

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. Jicarilla Joint Venture
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Odessa Natural Corporation Att: Mr. John Strojek		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 3908, Odessa, Texas 79760		8. FARM OR LEASE NAME Jicarilla Joint Venture "PC"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL, 1850' FEL At proposed prod. zone		9. WELL NO. 108
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1850'	16. NO. OF ACRES IN LEASE -----	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-T23N-R3W N. M. P. M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3155'	12. COUNTY OR PARISH 13. STATE Rio Arriba N. M.
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7165' GR		17. NO. OF ACRES ASSIGNED TO THIS WELL 160
22. APPROX. DATE WORK WILL START* 6-1-78		20. ROTARY OR CABLE TOOLS Rotary
23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
12-1/4"	8-5/8"	24.0
7-7/8"	4-1/2"	10.50
		SETTING DEPTH
		120
		3155
		QUANTITY OF CEMENT
		100 sacks
		150 sacks

It is proposed to drill the following well using drilling mud as a circulation medium. All possible producing intervals in the Pictured Cliffs Formation will be perforated for completion.

Estimated Formation Tops

Ojo Alamo
Kirtland

2643'
2690'

Pictured Cliffs
Lewis

3005'
3120'

The SE/4 of Section 3. is dedicated to this well.

The 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.

24.

SIGNED

Ewell N. Walsh, P. E.

(This space for Federal or State office use)

President, Walsh Engineering

TITLE & Production Corp.

DATE

April 7, 1978

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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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.

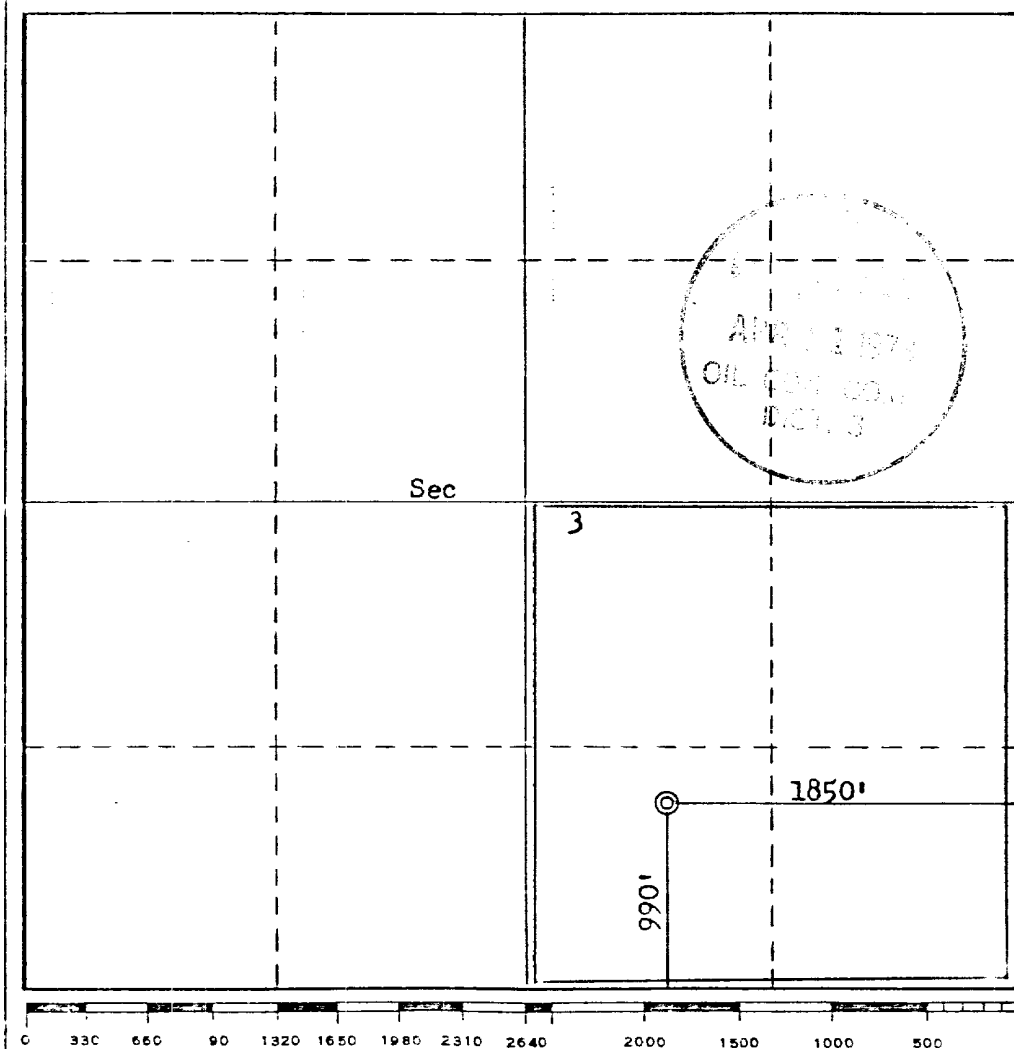
Operator Odessa Natural Corporation			Lease Jicarilla Joint Ventures PC		Well No. 108
Unit Letter 0	Section 3	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 990 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 7165	Producing Formation Pictured Cliffs	Pool Ballard Pictured Cliffs	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, P. E.

Position

President

Company **Walsh Engineering & Prod. Corp.**

Date

April 7, 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

March 21, 1978

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.

Certificate No.

3950



Vicinity Map for
ODESSA NATURAL CORP. #108 Jicarilla Joint Ventures PC
990' FSL 1850' FEL Sec 3-T23N-R3W
Rio Arriba County, New Mexico