

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPL

NM OIL CONS COMMISSION

Form approved.  
Budget Bureau No. 1004-0137  
E. M. 80220  
March 31, 1985

*dsf*

(See other instructions on reverse side)

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.  
NM031963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Sundance Federal

9. WELL NO.  
14

10. FIELD AND POOL, OR WILDCAT  
Sand Dunes Delaware, West

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec 5, T24S, R31E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other  *PAR 24 10 07 AM 1994*

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.  Other  *CALL 7-11*

2. NAME OF OPERATOR  
Merit Energy Company

3. ADDRESS OF OPERATOR  
12222 Merit Drive, Suite 1500 Dallas, Texas 75251 *APR 10 1994*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FSL - 660' FWL  
At top prod. interval reported below same  
At total depth same API #30-015-27581

14. PERMIT NO. DATE ISSUED  
7/16/93

15. DATE SPUNDED 2/11/94 16. DATE T.D. REACHED 2/25/94 17. DATE COMPL. (Ready to prod.) 3/8/94 18. ELEVATIONS (DP, RKB, RT, GB, ETC.)\* 3446.3 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8170 21. PLUG, BACK T.D., MD & TVD 8142 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → ROTARY TOOLS XX CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 7878 - 8003 Delaware 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/DSN 27. WAS WELL CORED no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	682	17 1/2	522 sx	none
8 5/8	24 & 32	4100	11	1350 sx	none
5 1/2	15.5 & 17	8170	7 7/8	1107 sx	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	8080	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7878 - 8003	1 spf total 14 holes .36"	7878-8003	acidize w/1500 gals 15% HCL frac w/242,060# sand & 51,000 gals gelled water

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/9/94		pumping 2"x2 1/2"x25"				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/13/94	24	NA	→	223	204	146	915
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
NA	NA	→	223	204	146	44.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold TEST WITNESSED BY Russell Whited

35. LIST OF ATTACHMENTS  
Plat deviation survey logs

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

SIGNED *[Signature]* TITLE Regulatory Manager DATE 3/18/94

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

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware Lime	4060	4060
				Cherry Canyon	5175	5175
				Brushy Canyon	6325	6325
				Bone Springs	7900	7900