

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 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 Jicarilla Apache	
2. NAME OF OPERATOR ODESSA NATURAL CORPORATION ATT: John Strojek		7. UNIT AGREEMENT NAME Jicarilla Apache	
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' FWL (NE/4 SW/4 - Unit K) At proposed prod. zone Same		9. WELL NO. 9	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Not applicable		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated Pool	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 1850'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10-T23N-R3W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1580'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE -----		13. STATE NM	
19. PROPOSED DEPTH 7618		17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 11-1-79	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7238' GL, 7251' DF, 7252' KB			

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	7618	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	3066'	Green horn	7146'
Cliff House	4653'	Graneros	7212'
Gallup	6178'	Dakota	7231'

The SW/4 Section 10 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

Ewell N. Walsh, P.E.

TITLE

President, Walsh Engin. & Prod. Corp. DATE August 17, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 20 1979

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

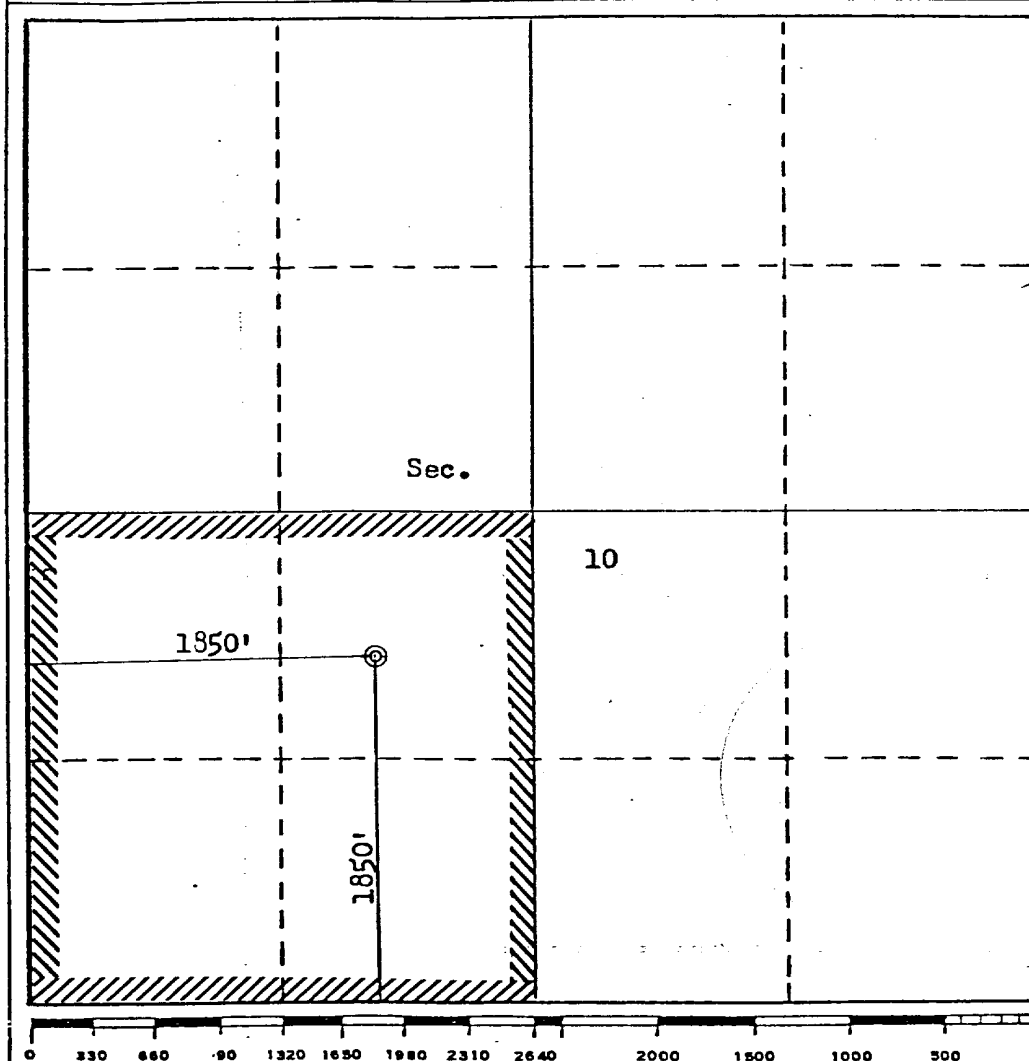
Operator ODESSA NATURAL CORPORATION			Lease JICARILLA JOINT VENTURES "KD"		Well No. 9
Unit Letter K	Section 10	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 7238	Producing Formation Dakota		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 *Ewell N. Walsh*
Position **Ewell N. Walsh, P.E.**
President
Company **Walsh Engineering & Production Corp.**
Date **August 17, 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 **August 30, 1979**
Registered Professional Engineer and/or Land Surveyor
[Signature]
Fred B. Kerr Jr.
Certificate No. **3950**

