

WELL NAME AND NUMBER Fannie Lou Fed #1 Rig #3 111-19611

LOCATION 1980/N & E Sec. 31, T20S, R29E, Eddy Co., New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Co.

DRILLING CONTRACTOR MORANCO

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:

| Degrees and Depth | | Degrees and Depth | | Degrees and Depth | | Degrees and Depth | |
|-------------------|------|-------------------|------|-------------------|-------|-------------------|--|
| 1/2 | 257 | 3/4 | 4962 | 1/2 | 10363 | | |
| 3/4 | 695 | 1 | 5435 | 1/2 | 10685 | | |
| 1 | 894 | 3/4 | 5690 | 1/4 | 11015 | | |
| 3/4 | 1144 | 1 | 6034 | 1/2 | 11470 | | |
| 3/4 | 1395 | 1 | 6381 | 1 | 11900 | | |
| 1 | 1866 | 3/4 | 6845 | 1 1/4 | 12342 | | |
| 1/2 | 2344 | 3/4 | 7358 | 4 | 12810 | | |
| 1/4 | 2775 | 3/4 | 7830 | | | | |
| 3/4 | 3250 | 1/2 | 8145 | | | | |
| 1 | 3604 | 1 1/4 | 8807 | | | | |
| 1/2 | 4047 | 3/4 | 9345 | | | | |
| 3/4 | 4521 | 1 | 9845 | | | | |

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DEC 2 1975

O. C. C.
ARTESIA, OFFICE

Drilling Contractor MORANCO

By K. D. McPeters
K. D. McPeters, Vice President

Subscribed and sworn to before me this 26 day of November 1975

My Commission expires:

April 1, 1978

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Notary Public

Lea County, New Mexico

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO