

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-C 39-21715
5. LEASE DESIGNATION AND SERIAL NO.
NM-02402
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Arco
Little Federal 32
9. WELL NO.
3
10. FIELD AND POOL, OR WILDCAT
Chacon Dakota
Associated Pool
11. SEC., T., E., M., OR BLE.
AND SURVEY OR AREA
Sec. 32-T24N-R3W
N. M. P. M.
12. COUNTY OR PARISH 13. STATE
Rio Arriba N. M.

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: 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 1850' FSL, 1850' 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) 1850'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2700'

19. PROPOSED DEPTH
7660

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7204 GR

22. APPROX. DATE WORK WILL START*
6-1-78

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	350	300 sacks
7-7/8"	4-1/2"	10.50&11.60	7660	To be determined

It is proposed to drill this well with rotary tools, using oil base mud as circulation medium, through the Dakota Formation. Possible productive zones in the Dakota Formation will be completed. Production casing will be cemented in such a manner as to protect the Pictured Cliffs Formation.

Estimated Formation Tops

Pictured Cliffs	3090'	Greenhorn	7180'
Cliff House	4660'	Graneros	7240'
Gallup	6200'	Dakota	7260'

The SW/4 Section 32 is dedicated to this well.

The natural gas produced from this well is committed.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones 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
Signed: *Ewell N. Walsh* TITLE: Engineering & Prod. Corporation DATE: 4/10/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Walsh

**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.

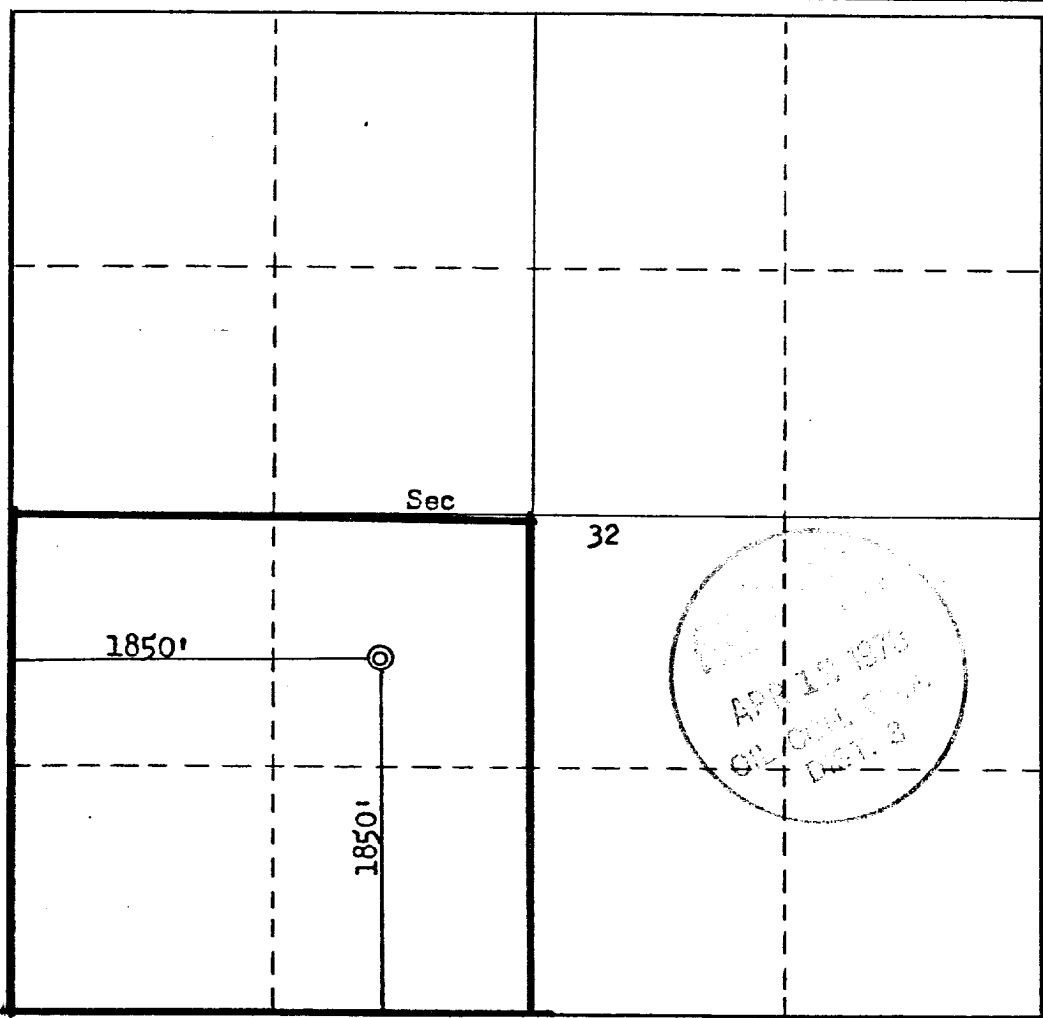
Operator ODESSA NATURAL CORPORATION		Lease ARCO-Little-Federal 32			Well No. 3
Unit Letter K	Section 32	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 7204	Producing Formation Dakota	Pool Chacon Dakota Associated Pool			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
Ewell N. Walsh, P. E.
Position
President
Company **Walsh Engineering and Production Corp.**
Date
April 10, 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
April 10 1978
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr
Fred B. Kerr, P.E.
Certificate No.
3950

