

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5313
Name F & M OIL CO. INC.
Address 422 Union Center
City/State/Zip Wichita, Ks. 67202

Purchaser Exnort Oil & Gas, Inc.
Omaha, Nebraska 68114

Operator Contact Person Ronald S. Schraeder
Phone (316) 262-2636

Contractor: License # 5103
Name Union Drilling Co., Inc.

Wellsite Geologist Bob Jinkins
Phone (316) 269-2040

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-4-82 12-17-82 2-8-83
Spud Date Date Reached TD Completion Date
4013' 3400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 655 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...w./...SX cmt

API NO. 15-145-20,999-0000
County Pawnee
NW NW SE Sec. 29 Twp. 22S Rge. 15W East West

2310' Ft North from Southeast Corner of Section
2310' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

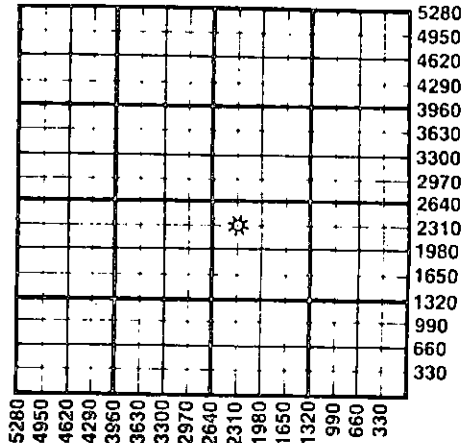
Lease Name Barstow "C" Well # 1

Field Name Bow North

Producing Formation Tarkio

Elevation: Ground 2004' KB 2014'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-19,084 Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # Not required when Drilled

Groundwater...Ft North from Southeast Corner
(Well) ...Ft West from Southeast Corner of
Sec 29 Twp 22S Rge 15W East West

Surface Water...Ft North from Southeast Corner
(Stream, pond etc)...Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

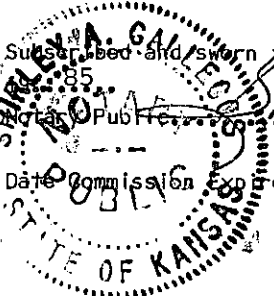
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature X Ronald S. Schraeder
Title Ronald S. Schraeder/Operations Manager Date 7-23-85

Subscribed and sworn to before me this 23rd day of July 1985
Shirley A. Gallegos
Date Commission Expires 12-24-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
Form ACO-1 (7-84)



JUL 24 1985
7-24-85
CONSERVATION DIVISION
Wichita, Kansas

Sec 29 Twp 22S Rge 15W

SIDE TWO

Operator Name F & M OIL CO., INC. Lease Name Barstow "C" Well # 1

Sec. 29 Twp. 22S Rge. 15W East West County Rawnee

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST#1 2852-2885',
 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#.

DST#2 2970-3010',
 30-45-60-45, gd to stg blow, rec 60' mud, IFP 127-63#,
 ISIP 564#, FFP 63-63#, FSIP 542#.

DST#3 3638-3695',
 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'.

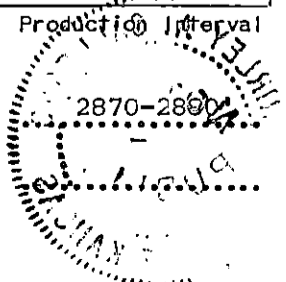
DST#4 3718-3737',
 30-45-45-60, gd blow off BOB in 8" on 1st opn, gd
 blow off BOB in 14" on 2nd opn, rec 410' MW, IHP
 2025#, IFP 63-95#, ISIP 1130#, FFP 127-202#, FSIP
 1120#, BHT 110'.

Name	Top	Bottom
<u>Electric Log Tops:</u>		
Anhydrite	953(+1061)	
B/Anhydrite	978(+1036)	
Tarkio	2843(- 829)	
Howard	2980(- 966)	
Topeka	3054(-1040)	
Heebner	3425(-1411)	
Toronto	3435(-1421)	
Br/Lime	3542(-1528)	
Lansing	3552(-1538)	
B/KC	3795(-1781)	
Simpson Sd	3975(-1961)	
LTD	4015(-2001)	
RTD	4013(-1999)	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8-5/8"	23#	655'	common	125	2% gel, 3% CC
Production	7-7/8"	4 1/2"	9.5#	3582'	Pozmix	225	3% CC, 60/40
					Pozmix	200	60/40, 10% salt, 2% gel, .75 of 1%
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3448-3452'			1. bbl. acetic acid on botm w/		CFR/2	
	.45. bbls. salt wtr. .500. gals. MSR. acid. .2500. gals			15% hydrochloric & acetic w/		w/20	
	a. surfactor. added. .5000. gals. 7% F-7. w/15. gals			surfactor. flushed w/brine..		pbls	
	control added, 5000# 20/40 sand & 271 bbls brine			.500. gals. 15% acid w/a clay.		salt	
						Flush	
						3448-52'	
						2870-80'	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8"	2857'	None			
Date of First Production		Producing Method					
7-10-85		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		-----	325	5 BPD	-----	-----	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., LEASE NAME Barstow "C"
WELL NO. 1

SEC-29 TWP 22S RGE 15W (E)
(W)

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 & 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#5 3893-3910',</u> 30-45-45-60, 1st opn surging blow 3 inches into wtr, 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>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 inches on 1st opn, wk blow bldg slowly to 2 inches 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> 30-45-45-45, 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',</u> straddle test, 45-45-45-45, stg blow, rec 775' gsy mud, FP 191-510#, SIP's 1405-1362#.</p>				

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STATE CORPORATION COMMISSION

FEB 24 1985

CONSERVATION DIVISION
Wichita, Kansas