

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- 065-22,637-00-00

County Graham
70' E of _____ East
SW NW SE Sec. 11 Twp. 6S Rge. 23 X West

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 **OWMO**: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6-21-91 6-29-91
Spud Date Date Reached TD Completion Date

1650' Ft. North from Southeast Corner of Section

2240' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Larson Etal Well # 1

Field Name unknown

Producing Formation Arbuckle

Elevation: Ground 2361 KB 2366

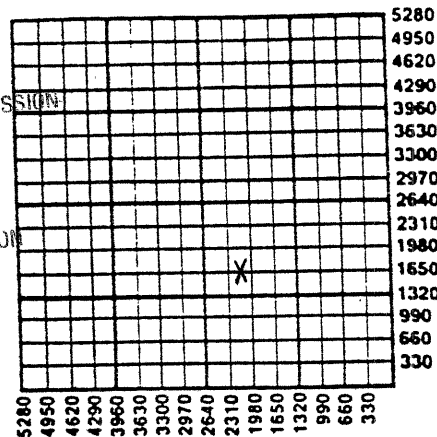
Total Depth 3810' PBDT _____

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CONSERVATION DIVISION
Wichita, Kansas

826-91



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330

11-D-040

Amount of Surface Pipe Set and Cemented at 272' 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.

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 8/22/91

Subscribed and sworn to before me this 22ND day of AUGUST, 19 91.

Notary Public Robert B. Hartman

Date Commission Expires 3/29/95

ROBERT B. HARTMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. 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
KGS _____ Plug _____ Other _____
(Specify)

SIDE TWO

Operator Name Baird Oil Company, Inc. Lease Name Larson Etal Well # #1
 Sec. 11 Twp. 6S Rge. 23 East County Graham
 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 (3506-3550) 30-30- IFP: 76-96
 FFP: - ISIP: 1190 FSIP: -
 rec. 150 ft. saltwater

DST #2 (3563-3594) 30-30 IFP: 182-644
 FFP: - ISIP: 1181 FSIP: -
 Rec. 1260 G.S.W.
 (See attached sheet)

Name	Formation Description	
	Top	Bottom
Topeka	3360	-994
Heebner	3557	-1191
Toronto	3581	-1215
Lansing	3598	-1232
BKC	3784	-1418
TD	3810	-1444

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 1/2"	8 5/8"		272'	60-40 posmix	200	3%cc 2%gel

Shots Per Foot	PERFORATION RECORD 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 Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

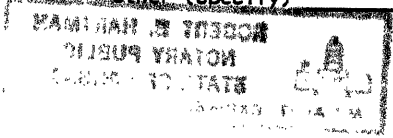
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____



ORIGINAL

LARESEN ETAL #1 DRILLSTEM TESTS (Cont.)

- DST #3-(3589-3616) 30-30 IFP: 84-240 FFP: - - ISIP: 1248 FSIP: -
Rec. 720' saltwater. Strong blow, bottom of bucket in 8 min.
- DST #4-(3616-3638) 30-30 IFP: 76-134 FFP: - - ISIP: 1267
FSIP: - Rec. 250' saltwater. Strong blow, bottom of bucket
in 18 min.
- DST #5-(3638-3661) 30-30-30-30 IFP: 201-692 FFP: 788-942
ISIP: 1171 FSIP: 1162 Rec. 2050' saltwater. 1st open: strong
blow bottom of bucket in 2". 2nd open: bottom of bucket in 4".
- DST #6-(3659-3690) 30-30 IFP: 134-500 FFP: - - ISIP: 1190
FSIP: - Rec. 1084" saltwater. Strong blow, bottom of
bucket in 3 min.
- DST #7-(3704-3736) 45-45-45-45 IFP: 48-86 FFP: 115-153 ISIP: 1267
FSIP: 1257 Rec. 270' saltwater w/a show of oil. 1st open:
fair blow, bottom of bucket in 45 min. 2nd open: 3" blow.
- DST #8-(3730-3760) 60-45-60-45 IFP: 57-96 FFP: 134-153 ISIP: 451
FSIP: 442 Rec. 60' of S.O.C.G.M.; 120' of W.M. w/oilspots;
120' of M.W. 1st open: fair blow, 7". 2nd open: 4".

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CONSERVATION DIVISION
Wichita, Kansas

DAILY DRILLING REPORT

43
 CONTRACTOR: *Abercrombie K.T.D INC.*
 DATE: *6-22-91*
 COMPANY: *Paired Oil Co. INC.* LEASE: *Larson-Etal* WELL NO.: *4* RIG NO.: *4*
 DISTRICT: COUNTY: *Graham* STATE: *Ks.* JUN 24 1991
 D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
145	274	Sand Shale	110	10 000	400	Richard Hendrix	8
						Eric Riedell	8
						Tony Rogers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
5.5 @ 274	FT.	Run 7 Jts 8 5/8-23 1/2 used 8 R Tally-26544					
1/8	DEG. OFF	Stop @ 272 w/Landing Jt. Cemented					
		w/200 SX 6 3/4 Pas 3% b.c. 2% Gel-Cement					
		old circ: Plugdown @ 2:45 AM By Allied				Tim Heiker	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	1	SIZE D. P.	
SIZE	12 1/4	VISC.		CORING		SIZE COLL.	
MAKE	HR 11-5	WTR. LOSS-C.C.		REPAIRS	Run 8 5/8 2 3/4	JTS. D. P.	FT.
SERIAL NO.	R.R.	FILTER CAKE		TRIP		KELLY DOWN	FT.
DEPTH IN		PH.		MTL. ADDED (REMARKS)	W.O.C. 4 1/4	COLLARS	FT.
HOURS RUN	2 1/2					TOTAL	FT.

REMARKS: 11:00-12:00 DNL 6/12:00-2:45 circ: hole-Jet collar-out of bit-Run 8 5/8 & cement/2:45-7:00 W.O.C

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
274	830	shale	110	20-	750	James M. Rome	8
						Jim A. Chambers	8
						Clinton Wiley	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
	DEG. OFF					Paul J. Flax	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	4 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.	Water	CORING		SIZE COLL.	
MAKE	535	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	536281	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	274	PH.		TRIP		COLLARS	FT.
HOURS RUN	4 1/4	MTL. ADDED (REMARKS)			W.O.C. 3 3/4	TOTAL	FT.

REMARKS: 7:00/10:45 W.O.C. 10:45/3:00 DNL 9 11:00/2:00 Break & Redope shopped tool Jts

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
330	1787	Siltstone - Sand.	110	20	250	Dane Rogers	8
						Gary Brady	8
						Thom Thompson	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
	DEG. OFF					Jerry Bhargava	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	7 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	Water	CORING		SIZE COLL.	
MAKE	535	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	FT.
SERIAL NO.	536281	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	274	PH.		TRIP		COLLARS	FT.
HOURS RUN	11 3/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 300. 1100 DNL w/ 1 1/2" Bigson valve #1

DAILY DRILLING REPORT

43
 COMPANY: *David Oil Co. Inc.*
 DISTRICT: _____ COUNTY: *Graham* STATE: *Ks.*
 CONTRACTOR: *Abercrombie R.T.D. INC.* DATE: *6-29-91*
 LEASE: *Larrison-etal* WELL NO.: *1* RIG NO.: *4*
 D. P. STRING NO.: _____ SIZE: _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
<i>3773</i>	<i>3810</i>	<i>Lime</i>	<i>70</i>	<i>35000</i>	<i>900</i>	DM	<i>Richard Hendrix</i>	<i>8</i>
<i>3810</i>	<i>R.T.D</i>					EM	<i>Eric Riedell</i>	<i>8</i>
<i>L.T.D</i>	<i>3810</i>					H	<i>Tony Rogers</i>	<i>8</i>
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
DEG. OFF								

DRLR *Timbeiker* *8*

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	<i>3773</i>		WEIGHT	<i>9.1</i>		DRILLING	<i>1 1/4</i>		SIZE D. P.		
SIZE	<i>7 7/8</i>		VISC.	<i>48</i>		CORING			SIZE COLL.		
MAKE	<i>S-84 A.H.</i>		WTR. LOSS-C.C.			OTHER	<i>1 1/4</i>		JTS. D. P.		FT.
SERIAL NO.	<i>541834</i>		FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN	<i>3475</i>		PH.			TRIP			COLLARS		FT.
HOURS RUN	<i>18 3/4</i>		MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: *11:00-11:15 DRUG/11:15-11:30 Rig/11:30-12:45 DRUG/12:45-1:45 C.F. @ 3810/1:45-3:15 put w/bit & log/3:15-5:00 Logging/5:00-5:30 w.o.d/5:30-7:00 Lay pipe down & plug*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
Hole plugged @ 11:30 AM						DM	<i>James M. Rome</i>	<i>8</i>
Herb Dienes state plugger						EM	<i>Jim A. Chambers</i>	<i>8</i>
Tear down						H	<i>Clinton Witey</i>	<i>8</i>
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
DEG. OFF								

DRLR *Paul J. Flak* *8*

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN 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: *7:00/11:30 Lay down D.P. 1st plug @ 2040' w/25sts 2nd @ 1215' w/100sts 3rd @ 325' w/40sts @ 40" w/wiper plug 10sts-15sts Rat hole - All cement is 60/40 002 6% Gel 1/4" Flo-sol - above*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
						DM	<i>Dane Rogers</i>	<i>8</i>
						EM	<i>Gary Brady</i>	<i>8</i>
						H	<i>John Thompson</i>	<i>8</i>
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
DEG. OFF								

DRLR *Jarvis Braungardt* *8*

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN 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: *Tear Down Rig work*