

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # ..5352.....  
Name ..Baird Oil Co., Inc.....  
Address ..Box 428.....  
City/State/Zip ..Logan, Ks. 67646.....

Purchaser.....  
CRA, Inc.

Operator Contact Person Jim R. Baird  
Phone ..(913) 689-7456.....

Contractor: License # ..  
Name ..Rains & Williamson.....

Wellsite Geologist..Leland R. Baird.....  
Phone.....689-7456.....

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 ..  
Well Name ..  
Comp. Date ..Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

10-22-75 .. 11-1-75 .. 5-11-76 ..  
Spud Date .. Date Reached TD .. Completion Date ..

3594 ..  
Total Depth .. PBTD ..

Amount of Surface Pipe Set and Cemented at ..214.. feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated no  
from.....feet depth to.....w/.....SX cmt

API NO. 15-.....137-20.105.-00-00.....

County.....Norton.....

E/2 E/2 SW .. Sec. 24 Twp. 5 Rge. 21 ..  East  West

1320 .. Ft North from Southeast Corner of Section  
430 .. Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

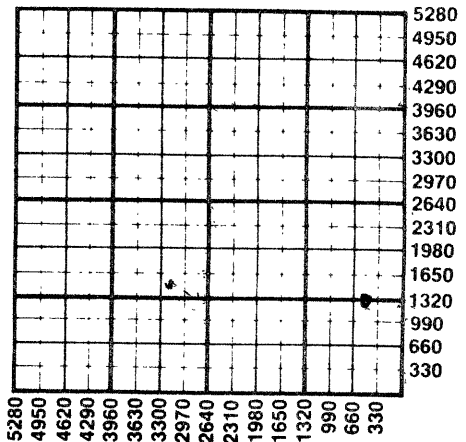
Lease Name.....George Kemper.....Well #.....1.....

Field Name.....Ray NW Pool.....

Producing Formation.....Arbuckle.....

Elevation: Ground.....2162.....KB.....2167.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # ..16.967.....

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) ..Ft West from Southeast Corner of  
Sec Twp Rge  East  West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 ..Jim R. Baird.....  
Title.....Executive Vice-President.....Date ..2/4/87.....

Subscribed and sworn to before me this 4th day of February 1987.  
Notary Public.....

Date Commission Expires.....2-9-90.....

MARILEYN J. ALLEN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT EXPIRES 2-9-90

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  
STATE CORPORATION COMMISSION (Specify)  
FEB 9 1987

CONSERVATION DIVISION  
Form ACO-1 (7-84)  
Wichita, Kansas

2-9-87

Sec. 24 Twp. 5 Rge. 21W

**SIDE TWO**

Operator Name Baird Oil Co., Inc. Lease Name George Kemper Well # 1

Sec. 24 Twp. 5 Rge. 21  East  West County Norton

**WELL LOG**

**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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

**Formation Description**  
 Log  Sample

Name	Top	Bottom
Anhydrite	1743	+424
B/ANHY	1777	+390
Topeka	3131	-964
Tor	3334	-1167
LKC	3351	-1184
BKC	3536	-1369
ARB	3585	-1418
RTD	3594	-1427

(DST#1) 3257-3283/30-30-30-30 150'M, 120'WM, 180'MW, SIP 1184-1184#, FF 94-263#  
 (DST #2) 3314-3342/45-30-45-30, 90'M (SOC) SIP 1121-1063#, FF 29-66#, BHT 106°  
 (DST #3) 3342-57/45-30-45-30, 90'CGO, 04' MO, 30' VHOCM, SIP 862-846#, FF 22-73#, BHT 106°  
 (DST #4) 3370-3385/45-30-45-30, 80'M (VSOC) 60'WM, 120'MW, SIP 947-874#, FF 27-140#, BHT 108°  
 (DST #5) 3391-3425/45-30-45-30, 140' OCM, 180' VSOCM, 120'WM (VSOC) 180'MW, SIP 1121-1121#, PF 110-332#, BHT 109°  
 (DST #6) 3450-3505/60-60, 30'OCM, +GSFO, SIP 830#, FP 51#, BHT 110°  
 (DST #7) 3505-3525/45-30-45-30, 900'W, SIP 932-874#, FP 35=455#, BHT 111°  
 (DST #8) 3568=3587/60-60, 30'HOCM, GSF0, SIP 88#, FP 36#, BHT 111°  
 MICT=DD 3595 AC 500, Rec.1 BFPH, .23 BO A1500  
 Rec. LD SWB 12 1/2 BFPH, 7% Oil, 7 hrs. BP @ 3 PF

(LKC) 3351-3355, Ac 500 Gal 28% + 2000 NFA + 3000CRA RET, SWB LD & SWB 6 BOPH, LAST HR. OF 14 HRS, SWB TEST POP

<p align="center"><b>CASING RECORD</b> <input type="checkbox"/> New <input type="checkbox"/> Used</p> <p align="center">Report all strings set-conductor, surface, intermediate, production, etc.</p>							
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 7/8"		214		150	
Production		4 1/2"		3587		235	
<p align="center"><b>PERFORATION RECORD</b></p>				<p align="center"><b>Acid, Fracture, Shot, Cement Squeeze Record</b>                  (Amount and Kind of Material Used)   Depth</p>			
Shots Per Foot	Specify Footage of Each Interval Perforated						
				1 bbl. 15% N.E.		OA	
				500 g. 15% N.E.		OA	
				1500 g. CRA 15% 100 g. overflsh		OA	
1	3352 1/2; 3353			500 g. 28% NE; 2,000 g. 15% NE		3353	
4	3351-3355			1000 g. overflsh		3355	
<p align="center"><b>TUBING RECORD</b></p>				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
6-7-76		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	3 Bbls		12 MCF				

**METHOD OF COMPLETION** Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....