

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0559805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fairview Mills-Federal

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 14, T-25-S, R-34-E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RE-SUR. ☐ Other

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

Box 1600, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 990' FSL and 1980' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

2/22/74

15. DATE SPUDDED

3/16/74

16. DATE T.D. REACHED

8/30/74

17. DATE COMPL. (Ready to prod.)

12/30/74

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3332' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

20,915

21. PLUG BACK T.D., MD & TVD

13865

22. IF MULTIPLE COMPL., HOW MANY*

--

23. INTERVALS DRILLED BY

0-20915

ROTARY TOOLS

CABLE TOOLS

--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

13797-798-799-800-801-802-803-804-805

WOLF CAMP

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC Sonic W/GR, Dil, Dual induction, BHC sonic, Neutron Density Dipmeter

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well) and SRS

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	340'	26"	700 SXS	None
13 3/8"	61 and 68#	5270'	17 1/2"	5800 SXS	None
10 3/4"	51, 55.5 & 60.7#	13,020'	12 1/4"	2300 SXS	None
7 5/8"	29.7, 33.7	12574	--	300 SXS	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/8	12581	16835	1100		2 7/8	13765	13765
5	16258	20881	250				

31. PERFORATION RECORD (Interval, size and number)

See attached sheet.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

See attached sheet

ILLEGIBLE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/30/74		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/31/74	4	6/64, 10/64 15/64, 20/64	116	Cond 116	486	--	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	PKR	238	238	5700 AOF	--	52.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Gas vented during test

TEST WITNESSED BY

I. B. Ivanhoe
A. L. Sosseman

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Unit Head

DATE

1/3/75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 32, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (trilliers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	12,820	12,830	Fractures? Flare gas; no test	Rustler	886	
Wolfcamp	13,797	13,805	See attached sheet. (1)	Salado	1361	
Morrow	14,795	14,934	See attached sheet. (2)	Castile	3708	
Silurian	17,251	17,609	See attached sheet. (3)	Bell Canyon	5363	
Fusselman	18,353	18,377	See attached sheet. (4)	Cherry Canyon	6404	
Ellenburger	20,235	20,487	See attached sheet. (5)	Bone Spring	9508	
				Dean Sd. Equiv.	11830	
				Wolfcamp	12405	
				Strawn	13914	
				Derry	14105	
				Morrow	14244	
				Chester	16430	
				Miss. Lm.	16724	17,224
				Woodford	17036	18,279
				Silurian	17225	19,019
				Fusselman	18286	19,395
				Montoya	19034	
				Simpson	19412	
				Ellenburger	20202	20,169
				Pre-Cambrian	20827	20,751

Fairview Mills-Federal
NM 0559805
Wildcat Well No. 1
Section 14, T-25-S, R-34-E

31. Perforation Record and 32. Acid, Shot, Fracture, Cement Squeeze, etc.

10/1/74 Perf. 20235-242, 20363, 20370-390, 20404-416- 424-431-471-478 and 20487.
Acidized w/4000 gal. reg 15% acid.
Acidized w/20,000 gal. reg. 20% acid.

10/10/74 Set BP @ 20,200 capped w/35' cmt. Set BP at 18460 capped w/35' cmt.

10/10/74 Perf 5" liner 18346, 356, 358½, 360½ and 367.

10/14/74 Acidized 18346-18357 w/3000 gal. 15% HCL.

10/16/74 Set CIBP @ 18325 w/35' cmt. cap.

10/19/74 Perf. 2 shots 17340, 351, 354, 357, 368, 371, 377, 380, 383.

10/21/74 Acidized w/20,000 gal HCL acid.

10/24/74 Set retainer at 17250 squeeze w/200 sx. Resqueeze w/200 sx.

10/29/74 Drill hard cmt. to 17371.

10/30/74 Perf 5" liner 17609-607-604, 601, 17533-531-526 and 17523, 2 shots each.

10/31/74 Acidized w/6000 gal. 15% HCL.

11/4/74 Set retainer 17361, squeeze perf. 17523 to 17609-unable to get squeeze spotted 150 sx cmt., squeezed perf 17523-17609.

11/5/74 Perf. 5" liner 17309-311-337-341-342, 17354-356-357, 8 shots.

11/7/74 Acidized w/4000 gal. 15% acid.

11/10/74 Squeezed perf. ~~W~~/250 sacks.

11/11/74 Drilled cmt. to 17346.

11/12/74 Perf. 5" liner 17251-260-267-273-17309½-311½-336½-340½-341½.

11/16/74 Set cmt. retainer at 17160, attempted to squeeze perf. ~~W~~/150 sx.
Squeeze cmt. w/250 sx.

11/18/74 Drill cmt. to 17346'.

11/19/74 Perf. 5" liner at 17309, 17273, 17267, 17260, 17251.

11/22/74 Acidized w/500 gal. acid.

11/23/74 Acidized w/5000 gal. reg. 15% acid.

11/26/74 3 sx cmt. from 17223 to 17188. Spotted 200' cmt. plug from 16391 to 16191 w/35 sx.

11/27/74 4 sx cmt. on BP from 14960 to 14940.

12/8/74 Perf. 7 5/8" liner 14798,99,801, 928, 931.

12/10/74 Perf. 7 5/8" liner 14931-928-803-801-14799, 14798. 2 shots each interval.

12/11/74 Acidized perf. 14798-14931 w/4000 gal. acid.

12/13/74 Set C1 BP at 14775 w/17½' of cmt. on top.

12/15/74 Set C1 BP at 13865 w/35' cmt. plug on top.

12/19/74 Perforate 7 5/8 liner 13797-798-799-800-801-802-803-804-805. 9 holes.

12/20/74 Acidized w/2000 gal. acid.

37. SUMMARY OF POROUS ZONES:

Formation	Description, Contents, Etc.
(1) Wolfcamp	Fractured, porous dolomitic limestone. Perf: 13,797'-13,805'-A/2000 g CAOF 5.7 MMCFGPD + 238 B/condensate/MMCF
(2) Morrow	Low porosity sands 14,795'-14,807' and 14,928'-14,934' Selectively perf. 14,798'-14,931' - A/6 gals. unable to break down perfs. Reperf. w/4" Omega Csg. Gun. Perf. 7-5/8" csg. 14,798-799-801-803-928 & 14,931 (2 shots each - 12 shots) A/pfs. w/4,000 gals. Rec. load wtr. and slight amt. gas - TSTM. Final 2 hr. SI pressure 400#. Opened well to pit - Bled to 0# - No fluid rec., small amount gas.
(3) Silurian	Dolomite w/fracture, vug and intercrystalline porosity. (1) Perf: 17,340'-17,383' w/18 shots. A/4500 gals. Init. 12 hr. test - Rec. est. 129 BW in excess of load and flowed gas at max. rate of 11 MMCFGPD on 7/16" choke. Re A/20,000 gal., Rec. load and acid wtr. w/sli show of gas. (2) Perf. 17,523-17,609' w/16 shots. A/6000 gals. Rec. 482 BW in excess of load w/shows of gas T.S.T.M. (3) Perf. 17,309-17,357' w/8 shots. Rec. load wtr. & flow of gas at rate of .68 MMCF to 1.1 MMCFGPD A/4000 gals - 13 hr test flowed gas at rate of approx. 1.0 MMCFGPD & 20 BW/hr. (4) Perf. 17,251-17,341 w/9 shots. Rec. load wtr. w/sli show gas. Reperf: 17,251-17,341. Rec. 475 BW w/sli show of gas.
(4) Fusselman	Perf: 18,353-18,377' w/5 shots. Rec. approx 282 bbls form wtr. w/sli show of gas T.S.T.M.
(5) Ellenburger	Perf: 20,235-20,487' w/12 shots. A/4000 gals. Jetted w/Nitrogen Rec. load and spent acid wtr. w/sli show gas. A/20000 gals. Rec. acid and load wtr. w/sli show gas.

RESERVOIR PRESSURE REPORT

TYPE OF REPORT - (X)
Initial Completion
Special
General Survey

Operator Exxon Corporation		Pool Wildcat		County Lea		Date 1/3/75												
Address Box 1600, Midland, TX 79701		Producing Formation Wolfcamp		Water Gradient Gas .232 psi/ft.		Datum Plane 10469' SS												
LEASE		LOCATION		BOMB TEST DATA		SONIC INSTRUMENT TEST DATA*												
WELL NO.	U	S	T	R	OIL (O) OR GAS (G)	DATE TESTED	Z IN FEET TO TOP OF CASE	SHUT- IN TSG. PRESS.	TEST DEPTH	B.H. TEMP. ° F	OB- SERVED PRESS.	PROD. TEST (BBLs./DAY)	LIQUID LEVEL	LIQUID GRAD- IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	PRESS. AT DATUM

Fairview Mills-
Federal

10426

9168
SS

7263

12/28/74

3332

G

34

25

14

0

1

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

A. L. Clemmer
(Signature)

Unit Head

1/3/75

(Date)