

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

CONFIDENTIAL

State Geological Survey

WICHITA BRANCH

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 # 5313 EXPIRATION DATE June 30, 1983

OPERATOR F & M OIL CO., INC. API NO. 15-065-21,679

ADDRESS 422 Union Center COUNTY Graham
Wichita, Kansas 67202 FIELD

** CONTACT PERSON R. D. Messinger PROD. FORMATION Lansing/Kansas City
PHONE 316-26-2636

PURCHASER Koch Oil Company LEASE Ruder "C"

ADDRESS Box 2256 WELL NO. 1
Wichita, Kansas 67201 WELL LOCATION SW NE SW

DRILLING Union Drilling Co., Inc. 1650 Ft. from South Line and
CONTRACTOR 422 Union Center 1650 Ft. from West Line of
ADDRESS Wichita, Kansas 67202 the SW (Qtr.) SEC 36 TWP 10S RGE 24W.

PLUGGING WELL PLAT (Office Use Only)

CONTRACTOR KCC
ADDRESS KGS ✓
SWD/REP
PLG

TOTAL DEPTH 4250' PBTD 3895'

SPUD DATE 7-26-82 DATE COMPLETED 10-16-82

ELEV: GR 2314' DF 2322' KB 2324'

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 250' w/175 DV Tool Used? None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
250 gals 15% MCA		3901-3905'	
5000 gals 15% Non-E		3835-3855-3876'	
Date of first production October 16, 1982		Producing method (flowing, pumping, gas lift, etc.) Pumping	
Rate of production PER 24 HOURS Oil 26.72 bbls.		Gravity 34.3°	
Disposition of gas (vented, used on lease or sold)		Gas off ratio Water 80 % MCF bbls. CFPB	
Perforations		(Name)	

79285BACK

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR F & M OIL CO., INC. LEASE Ruder "C" #1 SEC.36 TWP.10S RGE. 24W

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
DST#1 3667-3730', 30-45-30-45, stg blow off botm of bucket in 2" on both opens, rec approx. 930' SGWO, grind out-6% mud, 9% wtr, 83% oil, 3% gas, rec 300' MWO, grind out- 30% mud, 35% wtr, 30% oil, 5% gas, rec 435' wtr, IFP 128-412#, ISIP 1257#, FFP 549-715#, FSIP 1229#.			Sample Tops:	
			Anhydrite	1930(+ 394)
			B/Anhydrite	1976(+ 348)
			Heebner	3642(-1318)
			Toronto	3663(-1339)
			Lansing	3675(-1351)
			B/KC	3913(-1589)
			Marmaton	3960(-1636)
			Mississippi	4208(- 1)
			RTD	4250(-1226)
DST#2 3743-3770', 30-45-60-45, gd blow off btm of bucket in 28" on 1st open, gd blow off btm of bucket in 50" on 2nd open, rec 300' wtr w/approx 5' oil on top of fluid, IFP 73-91#, ISIP 990#, FFP 119-173#, FSIP 973#.			Electric Log Tops:	
			Anhydrite	1932(+ 392)
			B/Anhydrite	1973(+ 351)
			Topeka	3419(-1355)
			Heebner	3638(-1314)
			Toronto	3660(-1336)
			Lansing	3672(-1348)
			B/KC	3910(-1586)
			Marmaton	3960(-1636)
			Conglomerate	4039(-1715)
			Cherokee Sh	4085(-1761)
			Mississippi	4208(-1884)
			LTD	4249(-1925)
DST#3 3820-3860', 30-45-30-45, stg blow off botm of bucket in 2" on both opens, rec 2175' GIP, 1425' CGO, grav. 30°, reversed out IFP 137-320#, ISIP 1275#, FFP 393-439#, FSIP 1220#.				
DST#4 3860-3910', 30-45-30-45, stg blow off btm of bucket in 1" on 1st open, stg blow off botm of bucket in 3" on 2nd open, rec 2330' GIP, 1400' GO, 120' wtr, grav. 35°, IFP 137-329#, ISIP 1284#, FFP 448-512#, FSIP 1257#.				

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	12½"	8-5/8"	20#	250'	common	175	2% gel, 3% CC
Production		4½"	9.5#	3960'	posmix	100	60/40, 10% salt, 2% gel, .75 of 1% CFR2 followed w/20 bbls slat flush

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4		3901-3905'
Size	Setting depth	Packer set at	1		3835-3855-387
3/4"			2		3875-3880-