

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5398 EXPIRATION DATE 6-30-85

OPERATOR APOO Oil and Gas Company, A Division of Atlantic Richfield Co. API NO. 189 20,750

ADDRESS P. O. Box 521, Tulsa, Oklahoma 74102 COUNTY Stevens

FIELD Larabee

** CONTACT PERSON S. R. Keasler PROD. FORMATION Chester

PHONE (405) 233 4862

PURCHASER Permian Corporation LEASE Roles

ADDRESS P. O. Box 1183 WELL NO. 4

Houston, Texas 77001 WELL LOCATION C NW NE

DRILLING Johnson Drilling Company 660 Ft. from North Line and

CONTRACTOR 3535 NW 58th St., Suite 710 1980 Ft. from East Line of

ADDRESS Oklahoma City, Oklahoma 73112 the NE (Qtr.) SEC 25 TWP 32S RGE 35W.

PLUGGING CONTRACTOR ADDRESS

TOTAL DEPTH 6450' PBTD 6396'

SPUD DATE 8-14-84 DATE COMPLETED 9-28-84

ELEV: GR 2971' DF KB

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE***BELOW

Amount of surface pipe set and cemented 1821' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

WELL PLAT

(Office Use Only)

KCC KGS

SWD/REP PLG.

A F F I D A V I T

Carl W. Brown, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Carl W. Brown

OPERATOR

ARCO Oil and Gas Company
A Division of Atlantic Richfield Company

LEASE Boles #4

SEC. 25 TWP. 32S RGE. 35W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface soil & sand	0	400		
Sand & Red bed	400	1433	Chase	2620
Red bed	1433	1749	Council Grove	2946
Red bed & Anhydrite	1749	1824	Lansing K.C.	4298
Shale	1824	2584	Morrow	5602
Lime & shale	2584	6450	Basal Chester sd	6092
			St. Louis	6302
No cores or DST's taken				

Logs run:
CNLC-ML-CN-GR
Diplog
Prolog
DIFL/GR
ACOUS

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Breakdown w/96 bbls diesel w/Hvflo	6094-6101'
Frac w/20,000 gals gelled diesel & 32,000# 20-40 sand.	6094-6101'
Date of first production 9-26-84	Producing method (flowing, pumping, gas lift, etc.) Pumping
Gravity 36.2	
RATE OF PRODUCTION PER 24 HOURS OH 128 bbls	Gas TSTM MCF 33.6% 43 bbls
Water 33.6%	Gas-oil ratio - CFPB
Disposition of gas (vented, used on lease or sold) Vented	Perforations 6094 - 6101'

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface casing	12-1/4"	8-5/8"	24#	1821'	HOWCO LW Class H	700 200	2% cc & 1/4#/sk flocl 2% cc & 1/4#/sk flocl 2% gel + 15% salt +
Production Csg	7-7/8"	5-1/2"	15.5	6439	50-50 Pozmix	410	3/4% TF-4 + .2% AF-HD + 1/2#/sx celloseal

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			2	.38"	6094 - 6101'

TUBING RECORD

Size	Setting depth	Packers set at
2-7/8"	6157'	-

JOHNSON *Drilling Company, Inc.*



OFFICES IN
EVANSVILLE, INDIANA
TEL (812) 424-8291
OKLAHOMA CITY, OKLAHOMA
TEL (405) 943-7667
LIBERAL, KANSAS
TEL (316) 624-7731

REPLY TO:

3535 N. W. 58th - Suite 710
Oklahoma City, Oklahoma 73112

September 12, 1984

ARCO Oil and Gas Company
P. O. Box 3708
Enid, Oklahoma 73701

Attn: Mr. Sam R. Keasler

DRILLERS LOG for:

Boles # 4
Sec. 25-32S-35W
Stevens County, Kansas

0' - 400'
400' - 1167'
1167' - 1320'
1320' - 1734'
1734' - 1749'
1749' - 2584'
2584' - 6450'

Surface, Clay, & Sand
Redbed, Sand, & Shale
Glorieta Sand
Shale
Anhydrite
Shale
Lime & Shale

JOHNSON DRILLING COMPANY, INC.

Signed by: *Claude D. Moore*
Claude D. Moore, Manager

STATE OF OKLAHOMA:

COUNTY OF OKLAHOMA:

Subscribed and sworn to before me this 12th day of September, 1984.

Lashana J. Cole Notary Public

My Commission Expires: *October 24, 1984.*