDENTIAL

BAIRD OIL CO., INC.
BOX 7
LOGAN, KS 67646

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	673	CFT	.95	639.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	799.812	TMI	.70	559.87
	INVOICE SUBTOTAL				14,123.00
	DISCOUNT-(BID)				2,118.44-
	INVOICE BID AMOUNT				12,004.56
	*-KANSAS STATE SALES TAX				404.93
	*-HAYS CITY SALES TAX				47.62
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$12,457.11

ST-701
MAY 20 1990
MAY 10 1990

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