

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-04083

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Helicat Federal #1

9. API WELL NO.

30-039-23566

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 22-T25N-R2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other

APR 29 1993

b. TYPE OF COMPLETION:

NEW WELL ☐

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☒

DIFF. CENVR. ☒

Other

2. NAME OF OPERATOR

NM&O Operating Company

3. ADDRESS AND TELEPHONE NO.

23 West 4th Street, Suite 900 Tulsa, OK 74103-5007

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

At surface 1,700' FNL & 1,850' FWL

At top prod. interval reported below

At total depth 1,700' FNL & 1,850' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDED

9/26/84

16. DATE T.D. REACHED

10/16/84

17. DATE COMPL. (Ready to prod.)

1/24/93

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

7,215 GR

19. ELEV. CASINGHEAD

7,215 GR

20. TOTAL DEPTH, MD & TVD

8,024

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

6,530

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

Surf-TD

ROTARY TOOLS

CABLE TOOLS

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

5,540 - 5,618 -

25. TYPE ELECTRIC AND OTHER LOGS RUN

As previously submitted

27. WAS WELL CORRED

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
9 5/8 K-55	36#	476	12 1/4"	265 sx B Surface	-0-
7" N-80	23# & 26#	8,002	8 3/4"		
Same as previously submitted					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8 7#	5671	

31. PERFORATION RECORD (Interval, size and number)

5,540'-51'

5,591'

5,595'-99' = 62 Holes .46" Diameter

5,604'-18'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5,540'-5,618'	250 gals. 7 1/2% HCL & w/
	71,950 gals Borate Gell
	& 99,100# -20/40 Brady
	Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1/19/93		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/24/93	24	--	→	1/4	108	130	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
---	167#	→	1/4	108	130	----		

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

Sold and used for fuel

TEST WITNESSED BY

Johnny Sturdevant

35. LIST OF ATTACHMENTS

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

SIGNED

Christopher G. ...

TITLE

Vice President

DATE

2-3-97

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