

ORIGINAL

SIDE ONE

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

API NO. 15- 163-23,177-20-00

County ~~Logan~~ Rooks

SW NE SW Sec. 19 Twp. 7S Rge. 19 East West

1650' Ft. North from Southeast Corner of Section

4950' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

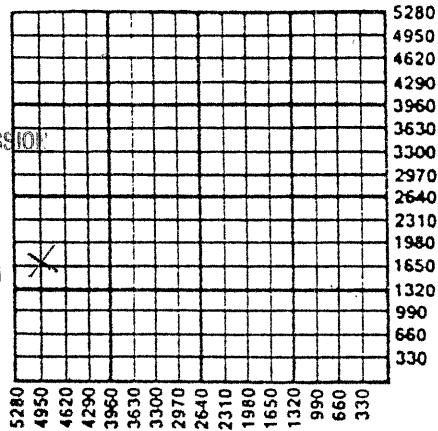
Lease Name Collins Well # 4

Field Name unknown

Producing Formation Arbuckle

Elevation: Ground 2000 KB 2005

Total Depth 3505' PBTD _____



A 17-D 1240

Amount of Surface Pipe Set and Cemented at 215' 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.

Operator: License # 5352

Name: Baird Oil Company, Inc.

Address P.O. Box 428

City/State/Zip Logan, KS 67646

Purchaser: _____

Operator Contact Person: Jim Baird

Phone (913) 689-7456

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8-6-91 8-13-91 8-13-91

Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION

DEC 02 1991
12-02-1991
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

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 Baird

Title Executive Vice-President

Subscribed and sworn to before me this 26th day of NOVEMBER, 19 91.

Notary Public Robert B. Hartman

Date Commission Expires 3/29/95

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

Plug Other (Specify)

ROBERT B. HARTMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 3/29/95

SIDE TWO

Operator Name Baird Oil Company, Inc. Lease Name Collins Well # 4
 East County Rooks
 Sec. 19 Twp. 7S Rge. 19 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.)

DST#1(3348-3376) 30-30-30-15-30 IFP:
 57-57 FFP:57-57 ISIP: 76 FSIP:67 Rec.
 35' of SOCM(sli.show of free oil)
 1st open: weak blow; 2nd open:no blow
 DST#2 (3458-3469) MIS-RUN PACKER
 FAILED.

(See additional page)

Name	Formation Description	
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
	Top	Bottom
Anhy	1520	+485
B/Anhy	1552	+453
Topeka	2961	-956
Heebner	3162	-1157
Toronto	3188	-1183
Lansing	3203	-1198
B/KC	3405	-1400
Arbuckle	3452	-1447
TD	3505	-1500

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

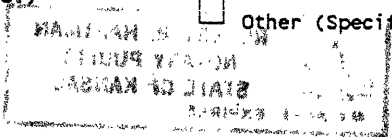
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	19#	215'	60-40 posmix	165	3% cc 2% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	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 Production _____ 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 Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) Other (Specify) _____



ORIGINAL

15-163-23177-00-00

COLLINS #4 DRILL STEM TESTS (Cont.)

DST #3-(3404-3469) 45-45-45-45 IFP: 86-86 FFP: 86-86 ISIP: 365
FSIP: 201 Rec. 40' of OCM. 1st open: weak blow 1½"
2nd open: no blow

DST #4-(3404-3480) 30-30-30-30 IFP: 67-67 FFP: 76-76 ISIP: 615
FSIP: 451 Rec. 62' of mud w/a few oil spots. 1st open: weak
blow 3" 2nd open: surface blow.

DST #5-(3160-3216) 30-30 IFP: 48-48 FFP: - - ISIP: 740 FSIP: -
Rec. 10' mud. Weak blow died in 25 min.

DST #6-(3470-3505) 15-30-30-30 IFP: 259-519 FFP: 625-855
ISIP: 1124 FSIP: 1124 Rec. 1800 of saltwater. Strong blow
throughout test.

RECEIVED
STATE COOPERATION COMMISSION

DEC 02 1991

COOPERATION DIVISION
Tulsa, Oklahoma

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665 15-163-23177-0000

ORIGINAL

TO: Abercrombie RTD, Inc.
801 Union Center
Wichita, KS 67202

INVOICE NO. 60032
PURCHASE ORDER NO. _____
LEASE NAME Collins #4
DATE Aug. 7, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 99 sks @\$5.25	\$510.75	
Pozmix 66 sks @\$2.25	148.50	
Chloride 5 sks @\$21.00	<u>105.00</u>	\$ 773.25
Handling 165 sks @\$1.00	165.00	
Mileage (25) @\$0.04 per sk per mi	165.00	
Surface	380.00	
Mi @\$2.00 pmp trk hhg	500.00	
1 plug	<u>42.00</u>	<u>802.00</u>
	Total	\$1,575.25
		Disc (236.29)
		net <u>1338.96</u>

Cement circulated

Thank you

911-Tyorky - 173.17
138 - 165.19

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

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DEC 02 1991

Wichita, Kansas

ORIGINAL

15-163-23177-00-00



DAILY DRILLING REPORT
43

CONTRACTOR: *Alexander R. T. D. Inc.* DATE: *8-7-91*

COMPANY: *Baird Oil Co. Inc.* LEASE: *Collins* WELL NO.: *4* RIG NO.: *4*

DISTRICT: COUNTY: *Rooks* STATE: *Ks.* D. P. STRING NO.: SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>Richard Hendrix</i>	<i>8</i>
						<i>Eric Riedell</i>	<i>8</i>
						<i>Tommy Springwater</i>	<i>8</i>
SLOPE TEST		ACCIDENT:— (GIVE NAME)					
@	FT.						
	DEG. OFF						
						<i>Tim Leiker</i>	<i>8</i>

*25-6el
6-Halls*

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
GUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *7:00-3:00 Rig up*

STATE OF KANSAS
DEC 02 1991
CONSERVATION DIVISION
Wichita, Kansas

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>James M. Rome</i>	<i>8</i>
						<i>Russell Wickelson</i>	<i>8</i>
SLOPE TEST		ACCIDENT:— (GIVE NAME)					
@	FT.						
	DEG. OFF						
						<i>Paul J. Flax</i>	<i>8</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
GUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *Loadout of Fountain #3 - move to Collins #4
Set Sitts - Rigging up tools*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>0</i>	<i>217</i>	<i>SHALE</i>				<i>BRAD Hill</i>	<i>8</i>
						<i>GRAY BRADY</i>	<i>8</i>
						<i>JOHN THOMPSON</i>	<i>8</i>
SLOPE TEST		ACCIDENT:— (GIVE NAME)					
@	FT.	<i>Plug DOWN @ 10:45</i>					
	DEG. OFF						
						<i>Lyle Bowen</i>	<i>8</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
GUN NO.	<i>1</i>	WEIGHT		DRILLING		SIZE D. P.	
SIZE	<i>12 1/4</i>	VISC.		CORING		SIZE COLL.	
MAKE	<i>RE RUN</i>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *DRILLED RAT HOLE - 3:00 - 5:00 5:00 - 8:00
SURFACE HOLE @ 8:30 - 10:00 RUN 8 3/4" - NEW 19" 8 R
TOILET 208.32 SET @ 215 W/4 INCHES BY CEMENT 110 W/165 S X POS 270
CEMENT - OLD CEMENT 3' LONG DOWN @ 10:45 P.M. BY ALLEN*