

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' FSL, 890' 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 drig. unit line, if any)

1190'

16. NO. OF ACRES IN LEASE

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

19. PROPOSED DEPTH

3230'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

7249' GR

22. APPROX. DATE WORK WILL START*

5-15-78

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 sacks
7- 7/8"	4-1/2"	10.50	3230	100 sacks

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

Estimated Formation Tops

Ojo Alamo	2718'	Pictured Cliffs	3080'
Kirtland	2765'	Lewis	3195'

The SW/4 of Section 3 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

Ewell N. Walsh, P. E.

(This space for Federal or State office use)

TITLE

President, Walsh Engr. &
Production Corp.

DATE

April 4, 1978

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Alaif

*See Instructions On Reverse Side

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.

102

10. FIELD AND POOL, OR WILDCAT

Ballard Pictured
Cliffs11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 3-T23N-R3W

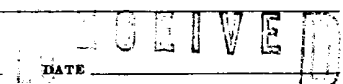
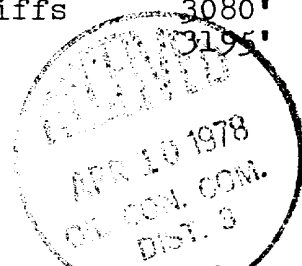
N. M. P. M.

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

U. S. GEOLOGICAL SURVEY
-1-111-9, 3010.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

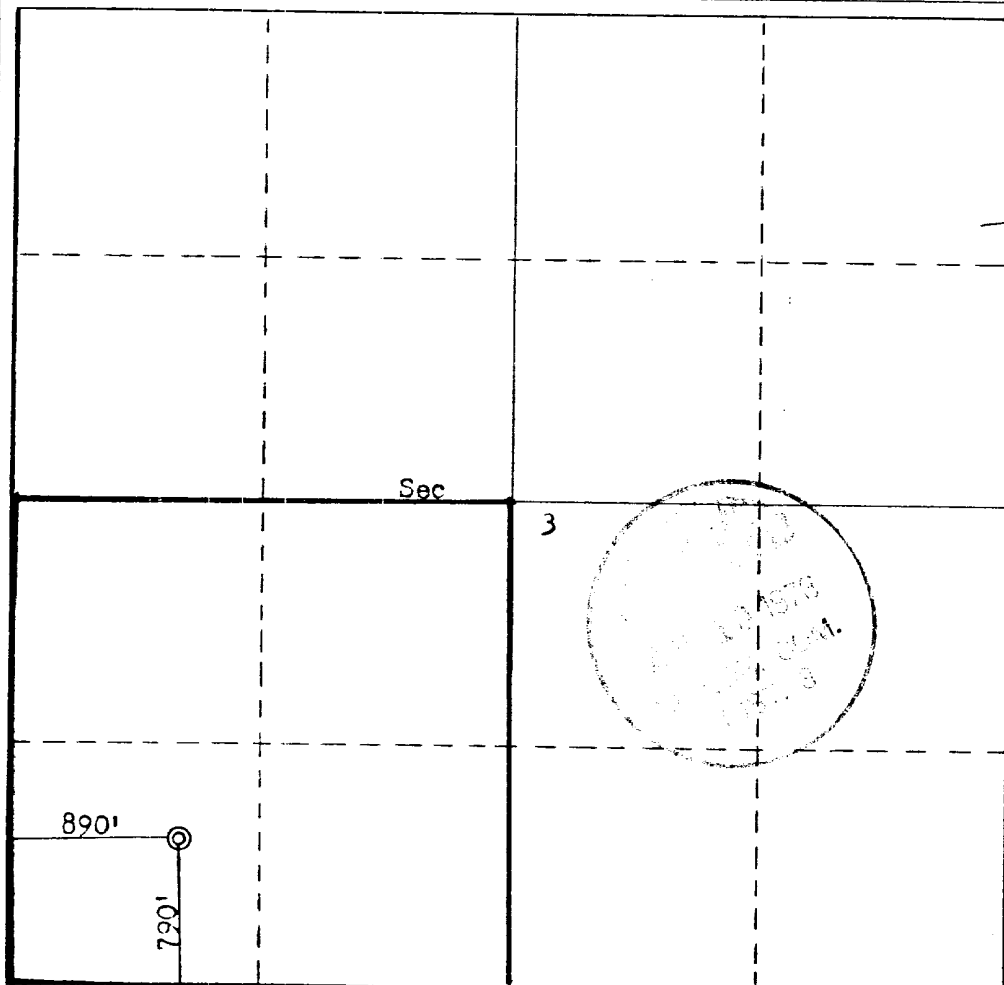
Odessa Natural Corporation			Lease Jicarilla Joint Ventures PC		Well No. 102
Unit Letter M	Section 3	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 790 feet from the South line and 890 feet from the West line </div>					
Ground Level Elev. 7249	Producing Formation Pictured Cliffs		Pool Ballard Pictured Cliffs	Dedicated Acreage: 160	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

For: **Odessa Natural Corp.**

Name: Ewell N. Walsh, P. E.

Position: President

Company: Walsh Engr. & Production Corp.

Date: April 4, 1978

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 knowledge and belief.

Date Surveyed: March 21, 1978

Registered Professional Engineer and/or Land Surveyor

Fred A. Kerr Jr.

Certificate No. 3950

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

