

PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES

**WALSH**  
**ENGINEERING & PRODUCTION**  
**CORPORATION**

EXECUTIVE BLDG. - 413 W. MAIN  
P. O. BOX 254  
FARMINGTON, NEW MEXICO  
87401

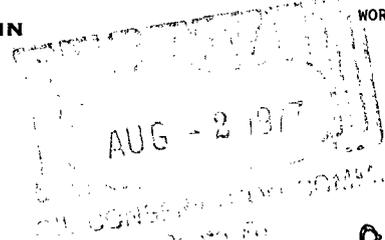
LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

TELEPHONE 325-8203

EWELL N. WALSH, P.E.  
President

July 28, 1977

Mr. J. D. Ramey, Secretary-Director  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501



*NSL - 876*  
*Rule 2-19 R 5353*

Ref: Odessa Natural Corp., Operator  
Jicarilla Joint Venture "KD", No. 4  
Unit F-Sec. 4-T23N-R3W  
Rio Arriba County, New Mexico

Dear Mr. Ramey:

*Please upon Receipt of Approval by log...*

This is a request on behalf of the above-referred-to operator for approval for an unorthodox location. (Standard location - not closer than 790' to any quarter section line, nor closer than 330' to any quarter-quarter section line or subdivision line.) It is proposed to drill the unorthodox location due to the following.

1. Topography - An orthodox location would be 1850' FNL, 1850' FWL, and would put the location on a ridge. This would cause the location to be more expensive to prepare.
2. Trees - Drilling of the proposed unorthodox location would prevent the necessity of destroying additional trees. The Bureau of Indian Affairs did request that as few trees be destroyed as possible.
3. The location was staked and all inspections performed, Archaeological, Bureau of Indian Affairs and Geological Survey, with approval of the location.

The location was staked and the above-approved inspections performed prior to the Order No. 5353-B, which concerns the Chacon Dakota Associated Pool Area. Prior to the issuance of the order, the location was an orthodox location.

Attached, you will find a copy of the following.

1. Plat indicating the ownership of leases offsetting the proration unit, NW/4-Sec. 4-T23N-R3W.

Mr. J. D. Ramey  
July 28, 1977

2. Well location and acreage dedication plat.
3. Topography map indicating the proposed position of the well and the ridge to the Northwest of the proposed well.

Odessa Natural Corporation has the lease covering all of Section 4-T23N-R3W and all of Section 33-T24N-R3W. At the present time, Section 5-T23N-R3W is not leased.

Your consideration and cooperation in this matter are greatly appreciated.

Very truly yours,



Ewell N. Walsh, P. E.  
President

ENW:ea

Enclosures

cc: NMOCC, Aztec, N.M. w/encl.  
Odessa Natural Corp. w/encl.  
USGS, Durango, Colo. w/encl.  
Dave M. Thomas, Jr., w/encl.  
Harold TeCube, BIA, Dulce, N.M. w/encl.  
Thurman Velarde, Oil and Gas Supervisor, Jicarilla Tribe  
w/encl.

Arco Fed.

Shipley ONC

Unleased

ONC

ONC  
3 R3W

6

AMOCO  
72-1

*4 Locations*

1

6

Jic. Joint Venture KD

ONC D-8

Jic. Joint Venture KD

ONC

T  
23  
N

U.S.S.R.  
138-1

THOMAS  
D-4

5

AMERADA  
1-4

AMERADA  
1-6

THOMAS D-5

Jic. Joint Venture KD

THOMAS  
D-3

THOMAS  
D-2

AMERADA  
1-5

O.N.C.  
D-2

O.N.C.  
D-1

AMERADA  
1-3

COUNTY

COUNTY

CHACE  
1-15

O.N.C. D-7

O.N.C.  
D-4

O.N.C.  
D-3

THOMAS  
D-1

3-15

4-15

2-15

O.N.C.  
D-6

O.N.C.  
D-5

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

UG - 2 1977

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

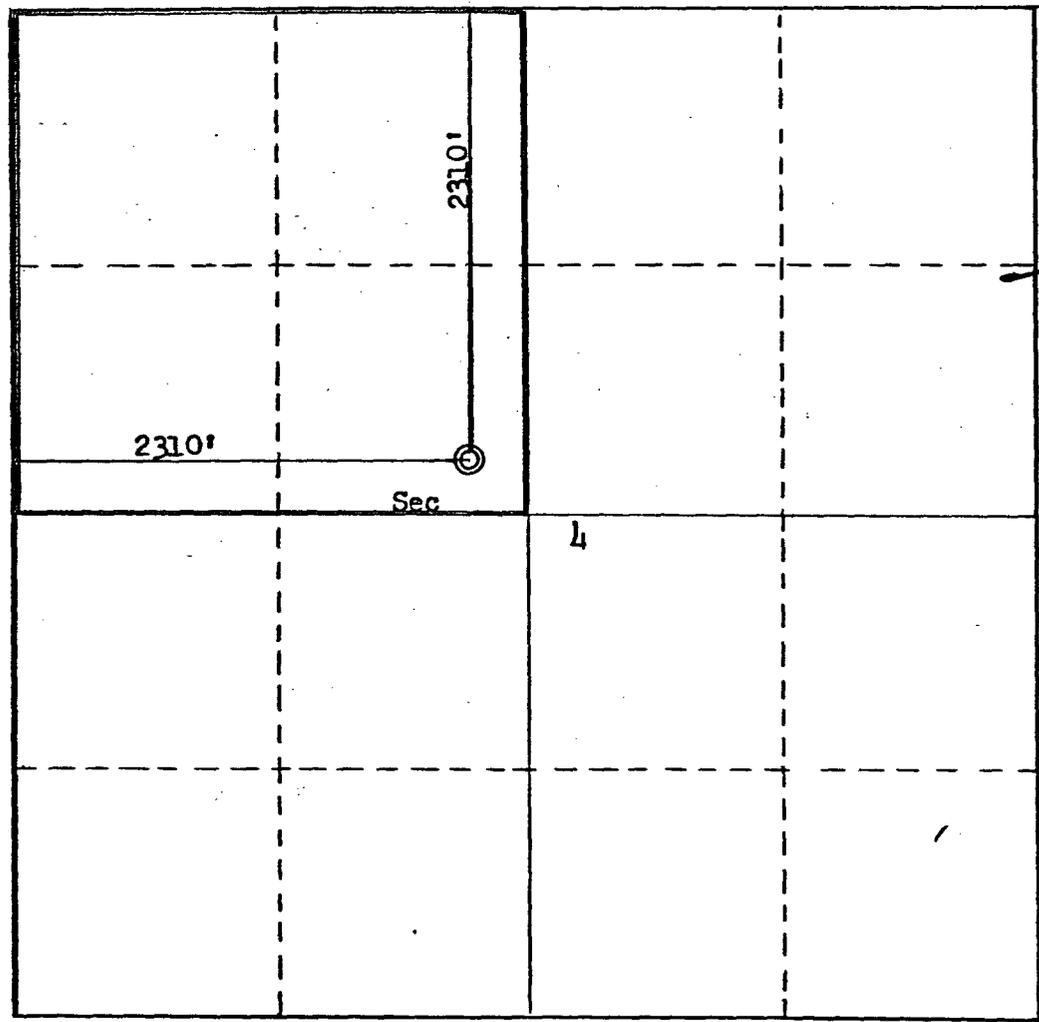
Operator <b>Odessa Natural Corporation</b>		Lease <b>Jicarilla Joint Venture "KD" Lease</b>		Well No. <b>4</b>
Unit Letter <b>F</b>	Section <b>4</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>2310</b> feet from the <b>North</b> line and <b>2310</b> feet from the <b>West</b> line				
Ground Level Elev. <b>7200</b>	Producing Formation <b>Dakota</b>	Pool <b>Chacon Dakota Associated Oil Pool</b>	Dedicated Acreage <b>160</b> 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

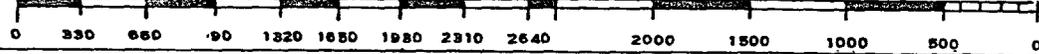
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

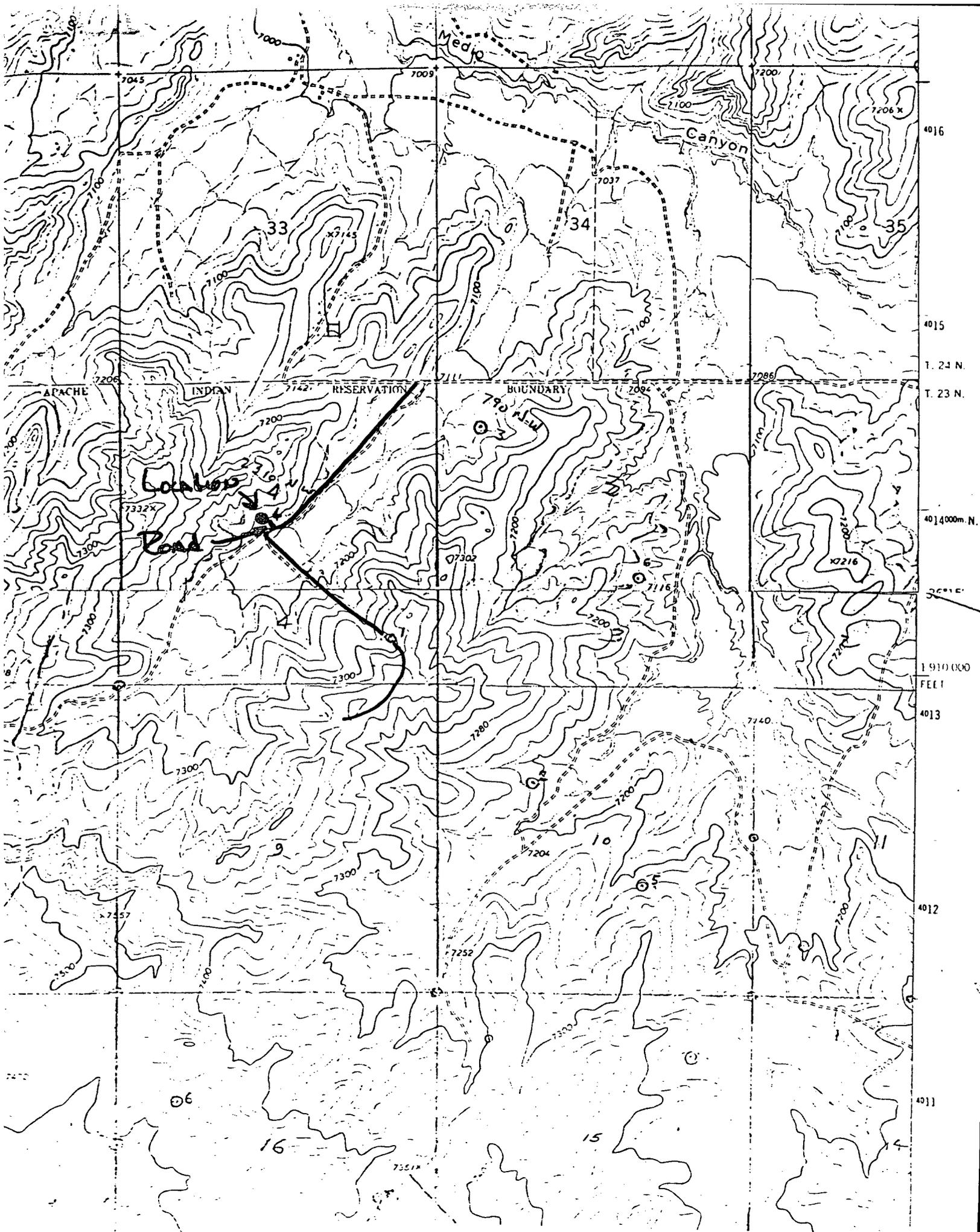
For: Odessa Natural Corp.

Name: *Ewell N. Walsh*  
 Position: **Ewell N. Walsh, P.E. President**  
 Company: **Walsh Engineering & Production Corp.**  
 Date: **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**



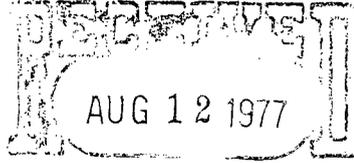


A Vicinity Map for  
ORSSA NATURAL CORP. # L Jicarilla Joint Venture UMAP 100

OIL CONSERVATION COMMISSION  
Uytee DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 8-10-77



OIL CONSERVATION COMM  
Santa Fe

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL  \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 7-28-77  
for the Odessa Nat. Corp. Joe Joint Venture KD #4  
Operator Lease and Well No. Unit, S-T-R  
F-4-23N-3W

and my recommendations are as follows:

There are similar topography and trees  
at standard locations. The well was  
staked and the location was approved by  
the BIA, Tribe, archeologist and USGS prior  
to the rule change in footage.

Yours very truly,

AR Kendrick