

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
ART 1681

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0560290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
23433

8. NAME OR LEASE NAME, WELL NO. #43

9. AP WELL NO.  
30-015-32175

10. FIELD AND POOL, OR WILDCAT  
BURTON FLAT-MORROW

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SECTION 3 T21S-R27E

12. COUNTY OR PARISH  
EDDY CO.

13. STATE  
NEW MEXICO

1a. TYPE OF WORK  
DRILL ☐ DEEPEN ☐

1b. TYPE OF WELL  
WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
OCEAN ENERGY, INC. 169355 (JEANIE McMILLAN)

3. ADDRESS AND TELEPHONE NO.  
1001 FANNIN SUITE 1600 HOUSTON, TEXAS 77002 (713-265-6834)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
990' FSL & 660' FEL SEC. 3 T21S-R27E EDDY CO. NM  
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 7 miles Northeast of Carlsbad New Mexico. *Unix*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2660'

19. PROPOSED DEPTH  
11,600'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3212' GR.

22. APPROX. DATE WORK WILL START\*  
When approved

PROPOSED CASING AND CEMENTING PROGRAM					Carlsbad Controlled Water Basin	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT	
25"	Conductor	NA	40'		Cement to surface with Redi-mix	
17 1/2"	H-40 13 3/8"	48	600'		505 Sx. circulate cement	
12 1/2"	J-55 8 5/8"	32	2780'		781 Sx. circulate cement	
7 7/8"	P-110, N-80 5 1/2"	17	11,600'		1091 Sx. Top cement 2280'	

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 600'. Run and set 600' of 48# H-40 ST&C casing. Cement with 505 Sx of cement as follows: 305 Sx. of 35/65 POZ Class "C" = 1/2# Celo Flakes/Sx. + 2% CaCl, + 6% Bentonite, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
3. Drill 11" hole to 2780'. Run and set 2780' of 8 5/8" 32# J-55 ST&C casing. Cement with 581 Sx. of Class "C" 35/65 POZ + 1% CaCl, + 1/2# Celo Flakes/Sx., + 5#/Sx of LCM-1, + 6% Bentonite, tail in with 200 Sx. of Class "C" cement + 1% CaCl, circulate cement.
4. Drill 7 7/8" hole to 11,600'. Run and set 11,600' of 5 1/2" casing as follows: 1000' of 5 1/2" P-110 17# LT&C, 10,600' of 5 1/2" 17# N-80 LT&C. Cement in two stages with DV tool at 8200'±. Cement 1st stage with 508 Sx. of Class "C" 15/61/11/ POZ + 1/2# Celo Flakes/Sx. + 4# LCM-1/ Sx. 2nd stage cement with 333 Sx. of 36/65 POZ Class "C" 3# NaCl/Sx., + 5# LCM-1/Sx., + 6% Bentonite, tail in with 583 Sx. of 15/61/11/ POZ Class "C" + 1/2# Celo Flakes/Sx. + .5% FL-25 + .5% FL-52. Estimate top of cement 2280' from surface.

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 *Joe T. Janica* TITLE Agent DATE 10/23/01

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the land proposed to be drilled or deepened, nor does it warrant or certify that the applicant is qualified to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

APPROVED BY */s/ JOE G. LARA* TITLE FIELD MANAGER DATE JAN 18 2002

\*See Instructions On Reverse Side

121 JOE G. TAYLOR

RECEIVED  
OCT 24 '01  
ROSWELL, NM