

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
MARIAH ENERGY CORP. 162791

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 160430, AUSTIN, TX 78716 (512) 327-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
2330' FSL & 10' FWL
At proposed prod. zone
SAME Unit L

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
APPROX. 7 1/2 MILES SOUTH OF LOCO HILLS

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 10

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 550'

16. NO. OF ACRES IN LEASE 1,800

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH 3,600

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3506' GR

22. APPROX. DATE WORK WILL START*
10/1/98

5. LEASE DESIGNATION AND SERIAL NO.
NM 033775

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NORTH BENSON QUEEN UNIT

8. FARM OR LEASE NAME, WELL NO. 20958
NORTH BENSON QUEEN UNIT

9. API WELL NO.
51 30-015-30483

10. FIELD AND POOL, OR WILDCAT
NORTH BENSON QUEEN - 6 ne 1/4 S 300

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC 27 T18S-R30E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	+600'	SEE BELOW Post ID-1
7 7/8	4 1/2	10.5#	3600'	SEE BELOW 11-6-96

API & Loc

8 5/8" SURFACE LEAD: 255 PERM BASIN CRITICAL ZONE EMT @ 13.5 PPG.

4 1/2" PRODUCTION:

SPACER - 10 BBLS 2% KCL WATER
750 GALS SUPERFLUSH 201
5 BBLS 2% KCL WATER

LEAD - 500 SX HOWCO LIGHT PREMIUM PLUS - 5 PPS SALT + 1/4 PPS PROCELE @ 12.6 PPG.

TAIL - 250 SX 50/50 POZ MIX PREMIUM PLUS + 2% TOTAL GEL + .5% HALAD-552 @ 13.9 PPG.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Richard P. Atkins TITLE PRESIDENT DATE 8/18/98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY B/Robert A. Wiley TITLE Acting State Director DATE 10-30-98

*See Instructions 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.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer 10, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name NORTH BENSON QUEEN UNIT	Well Number 51
OGRID No.	Operator Name MARIAH ENERGY CORP.	Elevation 3506

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	18 S	30 E		2330	SOUTH	10	WEST	EDDY

Bottom Hole Location If Different From Surface

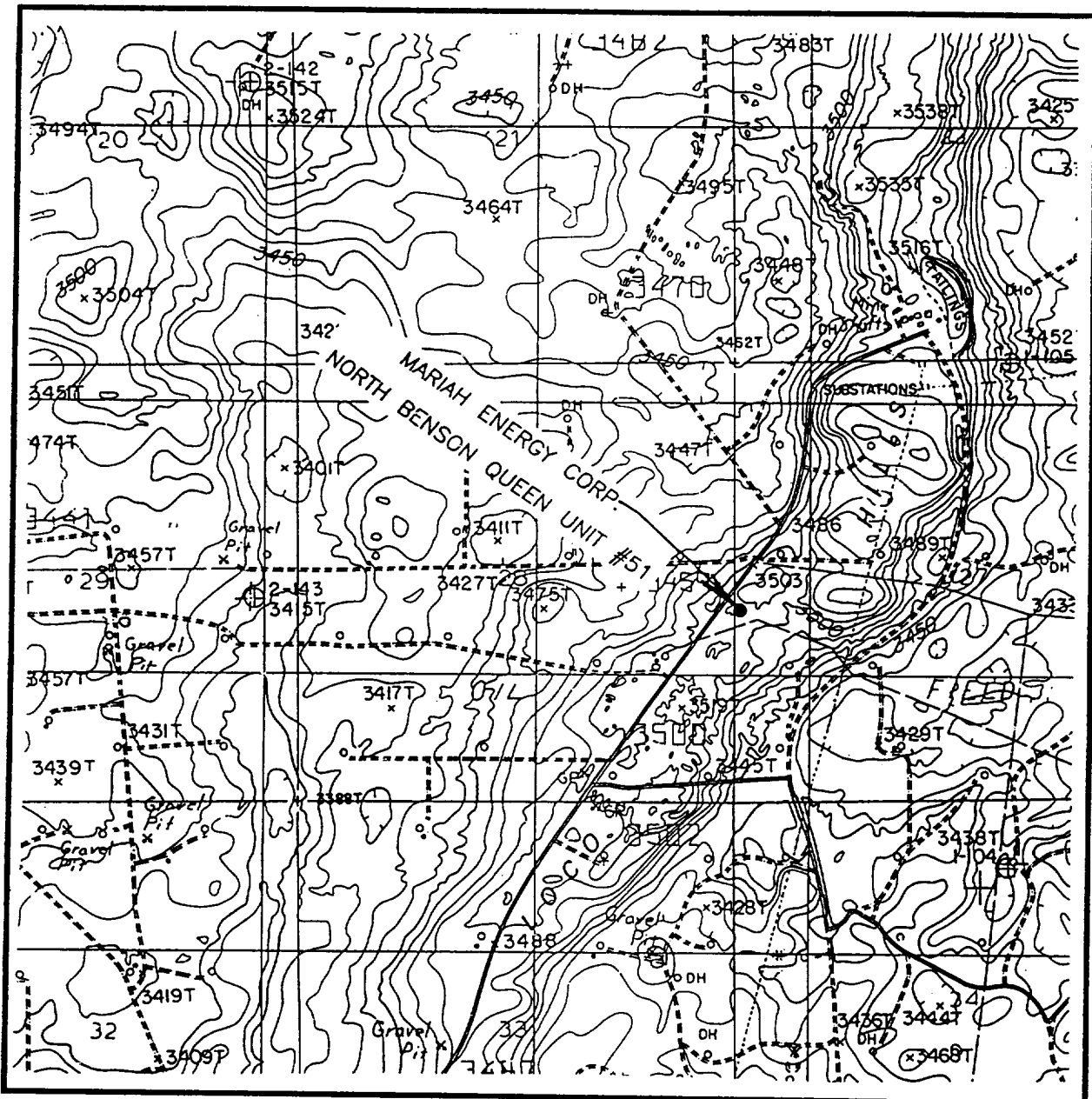
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature RICHARD D. ATKINS Printed Name PRESIDENT Title 8/24/98 Date	
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JUNE 15, 1998 Date Surveyed Signature & Seal of Professional Surveyor W.O. Num 98-0900 Certificate No. RONALD J. EIDSON, 3239 GARY E. EIDSON, 12641 DAVID MCDONALD, 12185	

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 27 TWP. 18-S RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2330' FSL & 10' FWL

ELEVATION 3506'

OPERATOR MARIAH ENERGY CORP.

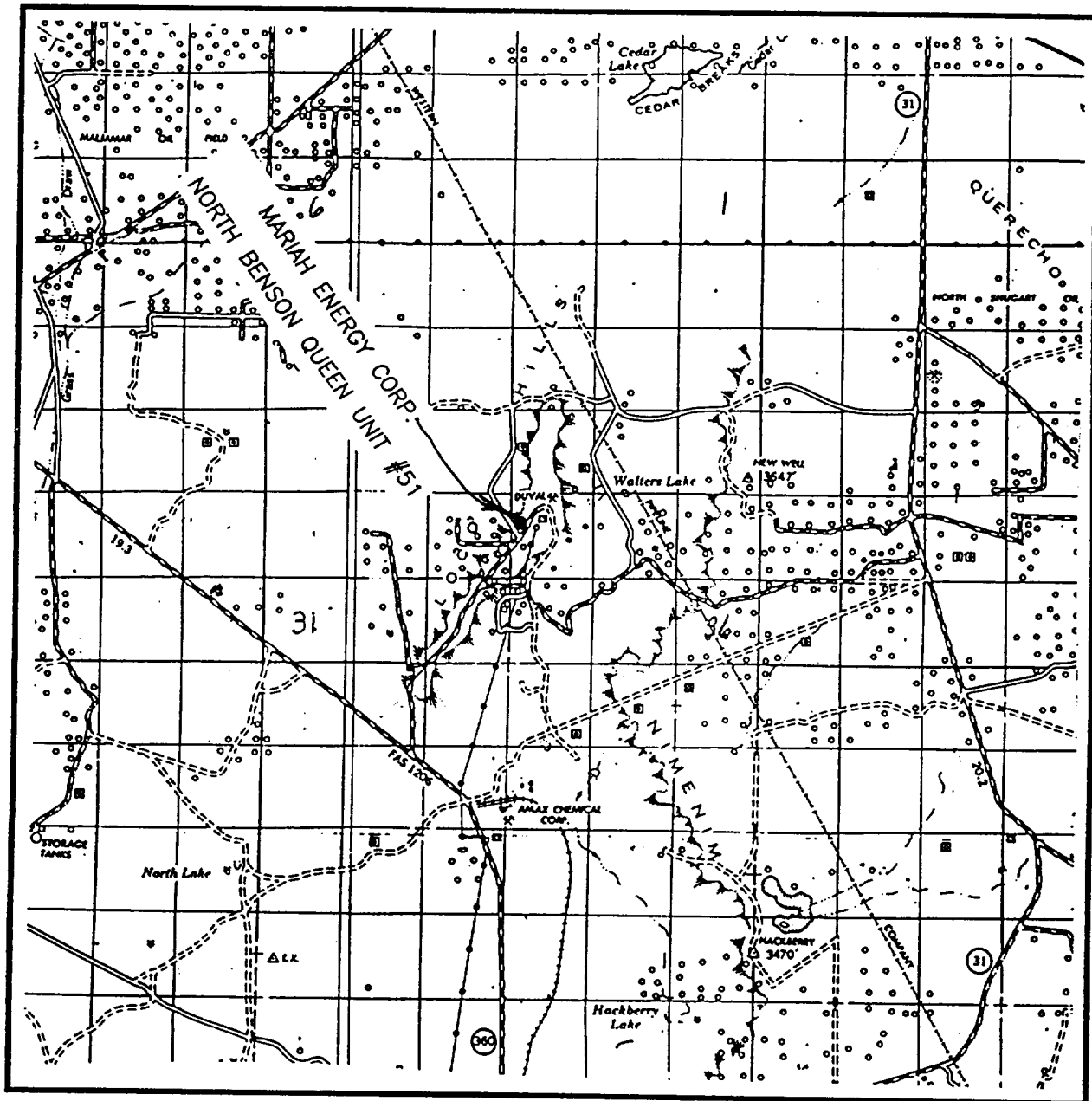
LEASE NORTH BENSON QUEEN UNIT

U.S.G.S. TOPOGRAPHIC MAP

HACKBERRY LAKE, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 18-S RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2330' FSL & 10' FWL

ELEVATION 3506'

OPERATOR MARIAH ENERGY CORP.

LEASE NORTH BENSON QUEEN UNIT

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117