

TANOE DRILLING CO.

PHONE (915) 697-4173

4402 W. INDUSTRIAL

MIDLAND, TEXAS 79703

Well Name & Number CARLSON FEDERAL #2 *CARLSON-FEDERAL* *FEDERAL*

Operator DOYLE HARTMAN, BOX 10426, MIDLAND, TEXAS 79702

Location SEC. 22, 25, 27

County LEA COUNTY, NEW MEXICO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well, and that he has conducted deviation tests and obtained the following results:

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
225	225	1/2	0.87	1.95	1.95
412	187	1/2	0.87	1.62	3.57
906	494	1/2	0.87	4.29	7.86
1302	396	3/4	1.31	5.18	13.04
1800	498	1	1.75	8.71	21.75
2300	500	3	5.23	26.15	47.90
2420	120	4	6.98	8.37	56.27
2517	97	4	6.98	6.77	63.04
2620	103	4	6.98	7.18	70.22
2714	94	3 1/2	6.10	5.75	75.95
2860	146	3	5.23	7.63	83.58
3010	150	2 3/4	4.80	7.20	90.78
3396	386	2	3.49	13.47	104.25
3650	254	1 3/4	3.05	7.74	111.99

Drilling Contractor: Tanoe Drilling Company

By: *J. C. H.*

Subscribed and sworn to before me this 3rd day of Sept. 1985.

Diane D. Hurst

Notary Public

Commission Expires: 9-17-88

Midland County, Texas

OIL CONSERVATION DIVISION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

NOTICE OF GAS CONNECTION

DATE: 1-17-86

This is to notify the Oil Conservation Division that connection for the

purchase of gas from the Doyle Hartman OPERATOR

Carlson Harrison Fed. Com. #4,
LEASE & WELL

Lea, 22-25-37
COUNTY UNIT S-T-R

Jalmat,
POOL

El Paso Natural Gas Company
NAME OF PURCHASER

was made on October 18, 1985,
DATE

42638-5-01
SITE CODE & SITE WELL NUMBER

This well was not delivered until 1986.

EL PASO NATURAL GAS COMPANY
PURCHASER


Robert Patterson - Representative

Systems Dispatching Production
Coordinator - Tital

c: Oil Conservation Division
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501
Production Control - M/O
Gas Purchases - M/O
Operator
Earl Smith - Production Jal
Charlie Annett - Midland
Joe Robinson - Jal
Eunice Field Lines
Jal Field Lines
Bill Cranford - Jal
Carl Frymire - Jal
File