

midco

TYPE

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 # 5254 EXPIRATION DATE 6/85

OPERATOR Midco Exploration, Inc. API NO. 15-101-20,916-0000

ADDRESS 411 Farmers & Bankers Bldg. COUNTY Lane

Wichita, KS 67202 FIELD Unnamed DTCKEY SW

** CONTACT PERSON Harvey Gough PHONE 316-267-3613 PROD. FORMATION Cherokee Johnson Zone

PURCHASER Koch Oil Co. LEASE DIRREEN

ADDRESS P.O. Box 2256 WELL NO. 'A' #1

Wichita, Ks. 67201 WELL LOCATION NE NE SE

DRILLING Abercrombie Drilling, Inc. 330 Ft. from East Line and

CONTRACTOR 801 Union Center 2310 Ft. from South Line of

ADDRESS Wichita, KS 67202 the SE (Qtr.) SEC26 TWP16S RGE 30W.

PLUGGING N/A WELL PLAT

CONTRACTOR ADDRESS

TOTAL DEPTH 4600' PRTD 4550

SPUD DATE 1/10/84 DATE COMPLETED 3-9-84

ELEV: GR 2843 DF 2845 KB 2858 KB

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

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

Amount of surface pipe set and cemented 337.80' 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.

		26	

(Office Use Only) KCC [checked] KGS [checked] SWD/REP PLG.

A F F I D A V I T

Harvey Gough, 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 Harvey Gough (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 20th. day of March, 19 84.

Signature of Barbara L. Zurofski (NOTARY PUBLIC)

MY COMMISSION EXPIRES: January 20, 1986

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

RECEIVED STATE CORPORATION COMMISSION MAR 21 1984 3.21-84 CONSERVATION DIVISION Wichita, Kansas

SIDE TWO

OPERATOR Midco Exploration, Inc.

LEASE DIRRENN 'A'

ACO-1 WELL HISTORY
SEC. 26 TWP. 16S RGE. 30W

WELL NO. 1

FILL IN WELL INFORMATION 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
	0	2146	<u>E-LOG</u>	
Sand & Clay	2146	2363	Topeka	3631-773
Anhydrite	2363	3389	Heebner	3911-1053
Shale	3389	3640	Toronto	3930-1072
Lime & Shale	3640	3844	Lansing	3948-1090
Shale	3844	4008	Stark	4208-1350
Lime & Shale	4008	4600	Marmaton	4318-1460
Lime	4600		Pawnee	4405-1547
Rotary Total Depth			Ft. Scott	4458-1600
			Cherokee	4483-1625
			J Zone	4525-1667
			Cherokee Sd	4541-1683
			Mississippi	4554-1696
			Miss. Dolo	4558-1700
			LTD	4570-1712
			RTD	4600-1742

DST #1 3970-4008, 30-45-30-30. Weak blow on 1st. opening. No blow 2nd. opening. Rec 20' mud w/few oil spots. IFP 60-60#, IBHP 916#, FFP 70-70#, FBHP 519#.

DST #2 4297-4409 30-45-60-60. Weak blow. Rec 210' mdy wtr. IFP 30-60#, IBHP 1015#, FFP 70-120# FBHP 906#.

DST #3 4404-4510, 30-45-60-60. Weak blow. Rec 60' clean oil 30°, 90' OCM (20% oil) (80% mud). IFP 50-60#, IBHP 1164#, FFP 70-80#, FBHP 1144#. Temp 126°.

DST #4 4520-4543, 30-45-60-60. Strong blow 100' GIP, 540' clean gassy oil, 90' HOCM, (15% oil, 85% mud). IFP 60-140#, IBHP 1193#, FFP 150-280# FBHP 1164#. Temp 127°.

DST #5 4544-4574, 30-45-60-60. Strong blow Rec 430' frothy oily mud, 2160' clean gassy oil, 30°. IFP 170-688#, IBHP 1252#, FFP 708-1055#, FBHP 1252#. Temp. 126°.

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	Socks	Type and percent additives
Surface	12 1/2"	8 5/8"	20#	350'	Common	200	2% gel, 3% c.c.
Production	7 7/8"	4 1/2"	10 1/2#	4599'	60-40 pozmix	175	4% Gils. 2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth Interval
			2		4559-4563
			2		4526-4535

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	4534	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth Interval treated
SEE ATTACHED SHEET FOR COMPLETION DATA	

Date of first production Approx. 3-25-84	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 35°
Estimated Production -I.P. Oil 80	Gas None	Water %
Disposition of gas (vented, used on lease or sold)	Perforations	Gas-oil ratio

MIDCO Exploration, Inc.
411 Farmers & Bankers Bldg.
200 East First
Wichita, Kansas 67202
(316) 267-3613

15-101-20916-0000

Completion - #1 'A' DIRREEN

Perf. from 4559-4563 two shots per foot (water). Squeezed thru perforations w/150 sacks 60-40 poz, took all cement on vacuum, cemented with additional 180 sacks cement. Reperforated from 4559-63 two shots per foot. Acidize with 500 gals mud acid and 500 gals HCL (water). Squeeze with 40 bbls of gel and 250 sacks common cement, took all gel and cement, squeeze with additional 250 sacks common. Reperforate from 4559-63 acidize with 250 gals mud acid. Swab oil and water. Squeezed with 30 sacks 60-40 poz. Reperforated from 4559-63, treated with 300 gals mud acid. Swab all water, trace of oil. Set bridge plug @ 4550 feet. Perforated from 4526 to 4535, two shots per foot. Treated with 500 gals mud acid. Swab 14 bbls of oil per hour. Run tubing and rods.

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MAR 21 1984

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Wichita, Kansas