

Walsh

ENGINEERING & PRODUCTION CORP.

PETROLEUM ENGINEERING
RESERVOIR STUDIES
EVALUATIONS
GEOLOGICAL STUDIES
LEASE MANAGEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WORKOVER SUPERVISION

EWELL N. WALSH, P.E.
President

August 17, 1978

Mr. A.R. Kendrick, District Supervisor
N.M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Odessa Natural Corporation
Jicarilla Joint Venture "PC" 109
Unit D, Sec. 10-T23N-R3W
Rio Arriba County, New Mexico

Dear Mr. Kendrick:

The following deviation surveys were obtained on the
above-referred-to well:

| <u>Depth</u> | <u>Deviation-Degree</u> |
|--------------|-------------------------|
| 136 | 1/4 |
| 2142 | 3/4 |
| 2535 | 1/2 |
| 3181 | 3/4 |

Very truly yours,



Ewell N. Walsh, P.E.
President

STATE OF NEW MEXICO) ss
COUNTY OF SAN JUAN)

Sworn to before me this
17th day of August, 1978



OFFICIAL SEAL

Notary Becky L. Kaine

NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State

My Commission Expires: March 16, 1982