

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR

Odessa Natural Corporation Att: Mr. John Strojek

3. ADDRESS OF OPERATOR

P.O. Box 3908, Odessa, Texas 79760

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

790' FNL, 790' FWL

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

790'

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

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

7,274' GR

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

3,250'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

6-5-78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	120	100 sx
7 7/8"	4 1/2"	10.50	3,250	150 sx

It is proposed to drill the following well using drilling mud as a circulation medium. All possible producing intervals in the Pictured Cliff Formation will be perforated for completion.

Estimated Formation Tops

Ojo Alamo 2,738'
Kirtland 2,785'

Pictured Cliffs 3,215'
Lewis 3,250'

The NW/4 of Section 10 is dedicated to this well.

The gas produced from this well is committed.

FOR: Odessa Natural Corporation

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

(This space for Federal or State office use)

President, Walsh Engineering
TITLE & Production Corp.

DATE 4-7-78

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

30-639-21713

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla
Joint Venture

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Joint
Venture "PC"

9. WELL NO.

109

10. FIELD AND POOL, OR WILDCAT
Ballard Pictured
Cliffs

11. SEC., T., E., M., OR BLE.
AND SURVEY OR AREA

Sec. 10-T23N-R3W
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM



Vicinity Map for
ODESSA NATURAL CORP. #109 Jicarilla Joint Ventures PC
790'FNL 790'FWL Sec 10-T23N-R3W
Rio Arriba County, New Mexico