

WELL NAME AND NUMBER Terra Federal #1

LOCATION Section 22, T25S, R37E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

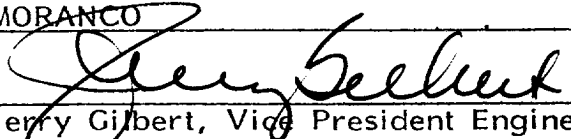
OPERATOR Morris R. Antweil

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:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 150</u>	<u>3 2540</u>	<u> </u>	<u> </u>
<u>1/2 400</u>	<u>2 3/4 2726</u>	<u> </u>	<u> </u>
<u>1/4 611</u>	<u>2 1/4 2819</u>	<u> </u>	<u> </u>
<u>1/2 921</u>	<u>2 3/4 2942</u>	<u> </u>	<u> </u>
<u>1/4 1234</u>	<u>2 3/4 2990</u>	<u> </u>	<u> </u>
<u>1/2 1450</u>	<u>3 3099</u>	<u> </u>	<u> </u>
<u>1 1669</u>	<u>2 1/4 3156</u>	<u> </u>	<u> </u>
<u>1 1/2 1762</u>	<u>2 1/4 3334</u>	<u> </u>	<u> </u>
<u>1 3/4 2043</u>	<u> </u>	<u> </u>	<u> </u>
<u>2 1/4 2228</u>	<u> </u>	<u> </u>	<u> </u>
<u>2 3/4 2353</u>	<u> </u>	<u> </u>	<u> </u>
<u>2 3/4 2447</u>	<u> </u>	<u> </u>	<u> </u>

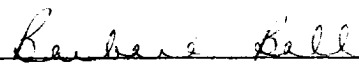
Drilling Contractor MORANCO

By 
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 3rd day of March 1981

My Commission expires:

September 23, 1984


Notary Public
Lea County, New Mexico

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N.M.O.C.D. COPY
SUBMIT IN TR (Other instructions on reverse side)CATE*
on reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-063261

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Terra Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Langlie-Mattix

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 22, T25S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

MAY 1 1981

2. NAME OF OPERATOR

MORRIS R. ANIWEIL

U.S. GEOLOGICAL SURVEY

3. ADDRESS OF OPERATOR

P. O. Box 2010 Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL & 2310' FWL Sec. 22, T25S, R37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3087' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Completion

REPAIRING WELL

ALTERING CASING

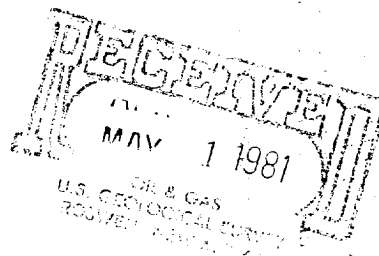
ABANDONMENT*

X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Fracture treated perfs with 40,000 gals 50-50 gelled water & CO₂ containing 72,000# sand. Average treating rate 20 b/m w/2100 psi. Max Pressure 2460 psi. ISIP 1180 psi 15-min SIP 600 psi. Left shut-in 1 hr. Flowed back load. Flow tested 100 BOPD + 5% water w/50 psi FTP thru 3/4" choke. Prep to potential test.



18. I hereby certify that the foregoing is true and correct

SIGNED

Rm Williams

TITLE

Agent

DATE

28 April 81

(This space for Federal or State official use)

RECORDED

APPROVED BY
CONDITIONS OF

PETER W. CHESTER

TITLE

DATE

MAY 1 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side