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Form C-105
Revised 11-1-58

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: V-1687

1a. TYPE OF WELL

b. TYPE OF COMPLETION: OIL WELL [ ] GAS WELL [ ] DRY [X] OTHER ____ NEW WELL [ ] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name: Arkansas Junction Voluntary WI Unit

8. Farm or Lease Name: Marathon State (V-1687)

9. Well No.: 1

2. Name of Operator: Marathon Oil Company

10. Field and Pool, or Wildcat: Wildcat

3. Address of Operator: P.O. Box 552 Midland, Texas 79702

4. Location of Well: UNIT LETTER B LOCATED 1300 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 27 TWP. 17-S RGE. 36-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-15-87	12-26-87		3835.6'	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12,355'	0'		→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name

25. Was Directional Survey Made: NO

26. Type Electric and Other Logs Run: BHC Sonic, LDT, CNL, DIL, Repeat formation tester

27. Was Well Cored: Yes

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	417'	17½"	420 sx Class "C" (Circ 25 sx)	-0-
9 5/8"	36, 40	4,475'	12¼"	1700 sx Lite, 250 sx Class "C" (Circ 345 sx)	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Jerry L. Lewis TITLE DRLG SUPT DATE 1-26-88

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	2070'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	4626'	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	5248'	T. Bone Spring	8,294'	T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. Wolfcamp	10,254'	Base Greenhorn		T. Granite	
T. Paddock		T. Cisco	11,448'	T. Dakota		T.	
T. Blinebry		T. Strawn LS	11,909'	T. Morrison		T.	
T. Tubb		T. Atoka	12,030'	T. Todilto		T.	
T. Drinkard		T. Atoka Sd.	12,190'	T. Entrada		T.	
T. Abo		T. Morrow LS.	12,302'	T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2,070	2,070	Shale & Sand				
2,070	3,350	1,280	Salt & Anhydrite				
3,350	4,420	1,070	Anhydrite w/Dolomite & Sand				
4,420	5,260	840	Dolomite & Anhydrite w/Minor Sd.				
5,260	6,580	1,320	Dolomite				
6,580	7,100	520	Limestone w/Minor Dolomite				
7,100	8,450	1,350	Dolomite				
8,450	8,680	230	Dolomite & Shale w/Minor Limestone				
8,680	9,420	740	Sand w/Minor Shale & Dolomite				
9,420	9,910	490	Limestone, Dolomite & Shale				
9,910	10,270	360	Sand w/Minor Dolomite & Shale				
10,270	10,800	530	Limestone & Shale				
10,800	11,450	650	Dolomite, Limestone, & Shale				
11,450	11,900	450	Shale w/Minor Limestone & Dolo.				
11,900	12,030	130	Limestone & Sand				
12,030	12,190	160	Shale w/Minor Limestone				
12,190	12,355	165	Shale, Sand, & Limestone				

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