

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 Attention: John Strojek
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 1850' FSL, 1850' FWL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Not applicable

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1850'

16. NO. OF ACRES IN LEASE 2240

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. 3100'

19. PROPOSED DEPTH 7710'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7460' G.L., 7473' D.F., 7474' K.B.

22. APPROX. DATE WORK WILL START* January 15, 1980

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	250	250 Sacks
7-7/8"	4-1/2"	10.50 & 11.60	7710	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	3140'	Green horn	7272'
Cliff House	4684'	Graneros	7324'
Gallup	6300'	Dakota	7354'

The SW/4 Section 22 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 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
SIGNED _____ ORIGINAL SIGNED BY _____ TITLE President, Walsh Engin. DATE October 22, 1979
E. J. WALSH, P.E. & Production Corp.
(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

All distances must be from the outer boundaries of the Section.

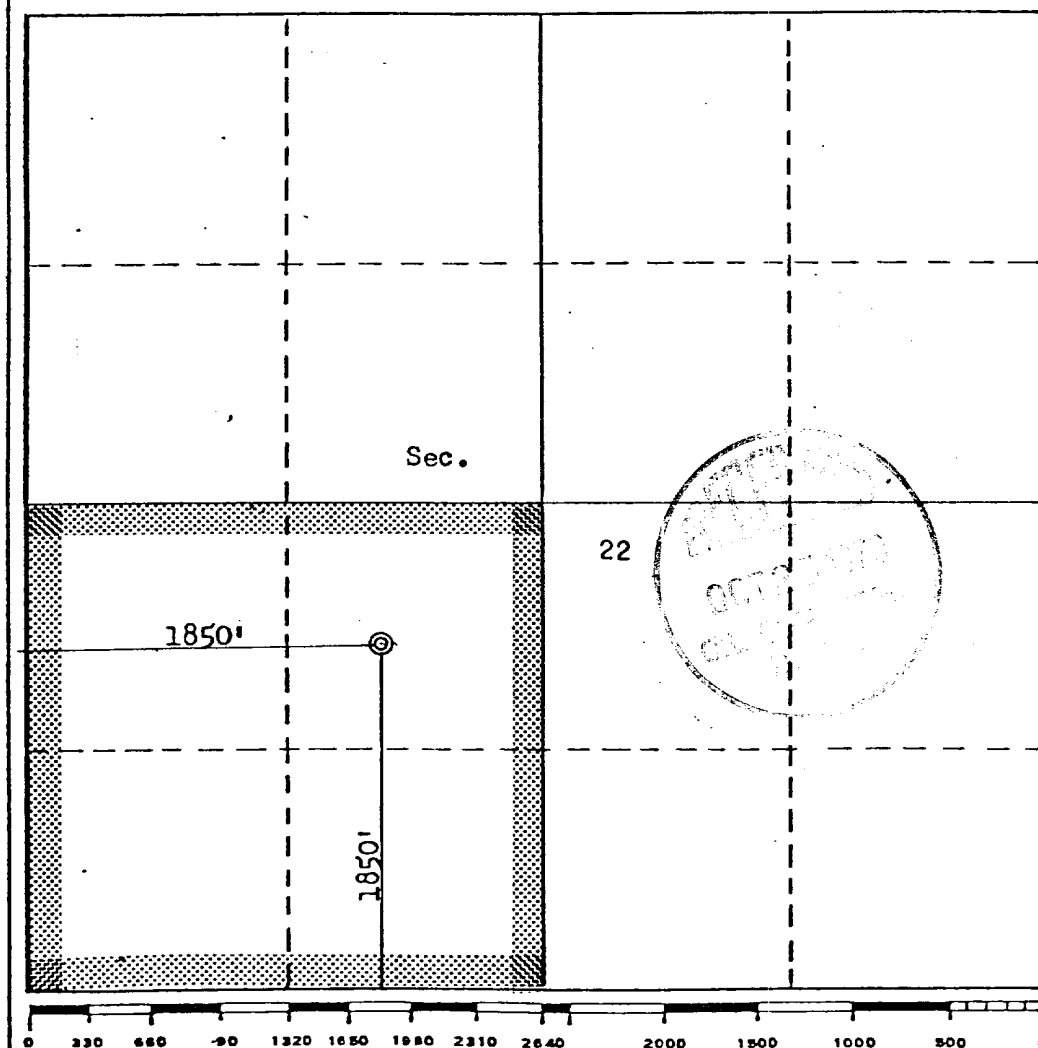
Operator ODESSA NATURAL CORPORATION			Lease CHACON JICARILLA "D"		Well No. 18
Unit Letter K	Section 22	Township 23N	Range 3W	County Sandoval	
Actual Footage Location of Wells: 1850 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 7460	Producing Formation Dakota		Pool Chacon Dakota Associated		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 **ORIGINAL SIGNED BY**
EWELL N. WALSH

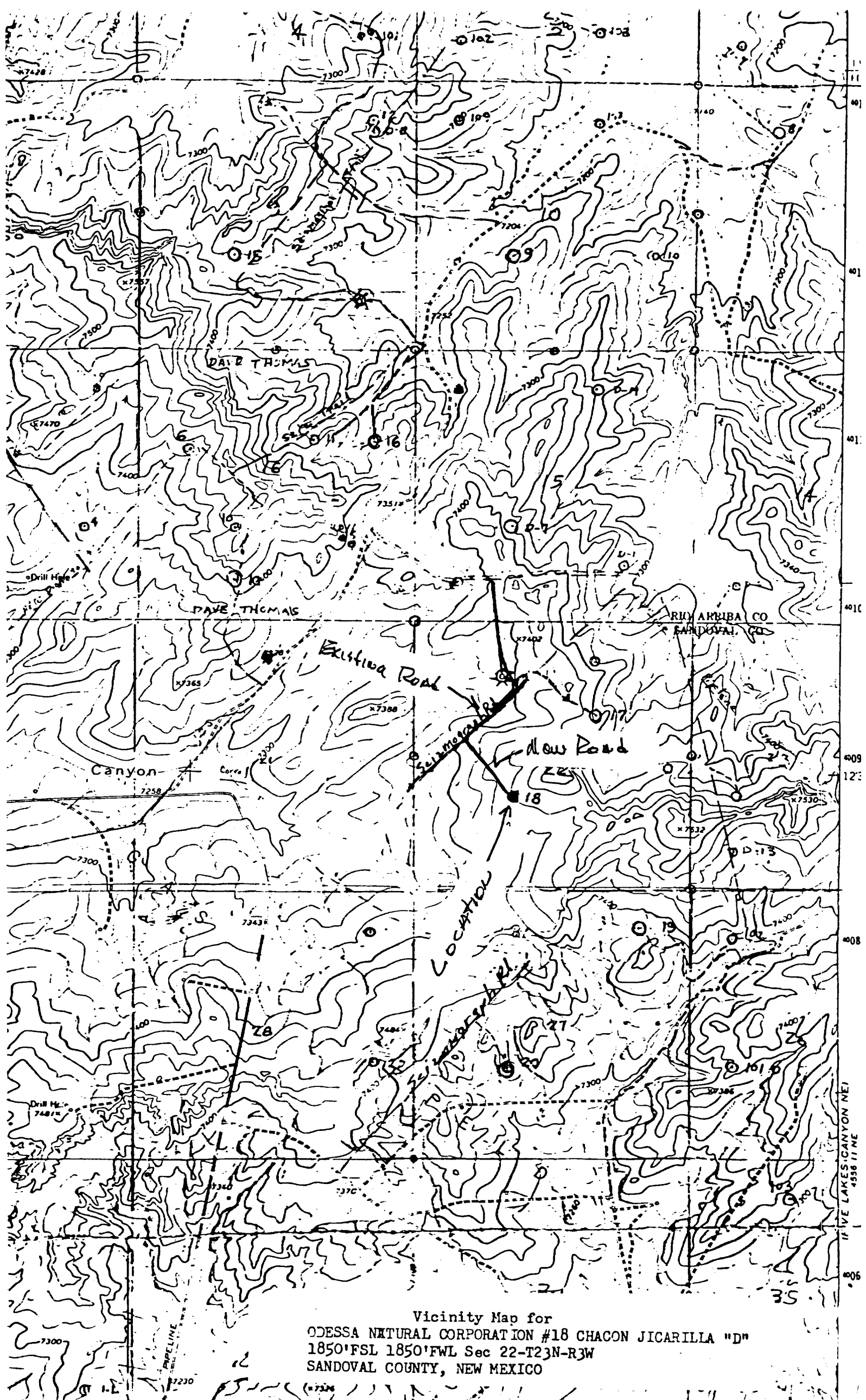
Position
Ewell N. Walsh, P.E.

Company **President**
Walsh Engr. & Prod. Corp.

Date
October 22, 1979

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
October 11, 1979
Registered Professional Engineer
and/or Land Surveyor
Fred B. Keip, Jr.
Certificate No. **3950**
MEXICO, N.M.



Vicinity Map for
ODESSA NATURAL CORPORATION #18 CHACON JICARILLA "D"
1850'FSL 1850'FWL Sec 22-T23N-R3W
SANDOVAL COUNTY, NEW MEXICO