

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21442

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.		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
2. NAME OF OPERATOR ODESSA NATURAL CORPORATION			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 3908, Odessa, Texas 79760			8. FARM OR LEASE NAME Jicarilla Joint Venture "KD"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL, 1850' FEL At proposed prod. zone same			9. WELL NO. 6		
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) 1850'		16. NO. OF ACRES IN LEASE 1920		17. NO. OF ACRES ASSIGNED TO THIS WELL 160 Ac.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3700'		19. PROPOSED DEPTH 7465'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7151' GR, 7164' DF, 7165' KB				22. APPROX. DATE WORK WILL START* 9-20-77	

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	7465'	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 well be cemented in such a manner as to protect the Pictured Cliffs formation.

Estimated Formation Tops

Pictured Cliffs	2995'	Greenhorn	7085'
Cliff House	4564'	Graneros	7145'
Gallup	6105'	Dakota	7165'

The SE 1/4 Section 3 is dedicated to this well.
Natural Gas from this well is not 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. Ewell N. Walsh, P.E. President, Walsh Engineering & Production Corp. DATE 6-23-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

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

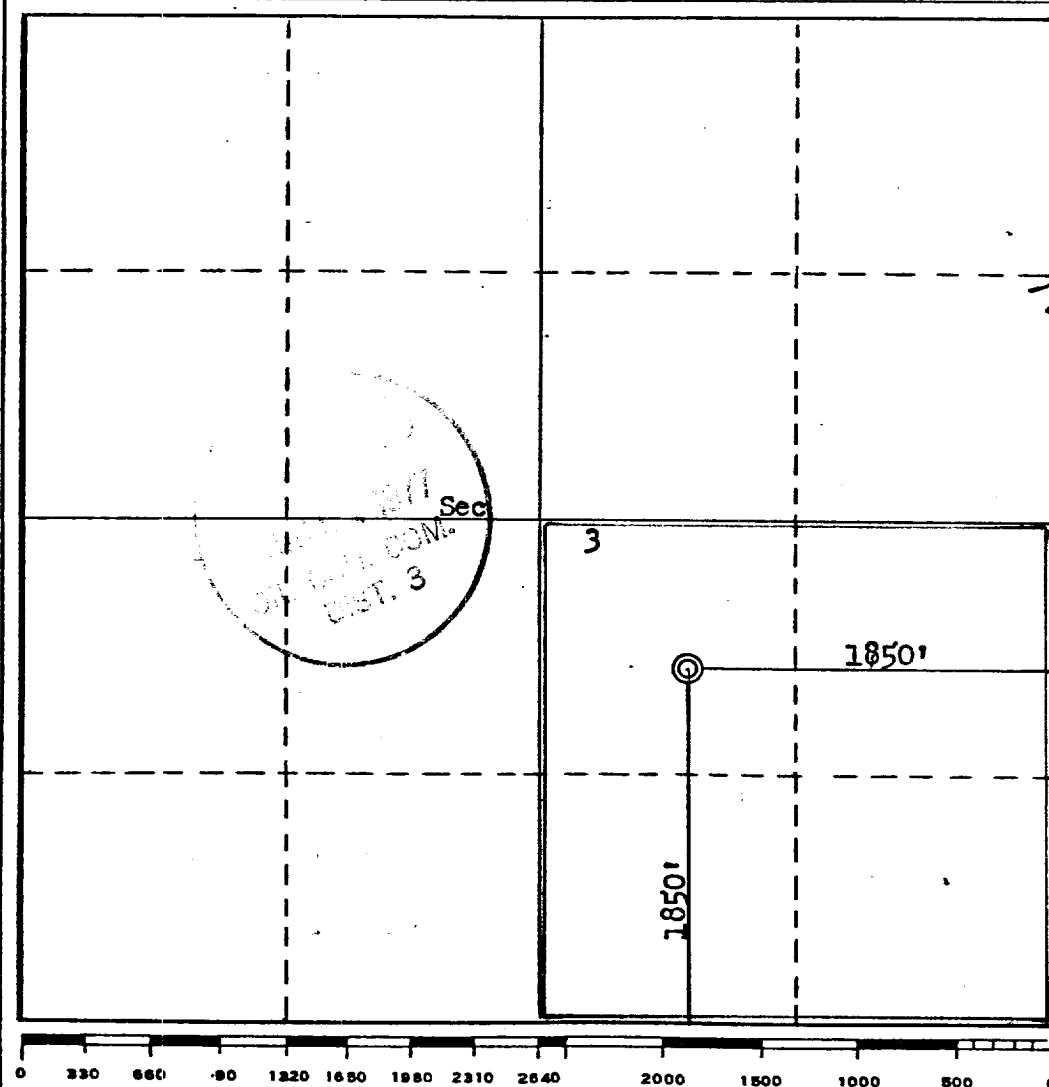
Operator Odessa Natural Corporation			Lease Jicarilla Joint Venture "KD" Lease		Well No. 6
Unit Letter J	Section 3	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well:					
1850		feet from the South	line and	1850	feet from the East
Ground Level Elev. 7151	Producing Formation Dakota		Pool Chacon Dakota Associated Oil Pool <i>ex</i>		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*
Position: **Ewell N. Walsh, President, Walsh**
Company: **Engineering & Production Corporation**
Date: **June 23, 1977**

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 29, 1977**
Registered Professional Engineer and/or Land Surveyor:
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3950**

