

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22300

5. LEASE DESIGNATION AND SERIAL NO.

NM-28760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREASec. 12-T30N-R14W  
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mex.

## 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

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

990' FNL, 1455' FWL

At proposed prod. zone

Same

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

10. DISTANCE FROM PROPOSED\*

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

1455'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 W/314.80

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

None

19. PROPOSED DEPTH

6498'

20. ROTARY OR CABLE TOOLS

Rotary

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

5898' GR

22. APPROX. DATE WORK WILL START\*

2-1-77

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	300	250
7-7/8	4-1/2	11.60&13.50	6470	To be Determined

It is proposed to drill this well using drilling mud as a circulating medium. Possible producing interval in the Dakota Formation will be completed. Estimated Formation Tops:

Ojo Alamo	670'	Cliff House	3270'	Greenhorn	6170'
Fruitland	1240'	Point Lookout	4120'	Dakota	6240'
Pictured Cliffs	1670'	Gallup	5170'	T. D.	6498'

The W/2 Sec. 12-T30N-R14W is dedicated to this well. The gas from this well is not dedicated to a purchaser.

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. For: Odessa Natural Corporation

President, Walsh Engineering

SIGNED

Ewell N. Walsh, P. E.

TITLE

&amp; Production Corp.

DATE

12/20/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

Operator <b>ODESSA NATURAL CORPORATION</b>			Lease <b>LITTLE FEDERAL</b>		Well No. <b>3</b>
Unit Letter <b>C</b>	Section <b>12</b>	Township <b>30 NORTH</b>	Range <b>14 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well:					
<b>990</b>	feet from the	<b>NORTH</b>	line and	<b>1455</b>	feet from the <b>WEST</b> line
Ground Level Elev. <b>5898</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage <b>370 w/ 314.80</b> 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 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.**

*Ewell M. Walsh*

Position **Ewell M. Walsh, P.E.,  
President, Walsh  
Engineering & Prod.  
Corp.**

Date **December 20, 1976**

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.

**3 December, 1976**

Date Surveyed

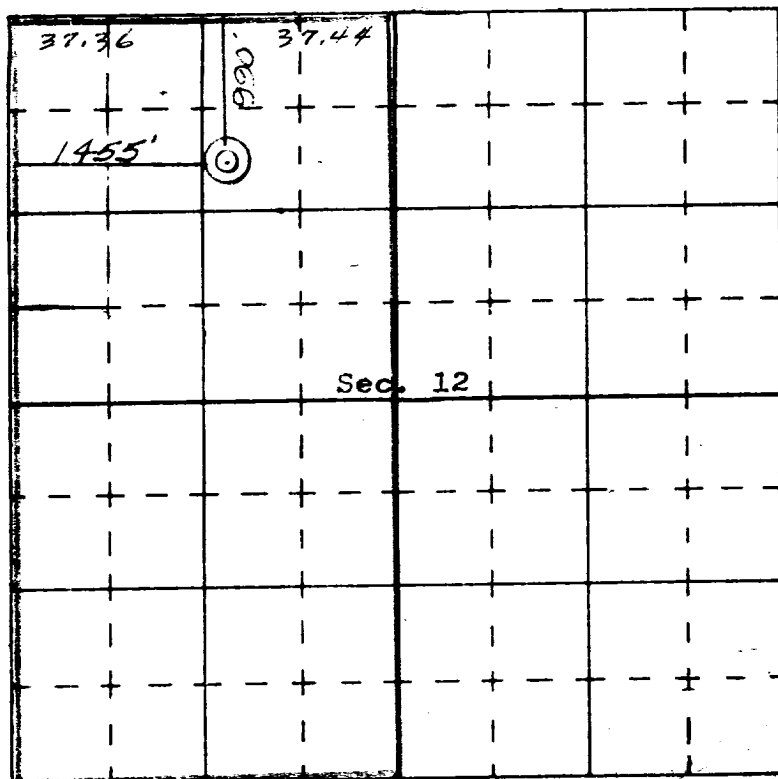
*James P. Leese*

Registered Professional Engineer  
and/or Land Surveyor

**JAMES P. LEESE**

**1463**

Certificate No.



DIST. 3

DEVELOPMENT PLAN

ODESSA NATURAL CORPORATION

LITTLE FEDERAL NO. 3

1. Existing roads shown on attached plat.
2. Planned access from existing road is approximately 5000' to new location. Road to be ditched and water bars installed for water drainage.
3. Location - 990'FNL; 1455'FWL  
Sec.12-T30N-R14W  
San Juan County, New Mexico
4. One additional well is planned on this lease at this time.
5. Production equipment or storage facilities proposed for the well will be installed on location.
6. Water to be obtained from San Juan River at west edge of Farmington.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned. A trailer house will be used on location during drilling process.
9. No airstrip proposed.
10. See attached plat for layout.
11. Pits will be filled, location cleaned up, and area not in use for producing well will be reseeded using broadcast method of planting, as per requested B.L.M. seeding program.)

12. Lessee's or operator's representative.

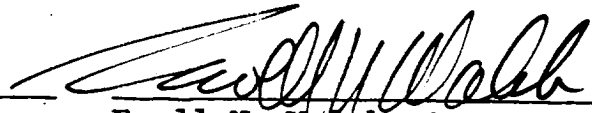
Ewell N. Walsh: 325-8203; Radio Dispatch 325-1873, Car 620.  
Address: P. O. Box 254, Farmington, New Mexico 87401

13: CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by: ODESSA

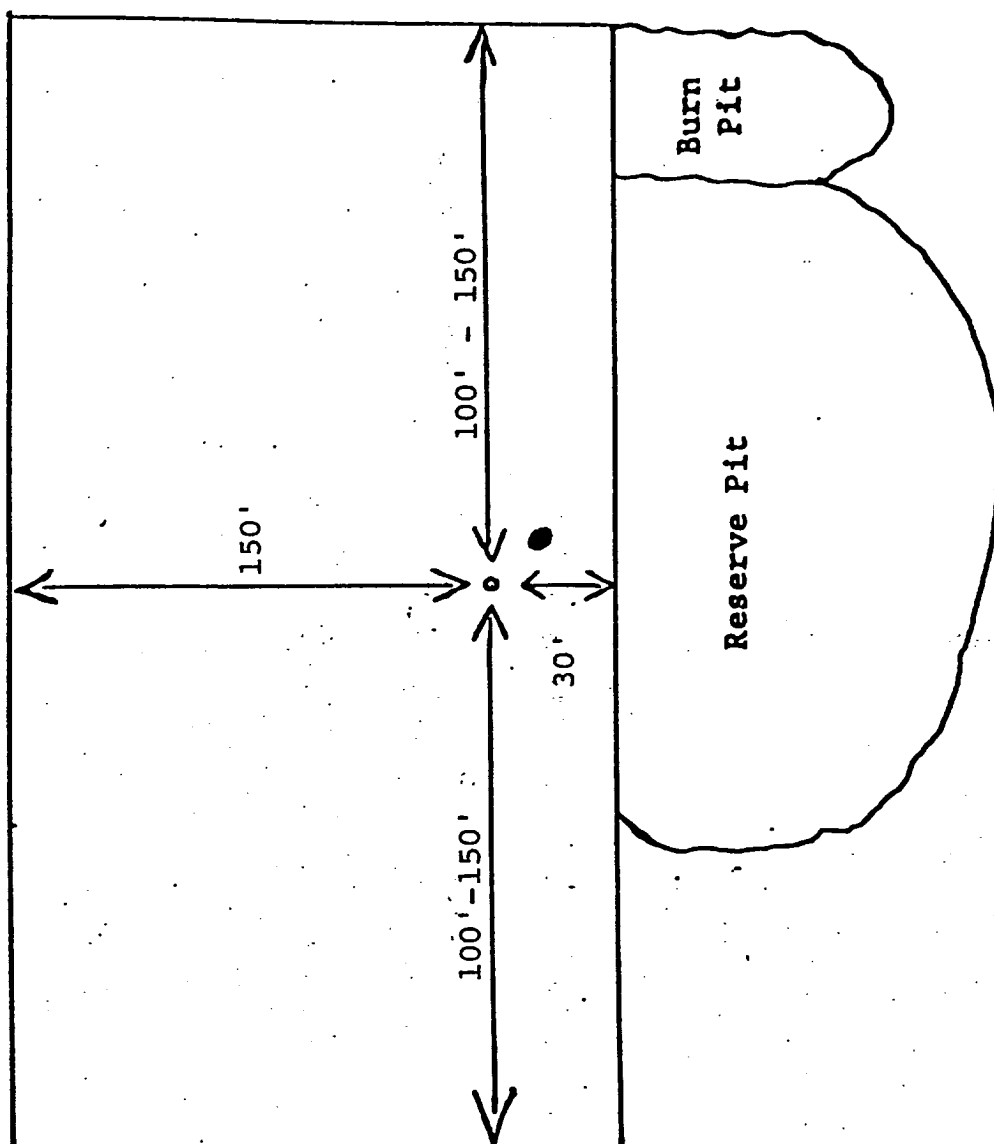
NATURAL CORPORATION

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Ewell N. Walsh, P.E., President,  
Walsh Engineering & Production  
Corporation

DEVELOPMENT PLAN  
ODESSA NATURAL CORPORATION  
LITTLE FEDERAL NO. 3  
990'FNL, 1455'FWL, Sec12-T30N-R14W  
SAN JUAN COUNTY, NEW MEXICO



ODESSA NATURAL CORPORATION

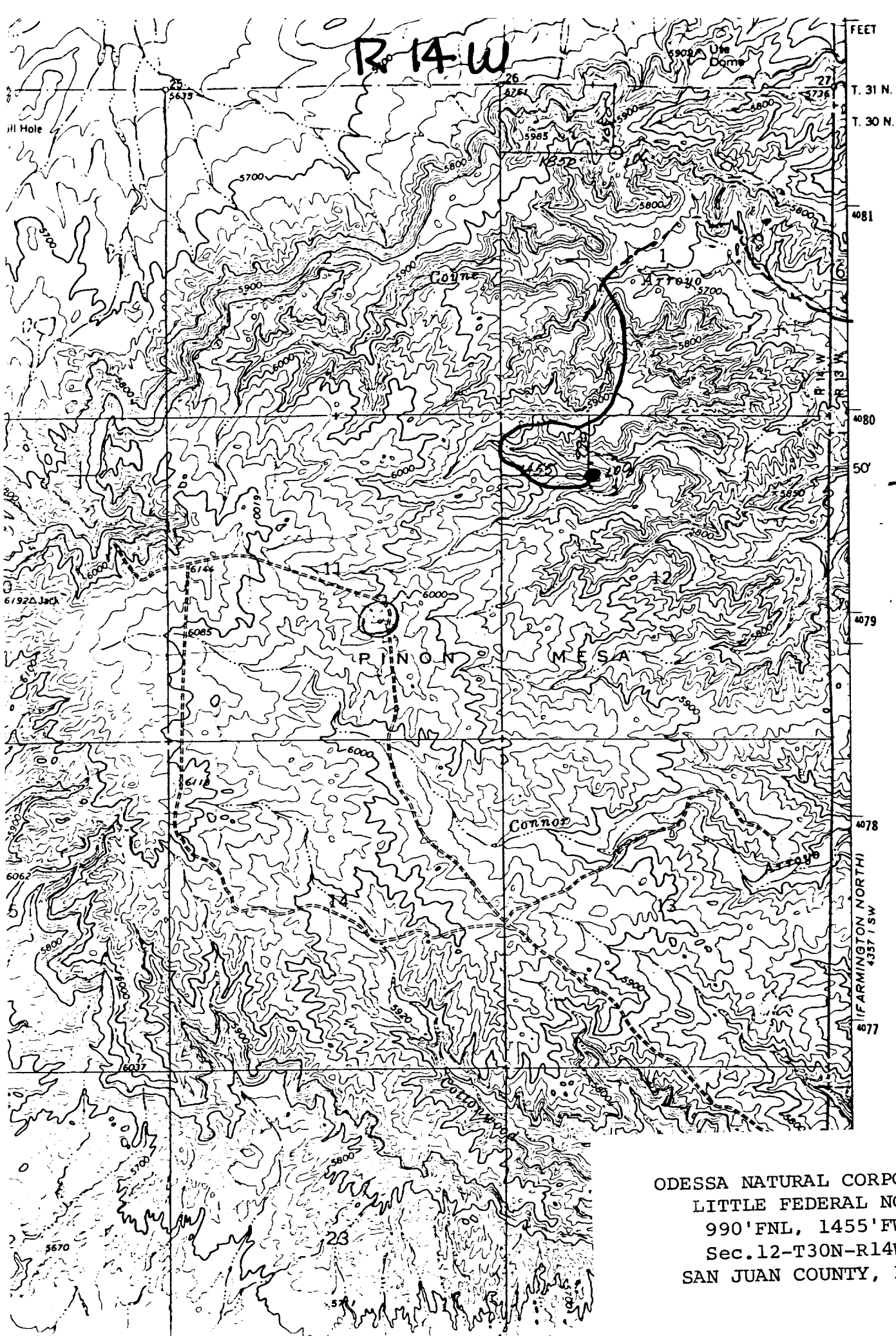
LITTLE FEDERAL NO. 3

NW/4 Sec.12-T30N-R14W

SAN JUAN COUNTY, N. M.

Seven Point Well Control Program

1. Surface Casing.  
See Application for Permit to Drill.
2. Spools and Flanges
  - A. Surface Casing - 10", Series 600, 2000 psi W.P.
  - B. Production, 10", Series 600, 2000 psi W.P.
  - C. Tubing Head - Series 600, 2000 psi. W.P.
3. Intermediate Casing.  
None
4. Blowout Preventers  
Production Hole - 10", 2000 psi  
Fill, kill and choke manifold - 5000 psi. W.P.
5. Additional Equipment (If necessary)
  - A. Kelly Cock
  - B. Bit Float
  - C. Degasser
  - D. Pit Level Indicator
  - E. Sub with Valve for drill pipe.
6. Anticipated Bottom Hole Pressure.  
1500 psi. Current mud program is for 9.2 lb./gal mud with hydrostatic head of 2200 psi at 4650 feet. Mud weight will be increased if necessary for higher pressures.
7. Drilling Fluid.  
Gel-chemical



1  
30  
N

ODESSA NATURAL CORPORATION  
LITTLE FEDERAL NO. 3  
990' FNL, 1455' FWL  
Sec. 12-T30N-R14W  
SAN JUAN COUNTY, NEW MEX.