

CONFIDENTIAL

5/13/82 13-10-TSW
ACO-1 WELL HISTORY

TYPE

AFFIDAVIT OF COMPLETION FORM

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.

X 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 # n/a EXPIRATION DATE
OPERATOR Frontier Oil Company API NO. 1-163-21,641
ADDRESS 1720 KSB Bldg. COUNTY Rooks
Wichita, KS 67202 FIELD Plainville
** CONTACT PERSON Terry W. Piesker PROD. FORMATION Lansing
PHONE (913)-483-5348
PURCHASER KOCH Oil Company LEASE Jaco
ADDRESS P.O. Box 2256 WELL NO. 2
Wichita, KS 67201 WELL LOCATION SW/4 NW/4 NE/4
990 Ft. from North Line and
330 Ft. from West Line of
the NE (Qtr.) SEC 13 TWP 10S RGE 18W.

PLUGGING n/a
CONTRACTOR
ADDRESS

TOTAL DEPTH 3800' PBTD n/a

JD DATE 4/6/82 DATE COMPLETED 5/13/82

ELEV: GR 2161 DF 2164' KB 2166

DRILLED WITH ~~CABLE~~ (ROTARY) (AIR) TOOLS.

CKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 279.41' DV Tool Used? yes

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.

A F F I D A V I T

George A. Angle, 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.

WELL PLAT (Office Use Only)

RELEASED
Date: JUN 1 1984
FROM CONFIDENTIAL

KCC
KGS
SWD/REP
PLG.

George A. Angle

SIDE TWO

CONFIDENTIAL

ACO-1 WELL HISTORY

OPERATOR

Frontier Oil Company

LEASE

#2 Jaco

SEC.

13

TWP.

10S

RGE.

18W

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 & Shale	0	289	Anhydrite(top)	1490 (+ 677)
Shale	289	825	(base)	1526 (+ 641)
Shale & Sand	825	985	Brownville	2825 (- 658)
Sand	985	1195	Tarkio	2924 (- 757)
Red Bed	1195	1490	Howard	3094 (- 927)
Anhydrite	1490	1526	Topeka	3122 (- 955)
Shale & Sand	1526	1873	Heebner	3343 (- 1176)
Shale	1873	2050	Toronto	3362 (- 1195)
Shale & Lime Streaks	2050	2255	Lansing-KC	3386 (- 1219)
Shale	2255	2478	Base of KC	3648 (- 1401)
Shale & Lime	2478	3072	Conglomerate	3655 (- 1408)
Lime & Shale	3072	3272	Cherty Congl.	3662 (- 1495)
Lime	3272	3800	Simpson Dolo.	3723 (- 1556)
RTD		3800	Arbuckle	3745 (- 1578)
			RTD	3800 (- 1583)

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

500 Gal., 15% Reg. Acid

3540'-46'

500 Gal., 15% Reg. Acid

3515'-19'

Date of first production

5/13/82

Producing method (flowing, pumping, gas lift, etc.)

Pumping

Gravity 35

RATE OF PRODUCTION
PER 24 HOURS

OR

20

Gas
bbbls.

0

MCF

Water

%

0

Gas-oil ratio
bbbls.

0

CFPS

Disposition of gas (vented, used on lease or sold)

n/a

Perforations

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	12 1/4"	8-5/8"	18#	286.76'	Common	180 sx	2% Gel., 3% C.C.
Production	7-7/8"	4 1/2"	10.5#	3777'	Common	200 sx	10% Salt on Bottom &
DV Tool	7 7/8"	4 1/2"	--	1492	50-50 Poz	500 sx	2% Gel

LINER RECORD**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP's	3540'-46'
			4	DP's	3515'-19'

TUBING RECORD

Size	Setting depth	Packer set at
3 1/2"	3719'	