

# 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

## HOLE DEVIATION AFFIDAVIT

Operator: Petroleum Corporation of Texas  
Well Name: Federal ~~2~~, No. 1-R  
Description of Lease: 1030'FSL, 1810'FEL,  
Section 21, T25N-R9W  
San Juan County, New Mexico

| <u>FROM</u> | <u>TO</u> | <u>DEVIATION</u> |
|-------------|-----------|------------------|
| -0'         | 280'      | 1/4°             |
| 280'        | 815'      | 1/4°             |
| 815'        | 1338'     | 1/2°             |
| 1338'       | 1802'     | 3/4°             |
| 1802'       | 2847'     | 1/4°             |
| 2847'       | 3438'     | 1/2°             |
| 3438'       | 3920'     | 3/4°             |
| 3920'       | 4536'     | 1°               |
| 4536'       | 5086'     | 1°               |
| 5086'       | 5547'     | 3/4°             |
| 5547'       | 6590' TD  | 1 1/2°           |



I hereby swear or (affirm) that the statements made are a full and correct report.

Walsh Engineering & Production Corp.

Dewayne Blancett  
Dewayne Blancett  
Production Foreman

SWORN TO AND SUBSCRIBED BEFORE ME by Dewayne Blancett, Production Foreman  
for Walsh Engineering and Production Corp., this 13th day of February, 1981.  
To certify which witness my hand and seal



OFFICIAL SEAL  
Signature: Becky L. Kaime  
BECKY L. KAIME  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires: March 16, 1982