

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.

(F) 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.

(C) 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 6-30-83

OPERATOR F & M OIL CO., INC. API NO. 15-145-20,999-0000

ADDRESS 422 Union Center COUNTY Pawnee

Wichita, Kansas 67202 FIELD Wildcat Bow

** CONTACT PERSON E. A. Falkowski PROD. FORMATION

PHONE (316) 262-2636

PURCHASER Negotiating LEASE Barstow "C"

ADDRESS WELL NO. 1

DRILLING Union Drilling Co., Inc. 2310 Ft. from North Line and

CONTRACTOR 422 Union Center 2310 Ft. from East Line of

Wichita, Kansas 67202 the SE (Qtr.) SEC29 TWP22S RGE 15WW.

PLUGGING CONTRACTOR ADDRESS WELL PLAT (Office Use Only)

ADDRESS KCC [checked] KGS [checked]

TOTAL DEPTH 4013' PBTB 3400' SWD/REP

SPUD DATE 12-4-82 DATE COMPLETED 2-18-83 PLG.

ELEV: GR 2004' DF 2011' KB 2014'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE None

Amount of surface pipe set and cemented 655' w/350 DV Tool Used? None

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

E. A. Falkowski, 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 E. A. Falkowski] (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 14th day of April

19.83. SHIRLEY A. GALLEGOS, NOTARY PUBLIC, EXPIRES: 12-24-84

[Signature of Shirley A. Gallegos] (NOTARY PUBLIC) Shirley A. Gallegos

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

RECEIVED STATE CORPORATION COMMISSION

4-19-83 APR 19 1983

SIDE TWO

OPERATOR F & M OIL CO., INC. LEASE Barstow "C" #1 SEC. 29 TWP. 22S RGE. 15W

ACO-1 WELL HISTORY

FILL IN WELL INFORMATION AS REQUIRED: WELL NO.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH	
<p>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.</p>					
<p>Check if no Drill Stem Tests Run.</p>					
<p><u>DST#1 2852-2885'</u>, 30-45-60-45, stg blow, GTS in 85", gauged 146 MCF dwn to 136 MCF, rec. 255' gsy mud & 180' muddy gsy wtr, IFP 95-159#, ISIP 811#, FFP 180-234#, FSIP 800#.</p> <p><u>DST#2 2970-3010'</u>, 30-45-60-45, gd to stg blow, rec 60' mud, IFP 127-63#, ISIP 564#, FFP 63-63#, FSIP 542#.</p> <p><u>DST#3 3638-3695'</u>, 30-45-60-90, gd blow off BOB in 18" on 1st opn, gd blow off BOB in 34" on 2nd opn, rec 270' muddy wtr, IHP 1447#, IFP 85-117#, ISIP 1151#, FFP 112-170#, FSIP 1151#, FHP 1426#, BHT 102'.</p> <p><u>DST#4 3718-3737'</u>, 30-45-45-60, gd blow off BOB in 8" on 1st opn, gd blow off BOB in 14" on 2nd opn, rec 410' MW, IHP 2025#, IFP 63-95#, ISIP 1130#, FFP 127-202#, FSIP 1120#, FHP 2014#, BHT 110'.</p> <p><u>DST#5 3893-3910'</u>, 30-45-45-60, 1st opn surging blow 3" into the water, 2nd opn gd blow off BOB in 5", rec 50' mud, IHP 2088#, IFP 85-628#, ISIP 811#, FFP 319-408#, FSIP 542#, FHP 2077#, BHT 101'.</p>			<p><u>Sample Tops:</u></p> <p>Herington 1975(+ 39)</p> <p>Winfield 2026(- 12)</p> <p>Towanda 2090(- 76)</p> <p>Council Grove 2303(- 289)</p> <p>Cottonwood 2430(- 416)</p> <p>Neva 2482(- 468)</p> <p>Wabaunsee 2720(- 706)</p> <p>Tarkio 2848(- 834)</p> <p>Elmont 2913(- 899)</p> <p>Howard 2985(- 971)</p> <p>Topeka 3058(-1044)</p> <p>Toronto 3450(-1436)</p> <p>Douglas 3466(-1452)</p> <p>Br/Lime 3546(-1532)</p> <p>Lansing 3555(-1542)</p> <p>B/KC 3796(-1782)</p> <p>Simpson Sd 3965(-1951)</p> <p>Arbuckle 4007(-1993)</p> <p>RTD 4013(-1999)</p>		
				<p><u>Electric Log Tops:</u></p> <p>Anhydrite 953(+1061)</p> <p>B/Anhydrite 978(+1036)</p> <p>Tarkio 2843(- 829)</p> <p>Howard 2980(- 966)</p> <p>Topeka 3054(-1040)</p> <p>Heebner 3425(-1411)</p> <p>Toronto 3435(-1421)</p> <p>Br/Lime 3542(-1528)</p> <p>Lansing 3552(-1538)</p> <p>B/KC 3795(-1781)</p> <p>Simpson Sd 3975(-1961)</p> <p>LTD 4015(-2001)</p>	
	<p>RELEASED MAR 09 1982</p>				
	<p>FROM CONFIDENTIAL</p>				
	<p>If additional space is needed use Page 2, Side 2</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	12 1/4"	8-5/8"	23#	655'	Common Posmix	125 225	2% gel, 3% CC 3% QC, 60/40
Production		4 1/2"	9.5#	3582'	Posmix	200	60/40, 10% salt, 2% gel, .75 of 1% CFR2 proceeded w/ 20 bbls salt flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4		3448-3452'
Size	Setting depth	Packer set at	4		2870-2880'
2-3/8"	2857'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1 bbl Cedic Acid on btm followed w/45 bbls salt wtr, 500 gals. MSR acid, 2500 gals 15% Hydrochloric & Acidic acid w/ a surfactor added, 5000 gals 7 1/2% F7 w/15 gals surfactor, flushed w/brime.	3448-3452'
500 gals 15% acid w/a clay control agent added, 5000# 20/40 sd.	2870-2880'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Shut in gas well		

Estimated Production -I.P.	Oil	Gas	Water	%	Gas-oil ratio
	bbls.	bbls.	MCF		CFPB

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

Perforations

CONFIDENTIAL

OPERATOR F & M OIL CO., INC. LEASE NAME Barstow "C" #1 SEC. 29 TWP. 22S RGE. 15W

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
<p><u>DST#6 3967-3981'</u>, 30-30-30-30, 1st opn vry wk blow died in 20", 2nd opn no blow, flushed tool, no help, rec 20' mud, IHP 2130#, IFP 42-21#, ISIP 31#, FFP 31-31#, FSIP 31#, FHP 2119#, BHT 103'.</p>				
<p><u>DST#7 3978-3990'</u>, 30-30-30-30, vry wk blow on 1st opn, no blow on 2nd opn, rec 15' mud, IFP 42-31#, ISIP 74#, FFP 42-31#, FSIP 74#.</p>				
<p><u>DST#8 3977-3995'</u>, Miss-run</p>				
<p><u>DST#9 3944-3995'</u>, 30-60-45-90, wk blow bldg slowly to 2½" on 1st opn, wk blow bldg slowly to 2" on 2nd opn, rec 55' mud, IHP 2193#, IFP 85-106#, ISIP 1246#, FFP 74-74#, FSIP 1141#, FHP 2182#.</p>				
<p><u>DST#10 3992-4000'</u>, 45-45-45-45, 1st opn vry wk blow died in 21", 2nd opn no blow, flushed tool, no help, rec 30' mud, IHP 2235#, IFP 31-21#, ISIP 31#, FFP 21-21#, FSIP none.</p>				
<p><u>DST#11 3993-4013'</u>, 45-45-45-45, blow off BOB in 1½" on both opns, rec 2900' wtr, IHP 2235#, IFP 148-993#, ISIP 1331#, FFP 1130-1299#, FSIP 1331#, FHP 2214#.</p>				
<p><u>DST#12 3420-3560', Straddle test,</u> 45-45-45-45, stg blow, rec 775' gsy mud, FP's 191-510#, SIP's 1405-1362#.</p>				

RELEASED
MAR. 09 1984
FROM CONFIDENTIAL