

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

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FORM 3160-4
(July 1992)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
NM031963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Sundance Federal #8

9. API WELL NO.
30-015-27547

10. FIELD AND POOL OR WILDCAT
West Sand Dunes Delaware

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

Sec. 5-T24S-R31E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

1b. TYPE OF WELL

NEW WELL ☐

WORK OVER ☒

DEEPEN ☐

PLUG BACK ☐

DIFF. RESER. ☐

2. NAME OF OPERATOR

Merit Energy Company

3. ADDRESS AND TELEPHONE NO.

12222 Merit Drive Suite 1500 Dallas, Texas 75251

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

**At Surface
1980' FNL & 1980' FWL**

At top prod. Interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

07/01/93

15. DATE SPUDDED
07/29/93

16. DATE T.D. REACHED
08/10/93

17. DATE COMPL. (Ready to prod.)
09/19/99 (Workover)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3425.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

MD

TVD

MD

TVD

→

X

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

7782' - 7968'

25. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CNL/LDT/MSFL/DLL/LSS

26. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	656'	17-1/2"	Surface; 525 SX.	None
8-5/8"	24 & 32#	4100'	11"	Surface; 1750 SX.	None
5-1/2"	17 & 15.5#	8150'	7-7/8"	5020'; 1000 SX.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7932'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
7782' - 7801'		26 holes
7826' - 7968'		21 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7782' - 7801'	Acidize w/36 bbls 15% NEFE
7826' - 7968'	Acidize w/1500 gals.
	Frac w/263550# Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
09/19/99		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
09/19/99	24		→	9	30	44	3333	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
200	10	→	9	30	44	45.2		

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Sundry Notice

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

SIGNED *[Signature]*

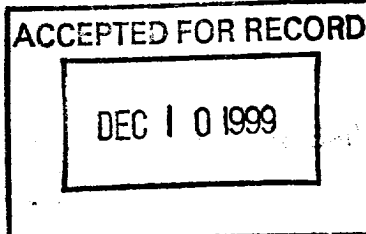
TITLE **Regulatory Analyst**

DATE **11/22/99**

(See instructions and spaces for additional data on reverse side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction.

cc: State of New Mexico; Oil Conservation Division



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
				Delaware Lime 4060'
				Cherry Canyon 5175'
				Brushy Canyon 6325'
				Bone Spring 7900'