

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.
NM 0517342

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Federal 4 #2

9. API WELL NO.
30-015-29422

10. FIELD AND POOL OR WILDCAT
***See Below**

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

Sec. 4-T21S-R27E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

1b. TYPE OF WELL

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other **Commingle**

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

660' FNL & 1980' FEL

At top prod. Interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED
04/16/97

16. DATE T.D. REACHED
05/01/97

17. DATE COMPL. (Ready to prod.)
10/26/99 (Commingle)

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*
3196'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6678' MD TVD

21. PLUG, BACK T.D., MD & TVD
6627' MD TVD

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

4955' - 4985'; 5011' - 5022' (Delaware) 6310' - 6381'; 6497' (Bone Spring)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

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#	650'	17-1/2"	570 SX. CLASS C	NA
8-5/8"	24#	2700'	11"	1305 SX. CLASS C	NA
5-1/2"	15.5#	6678'	7-7/8"	874 SX. CLASS C & H	NA

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL SIZE NUMBER
4955' - 4985'; 5011' - 5022' (1 spf)
6310' - 6381'; 6497' (1 spf)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4955' - 5022' Per 1 spf. 1500 gals 15% NEFE
55260 gals Gel 114800# 16/30 sand
35400# 16/30 resin coated sand
6310' - 6381'; 6497' Per 1 spf.

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10/26/99	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/26/99	24	13/64"	→	32	200	150	6250
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
380	440	→	32	200	150	40.1	

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 as to any matter within its jurisdiction.

* La Huerta - Delaware Undesignated Burton Flats - Bone Spring

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware Bone Spring 1st Bone Spring	2700' 5040' 6305'	