

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-28713
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR ODESSA NATURAL CORPORATION ATTN: JOHN STROJEK		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. BOX 3908 Odessa, Texas 79760		8. FARM OR LEASE NAME Little Federal 29
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850' FNL, 1675' FWL F At proposed prod. zone		9. WELL NO. 1- 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Not applicable		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated Oil Pool
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1675'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29-T24N-R3W N.M.P.M.
16. NO. OF ACRES IN LEASE -		12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico
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. 7640'
19. PROPOSED DEPTH 7640'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7023' GL, 7036' DF, 7037' KB		22. APPROX. DATE WORK WILL START* 2-1-78

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	250'	250 Sacks
7-7/8"	4-1/2"	10.50 & 11.60	7640'	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	3070'	Greenhorn	7160'
Cliff House	4640'	Graneros	7220'
Gallup	6180'	Dakota	7240'

The NW/4 Section 29 is dedicated to this well.
The natural 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.

SIGNED Ewell N. Walsh, P.E. TITLE President, Walsh Engineering & Production Corp. DATE 11-7-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

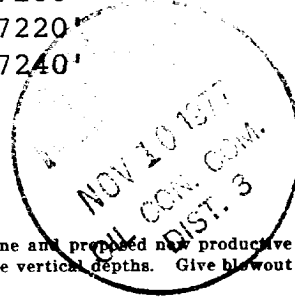
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*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
WASHINGTON, D.C.

NOV 9 1977

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**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.

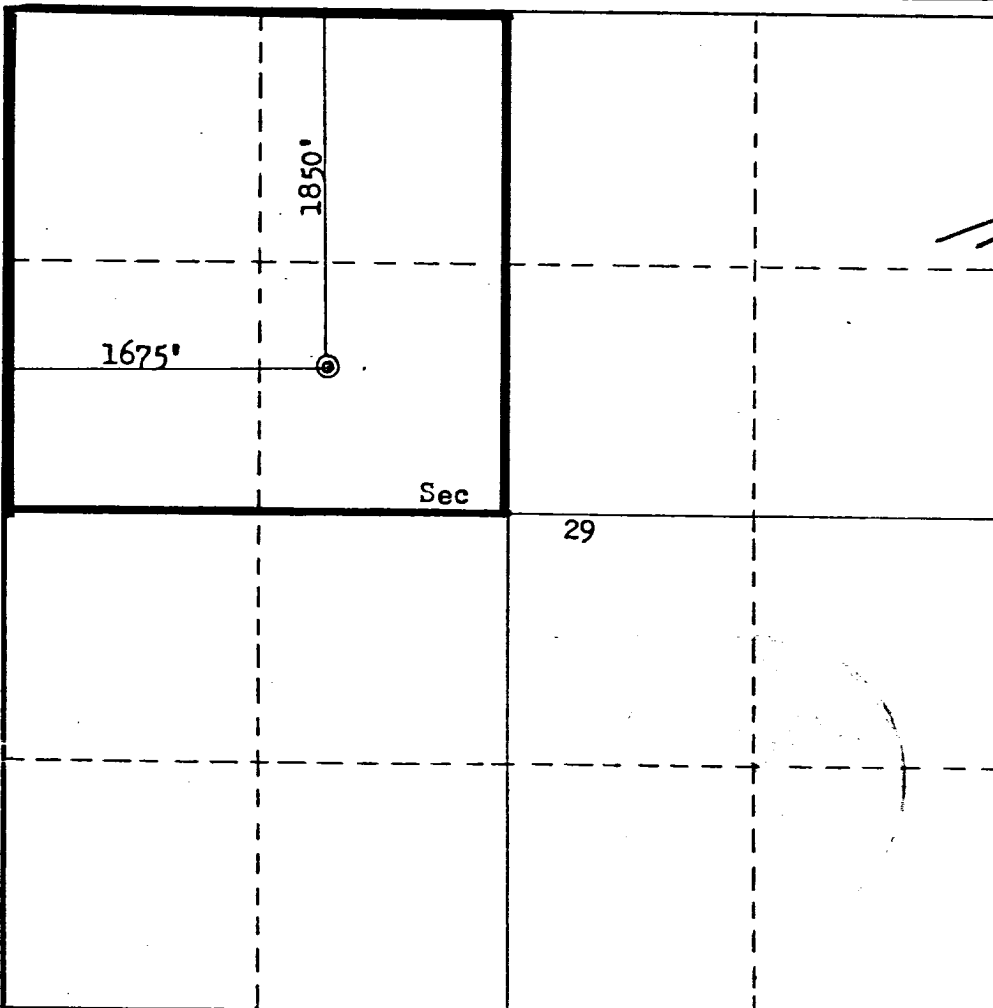
Operator Odessa Natural Corporation			Lease Little-Federal 29		Well No. 1-10
Unit Letter F	Section 29	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1675 feet from the West line					
Ground Level Elev. 7023	Producing Formation Dakota		Pool Chacon Dakota Associated Oil Pool ext		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

 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.
 Certificate No.
3950

