

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 # 9140  
name BROWER OIL & GAS CO. INC  
address 6846 S. CANTON SUITE 175  
City/State/Zip TULSA, OK 74136

Operator Contact Person Joe D. Brower  
Phone 918 227-2227

Contractor: license # 9180  
name WILDCAT DRILLING

Wellsite Geologist John R. Brower  
Phone 918-472-0833

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  
July 5-84 July 11-84 Aug. 20-84  
Spud Date Date Reached TD Completion Date  
3940' 3903  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 210' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 975' feet

If alternate 2 completion, cement circulated from 975' feet depth to Surface w/ 360 SX cmt

API NO. ....  
County TREGO  
NE SE SE (location) Sec 24 Twp 11S Rge 21W  East  West

990 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

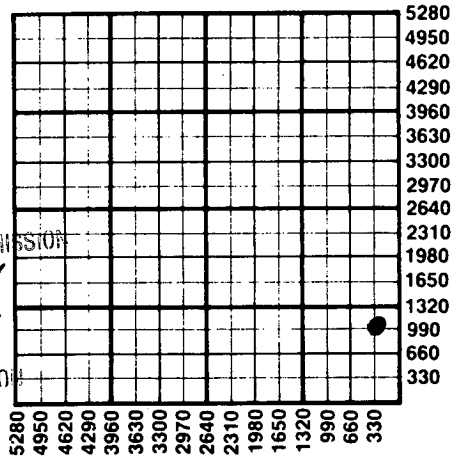
Lease Name HAM Well# 124

Field Name Nicholson Pool

Producing Formation Arbuckle, Marmington, Lansing

Elevation: Ground 2290 KB 2299

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
10-15-1984  
OCT 15 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # .....  
 Groundwater ..... Ft North From Southeast Corner and  
(Well) ..... Ft. West From Southeast Corner of  
Sec Twp Rge  East  West  
 Surface Water ..... Ft North From Southeast Corner and  
(Stream, Pond etc.) ..... Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain) .....  
(purchased from city, R.W.D.#)

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

**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. Rules 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 John R. Brower  
Title Vice-President Date 10/10/84

Subscribed and sworn to before me this 10 day of October 19 84

Notary Public Kimberly Ann Carrison  
Date Commission Expires Feb. 9, 1988

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)

Sec. 24 Twp. 11S Rge. 21W

Operator Name BROWER OIL & GAS CO. INC. Lease Name HALL Well# 1-29 SEC 24 TWP. 11S RGE. 21W  East  West

**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
<del>OPEN</del>	<del>3655</del>	<del>3903</del>
SAND & SHALE	0 - 211	
SHALE	211 - 1750	
SAND & SHALE	1250 - 2045	
SHALE	2045 - 2410	
Lime & shale	2410 - 3410	
LIME	3410 - 3535	
Lime & SHALE	3535 - 3940	

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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 PRODUCTION	12 1/4	8 5/8	2.0	2108	60/40 Poz	150	5% Calcium
	7 7/8	4 1/2	9.5	387.8	Halliburton EM-2	175	18% SALT
	7 7/8	4 1/2	9.5	975 - SURFACE	50/50/6	360	3% CACTE

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
SCATTERED	388.8 - 3890.5 (ALSO OPEN HOLE)	4.25 D. gal. 15% NE ACID	3703
2 Holes	387.5 - 388.3 (ACIDIZED 24 TOGETHER)	1750 gal. 15% HCL, 12,600 SAND, 11,000 3/4" #10	3890.5
2	3780 - 81		3883
1	3742	1500 gal. 15% NE ACID	3780-81
1	3716		3742
1	3666		3716
1	3655		3666

TUBING RECORD		Liner Run	
size	set at	packer at	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2 3/8	3825'	NO	

Date of First Production	Producing method				
8-20-84	<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
	15 Bbls	MCF	25 Bbls	CFPB	29.6

Disposition of gas:  vented  open hole  perforation  sold  used on lease  other (specify) \_\_\_\_\_

METHOD OF COMPLETION:  Dually Completed.  Commingled

PRODUCTION INTERVAL: 3655 - 3903