

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

EWELL N. WALSH, P.E.
President

TELEPHONE 325-8203

July 28, 1977

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

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:

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
O³ R3W

6

AMOCO
72-1

O⁴ Location

Jic. Joint Venture KD

ONC D-8

Jic. Joint Venture KD

ONC

O⁶

T

23

N

U.S.S.R.
138-1

THOMAS
D-4

O²

O⁵

AMERADA
1-4

O

AMERADA
1-6

O

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

CHAGE
1-15

O.N.C. D-7

O.N.C.
D-4

O.N.C.
D-3

THOMAS
D-1

O
3-15

O
4-15

O
2-15

O.N.C.
D-6

O.N.C.
D-5

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT AUG - 2 1977

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

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

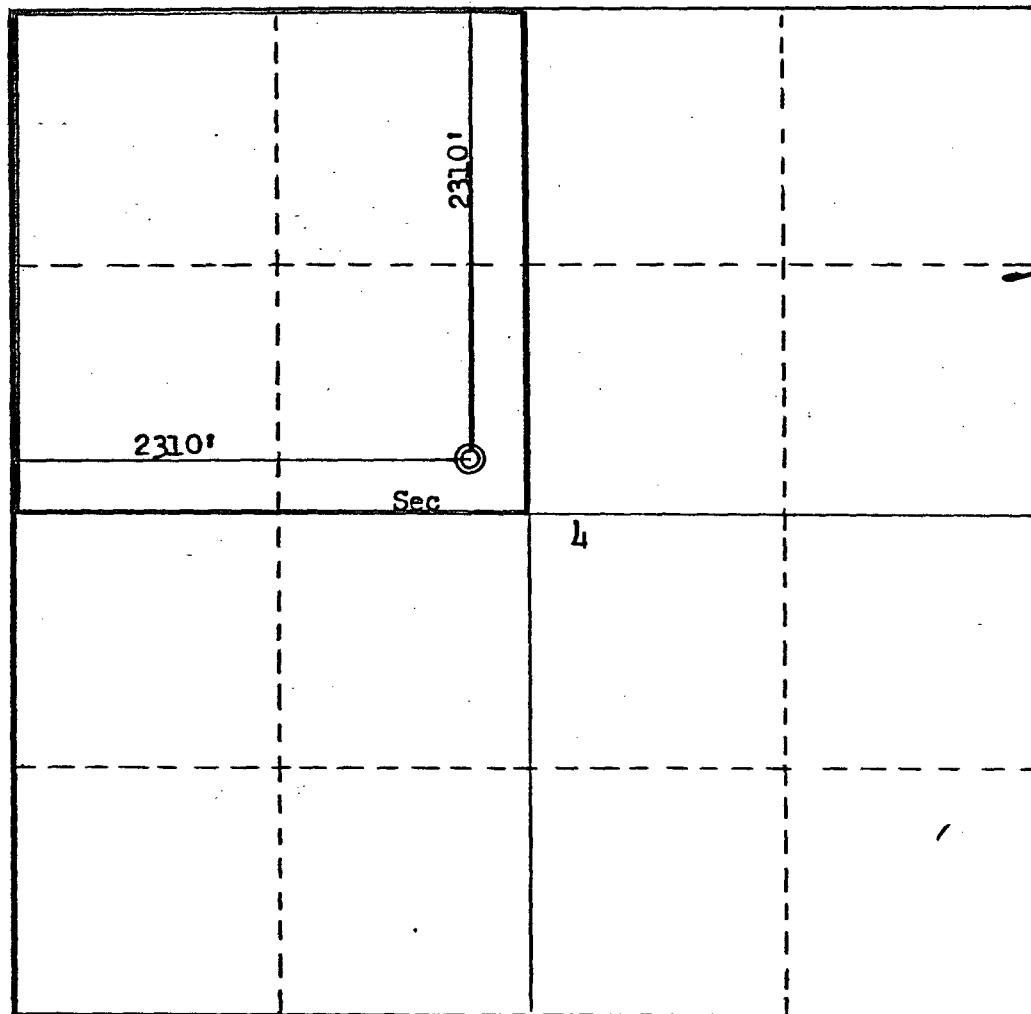
Operator Odessa Natural Corporation			Lease Jicarilla Joint Venture "KD" Lease		Well No. 4
Unit Letter F	Section 4	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 2310 feet from the North line and 2310 feet from the West line Ground Level Elev. 7200 Producing Formation Dakota Pool Chacon Dakota Associated Oil Pool 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 **June 23, 1977**

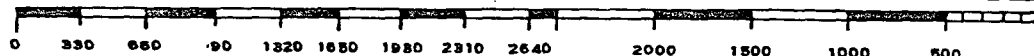
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

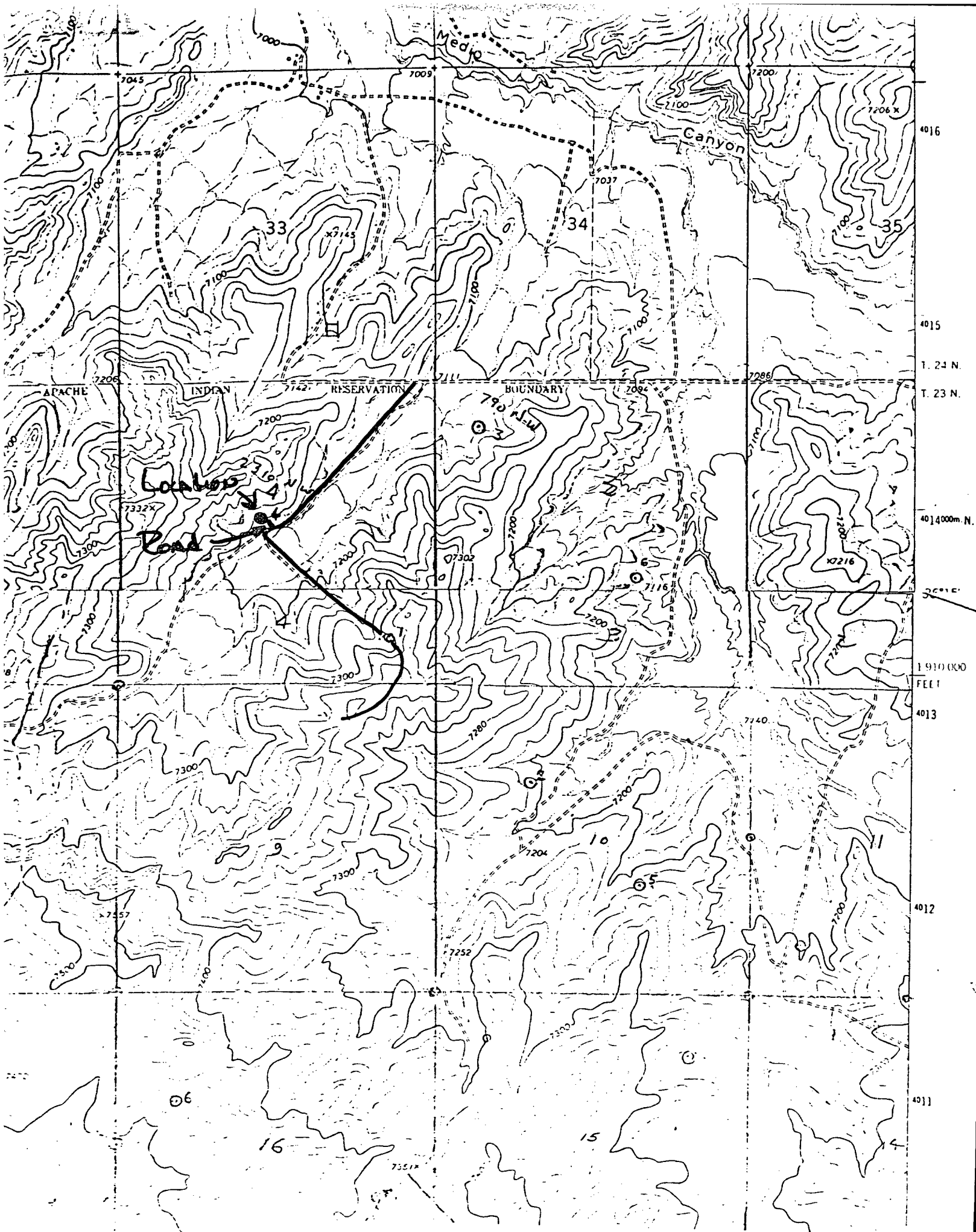
Date Surveyed **March 29, 1977**

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3950**



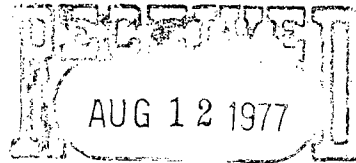


A Vicinity Map for
ORSSA NATURAL CORP. # L Jicarilla Joint Venture with

OIL CONSERVATION COMMISSION
Antee 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 Hendrick