

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 033775		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR MARIAH ENERGY CORP.			7. UNIT AGREEMENT NAME NORTH BENSON QUEEN UNIT		
3. ADDRESS AND TELEPHONE NO. P.O. BOX 160430, AUSTIN, TX 78716 (512) 327-2620			8. FARM OR LEASE NAME, WELL NO. NORTH BENSON QUEEN UNIT		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2330' FSL & 1268' FEL At proposed prod. zone SAME			9. API WELL NO. 49 30-015-30481		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APPROX. 7 1/2 MILES SOUTH OF LOCO HILLS			10. FIELD AND POOL, OR WILDCAT QUEEN - North Benson, 5300		
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1268'			11. SEC., T., R., M., OR SDN. AND SURVEY OR AREA SEC 28, T18S-R30E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 850'			12. COUNTY OR PARISH EDDY		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3469 GR			13. STATE NM		
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		
22. APPROX. DATE WORK WILL START* 10/1/98					

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 11-6-98

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 WATERLEAD - 500 SX HOWCO LIGHT PREMIUM PLUS - 5 PPS SALT + 1/4 PPS FLOCCULE @ 12.6 PPG
TAIL - 250 SX 50/50 POZ MIX PREMIUM PLUS + 2% TOTAL GEL + .5% HALAD-332 @ 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 D. 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 Richard A. Whitley 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 D, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 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 49
OGRID No.	Operator Name MARIAH ENERGY CORP.	Elevation 3469

Surface Location

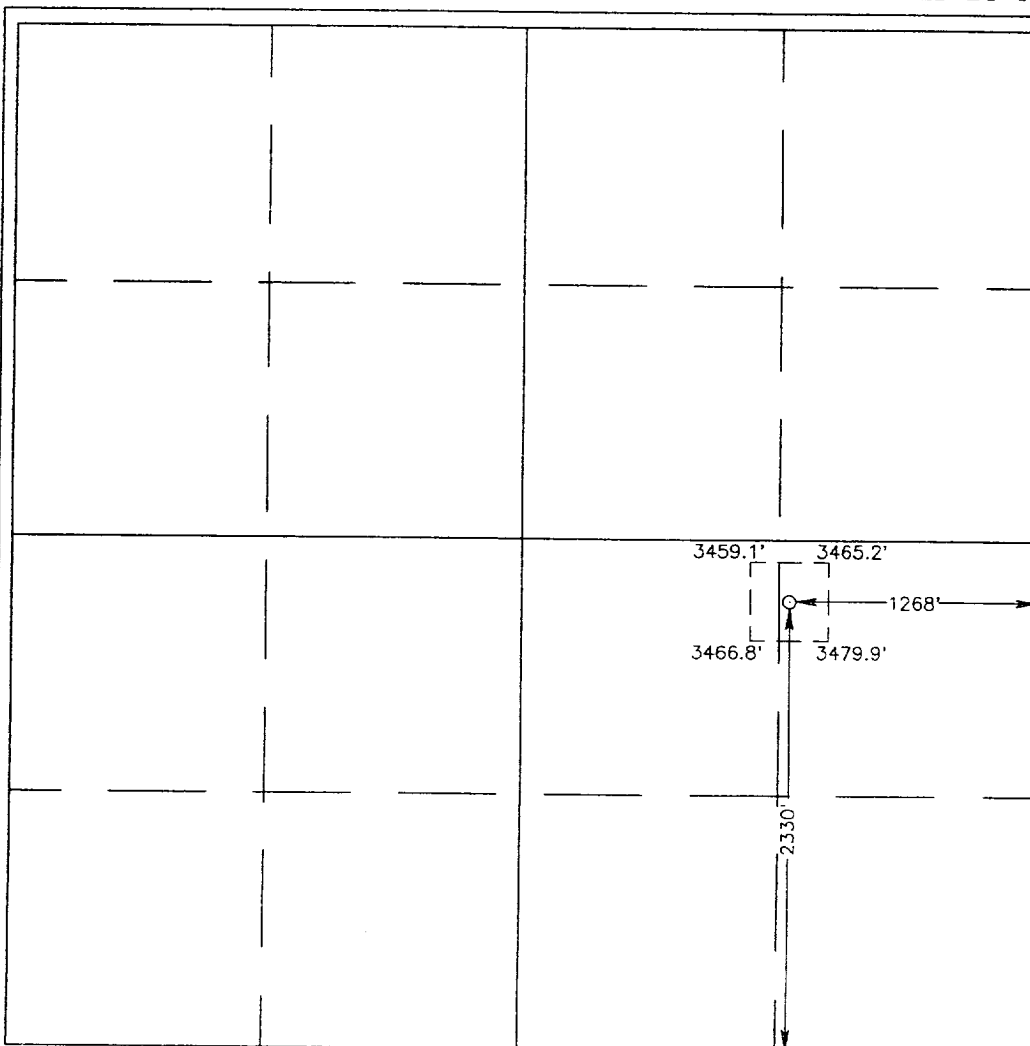
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	28	18 S	30 E		2330	SOUTH	1268	EAST	EDDY

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
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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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.

Richard D. Atkins
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

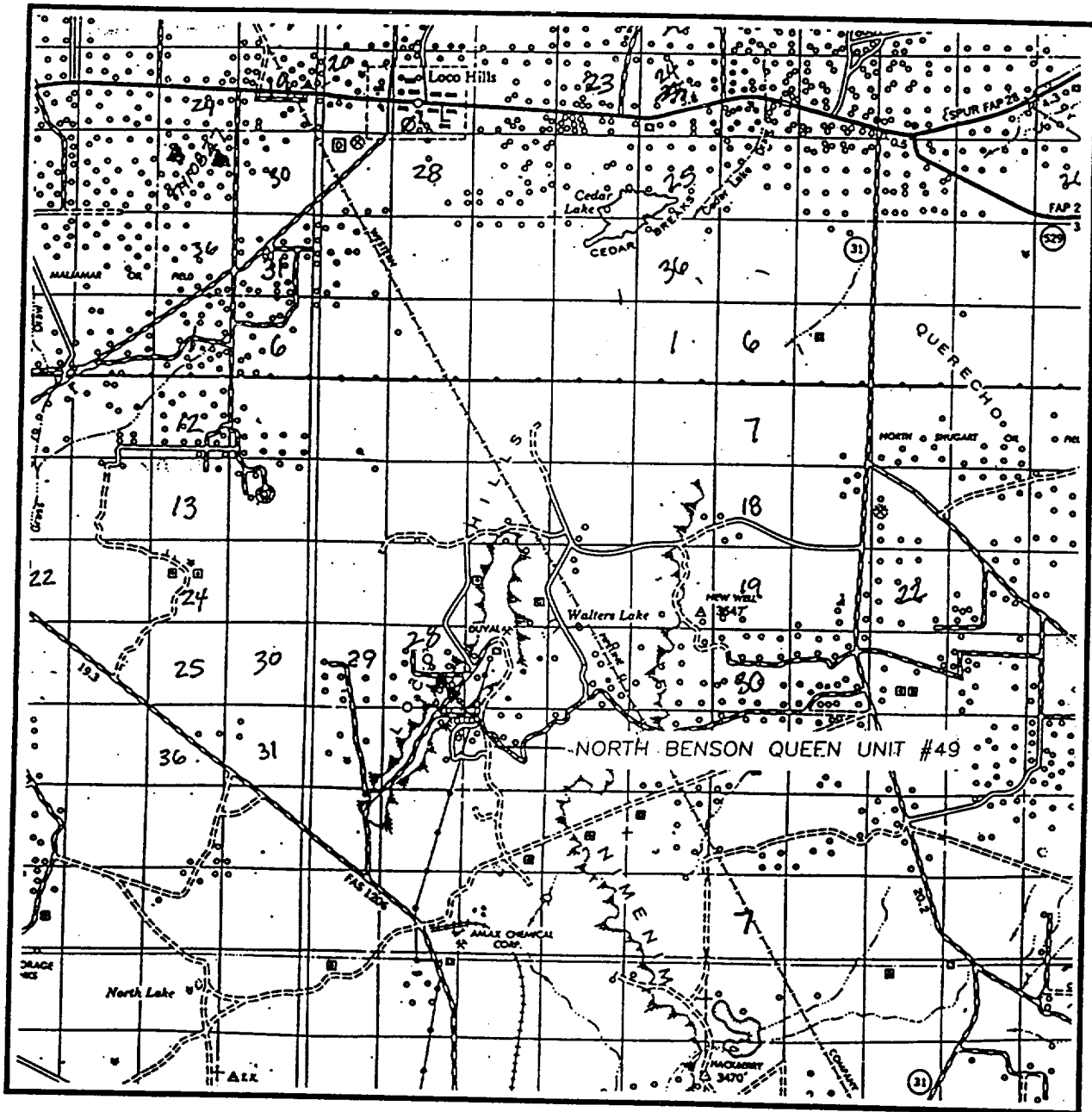
Date Surveyed DMCC

Signature & Seal of
Professional Surveyor

Ronald J. Eidsen
6-19-98
68-11-0898

Certificate No. RONALD J. EIDSON 3239
CARY EIDSON 12641
RONALD J. EIDSON 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 28 TWP. 18-S RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2330' FSL & 1268' FEL

ELEVATION 3469

OPERATOR MARIAH ENERGY CORP.

LEASE NORTH BENSON QUEEN UNIT

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