

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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.

X 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 ARCO Oil and Gas Company, A Division of Atlantic Richfield Co. API NO. 189 20,750-0000

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 Boles

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

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

PLUGGING CONTRACTOR ADDRESS

WELL PLAT

(Office Use Only)

Well plat grid with a central well symbol.

KCC [checked] KGS [checked] SWD/REP PLG.

TOTAL DEPTH 6450' PBD 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 ***BFLOW

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. STATE CORPORATION COMMISSION

OCT 02 1984

A F F I D A V I T

CONSERVATION DIVISION Wichita, Kansas

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.

Signature of Carl W. Brown (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 28th day of September

19 84.

Signature of Notary Public (NOTARY PUBLIC)

MY COMMISSION EXPIRES: July 22, 1986

** The person who can be reached by phone regarding any questions concerning this information.

*** Trucked by Dillco Fluid Service, Hugoton, Kans 67951 (Permit #6652) to their Regeir SWDW #1 Sec 17-33S-27W, Mead County, Kansas

SIDE TWO

ACO-1 WELL HISTORY

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; cored 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				
<p>Logs run:</p> <p>CNLC-ML-CN-GR Diplog Prolog DIFL/GR ACCOUS</p>				

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	2% cc & 1/4#/sk flocl
Production Csg	7-7/8"	5-1/2"	15.5	6439	50-50 Pozmix	200	2% cc & 1/4#/sk flocl
						410	2% gel + 15% salt + 3/4% TF-4 + .2% AF-HD + 1/4#/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	Packer set at
2-7/8"	6157'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Breakdown w/96 bbls diesel w/Hyflo	6094-6101'
Frac w/20,000 gals gelled diesel & 32,000# 20-40 sand.	6094-6101'

Date of first production	Producing method (Flowing, pumping, gas lift, etc.)	Gravity
9-26-84	Pumping	36.2

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	128	TSIM	33.6% 43	-

Disposition of gas (vented, used on lease or sold)	Perforations
Vented	6094 - 6101'

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

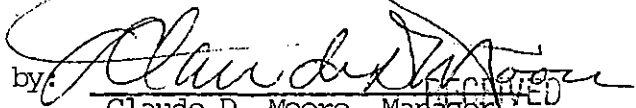
DRILLERS LOG for:

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

0' - 400'	Surface, Clay, & Sand
400' - 1167'	Redbed, Sand, & Shale
1167' - 1320'	Glorieta Sand
1320' - 1734'	Shale
1734' - 1749'	Anhydrite
1749' - 2584'	Shale
2584' - 6450'	Lime & Shale

JOHNSON DRILLING COMPANY, INC.

Signed by:


Claude D. Moore, Manager
STATE CORPORATION COMMISSION

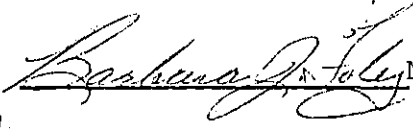
STATE OF OKLAHOMA:

COUNTY OF OKLAHOMA:

OCT 02 1984

CONSERVATION DIVISION
Wichita, Kansas

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


Notary Public

My Commission Expires:

October 24, 1984.