

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

12. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. NM-02402	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR ODESSA NATURAL CORPORATION ATTN: JOHN STROJEK		8. FARM OR LEASE NAME Little Federal	
3. ADDRESS OF OPERATOR P.O. Box 3908 Odessa, Texas 79760		9. WELL NO. 2-22	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790'FSL, 1650'FEL At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated Oil Pool	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Not applicable		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32-T24N-R3W N.M.P.M.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		12. COUNTY OR PARISH 13. STATE Rio Arriba NewMexico	
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. 7680'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7144'GL, 7157'DF, 7158'KB		22. APPROX. DATE WORK WILL START* 1-15-78	
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	250'	250 sacks
7-7/8"	4-1/2"	10.50 & 11.60	7680'	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	3110'	Greenhorn	7200'
Cliff House	4680'	Graneros	7260'
Gallup	6220'	Dakota	7280'

The SE/4 Section 32 is dedicated to this well, 160 acres.
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	President, Walsh Engineering & Production Corp.	DATE 11-7-77
SIGNED: <i>Ernell N. Walsh</i>	TITLE	
(This space for Federal or State office use)		

PERMIT NO.	APPROVAL DATE
APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	DATE

NOV 9 1977

*See Instructions On Reverse Side

**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.

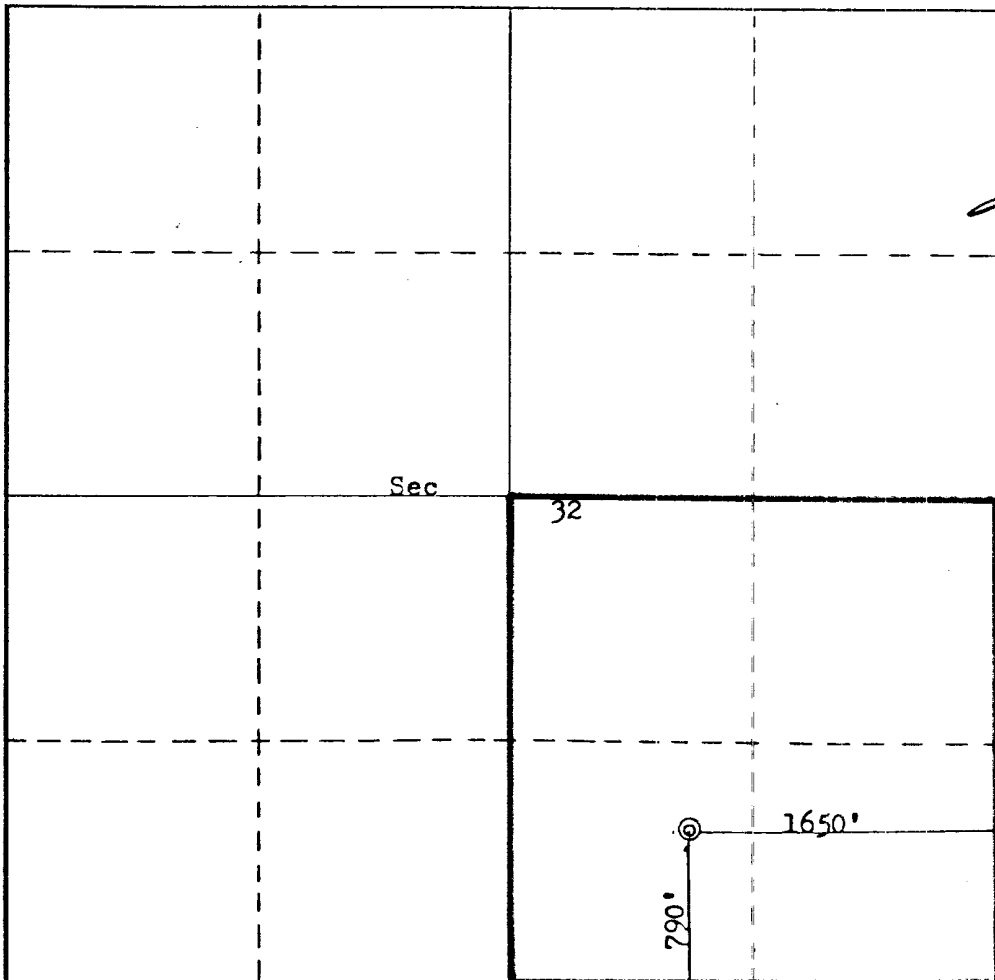
Operator Odessa Natural Corporation			Lease Little-Federal		Well No. 2-82
Unit Letter 0	Section 32	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 790' feet from the South line and 1650 feet from the East line					
Ground Level Elev. 7144	Producing Formation Dakota		Pool Chacon Dakota Associated Oil 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.

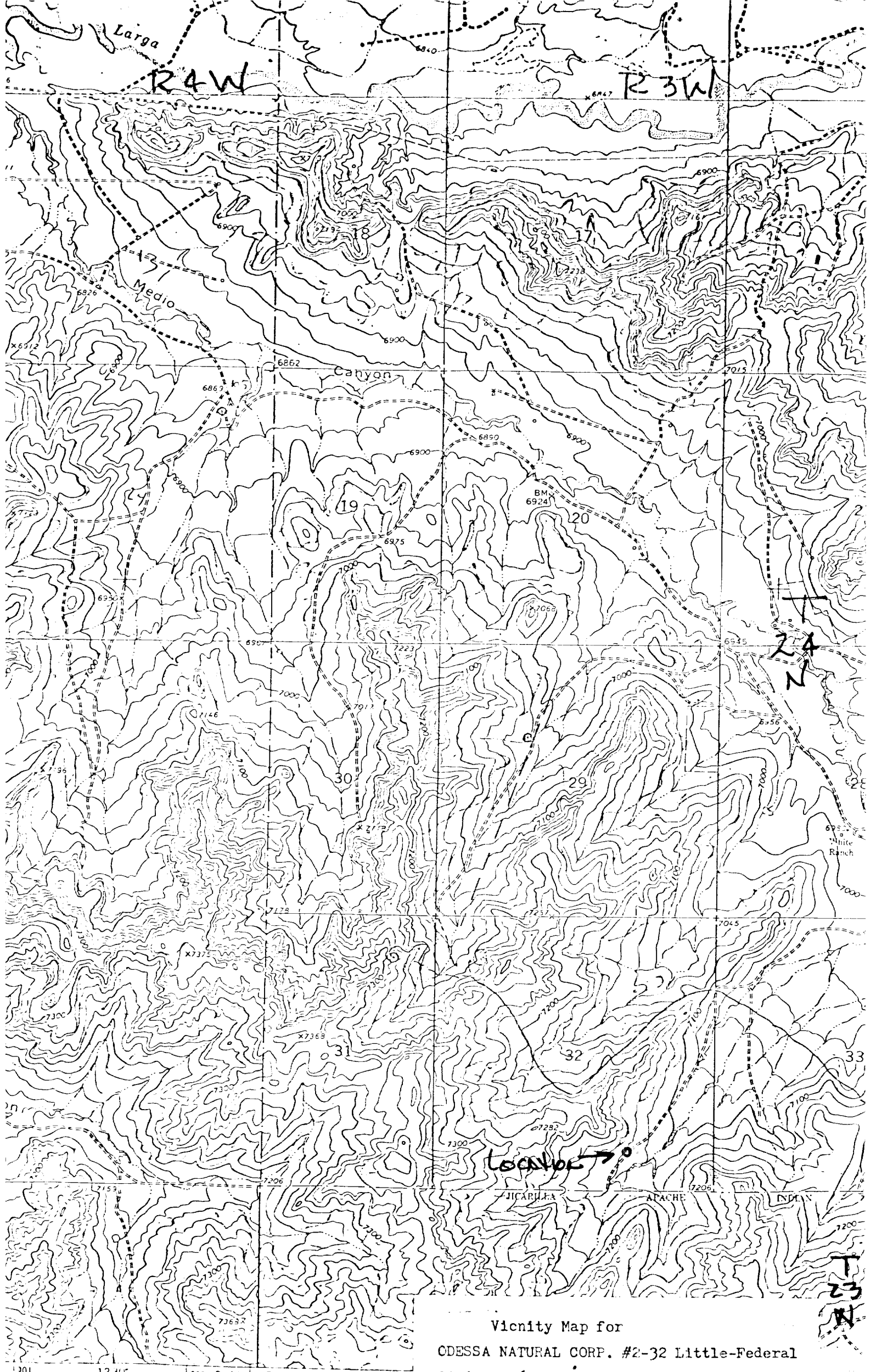
Ewell N. Walsh

Name
Ewell N. Walsh, P.E.
Position
President
Company
Walsh Engr. & Prod. Corp.
Date
11-7-77

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 22, 1977
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950



Vicinity Map for
ODESSA NATURAL CORP. #2-32 Little-Federal
790' FSL 1650' FEL Sec 32-T24N-R3W