

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-4-68

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Lou Worthan

9. Well No.

16

10. Field and Pool, or Wildcat

Drinkard

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Not Completed

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P. O. Box 2409, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER B LOCATED 330 FEET FROM THE North LINE AND 198C FEET FROM

THE East LINE OF SEC. 11 TWP. 22S RGE. 37E N.M.P.M.

15. Date Spudded

11-10-76

16. Date T.D. Reached

12-3-76

17. Date Compl. (Ready to Prod.)

Operations not completed.

18. Elevations (DF, RKB, RT, GR, etc.)

3357' DF

19. Elev. Casinghead

3343'

20. Total Depth

7580'

21. Plug Back T.D.

6439'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-7580'

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

25. Was Directional Survey Made

No

(Inclination Only)

26. Type Electric and Other Logs Run

GR-DLL-MSFL, GR-CNL-CDL-Caliper, and GR-CBL-Caliper Log

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32#	1288'	12 1/4"	400 sx Light, 250 sx C1 C	
7"	23# & 26#	*7580'	8 3/4"	1st stg: 800 sx C1 C 50/50 poz	
				2nd Stg: 1200 sx Light, 400 sx C1 C	
*D.V. tool @ 4491'.					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

7038-7046' 1 JSPF (9 holes) (Abandoned)
6460-6720' 1 JSPF (32 holes) (Abandoned)
6344-6411' 1 JSPF (25 holes) (Temp. Abandoned)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7038-7046'	1500 gals. MOD 101 Acid
6460-6720'	6000 gals 15% NE HCL
6344-6411'	4000 gals 15% NE HCL
40,000 gals wtr., 40,000# 20/40 sand.	

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

GR-DLL-MSFL, GR-CNL-CDL-Caliper, GR-CBL-Collar Log and inclination report.

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

William R. Huch

TITLE Production Engineer

DATE October 9, 1978

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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured dry hole. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completion, forms 34 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 111b.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Abby	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kittland-Fruitland	T. Penn. "C"
T. Salt	T. Aloka	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	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Padlock	T. Ellenburger	T. Dakota	T. Morrison
T. Blinberry	T. Gr. Wash	T. Todillo	T. Entrada
T. Tubb	T. Granite	T. Delaware Sand	T. Bone Springs
T. Drinkard	T. Bone Springs	T. Wingate	T. Chinle
T. Wolfcamp	T. Penn.	T. Cisce (Bough C)	T. Penn. "A"

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
14	573	561	Redbed
573	985	412	Redbed & Anhydrite
985	1431	446	Anhydrite
1431	2502	1071	Anhydrite & Salt
2502	3400	898	Anhydrite
3400	4500	1100	Anhydrite & Lime
4500	5675	1175	Lime
5675	5900	225	Lime & Dolomite
5900	6980	1080	Lime
6980	7030	50	Lime & Dolomite
7030	7220	190	Lime-Granite Wash
7220	7580	360	Granite