

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Re-entry

2. NAME OF OPERATOR

Southern Union Expl. of Texas

3. ADDRESS OF OPERATOR

1217 Main Street, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface Unit Letter "D" 660' FNL & 530' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPUNDED

3-22-58

16. DATE T.D. REACHED

4-8-58

17. DATE COMPL. (Ready to prod.)

8-21-81

18. ELEVATIONS (DF, EKB, RT, GR, ETC.)\*

6730' GL

19. ELEV. CASINGHEAD

6733'

20. TOTAL DEPTH, MD & TVD

5550'

21. PLUG BACK T.D., MD & TVD

5543'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5198'-5524': Gallop

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Correlation, Spectra logs & GR/CBL/CCL/CNL

27. WAS WELL TOOKEN

Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD    |
|-------------|-----------------|----------------|-----------|---------------------|
| 9 5/8"      | 32.3            | 285'           | 12 1/4"   | 300sx - circulated  |
| 5 1/2"      | 14              | 5549'          | 7 7/8"    | 300sx - Top @ 3850' |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 5499           | -               |

31. PERFORATION RECORD (Interval, size and number)

Previous Perfs: 5434'-56' & 5512'-24' (4SPF)

New Perfs: 5440'-58' & 5510'-24' (1SP2F)

5198'-210', 5298'-310', 5316'-28'

5334'-40' & 5402'-06' (1SP2F)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 5434'-5524'         | 500 gals.-10% acetic acid        |
|                     | Frac w/37,000# of 20/40          |
|                     | sand and 28,995 gals. of foam    |
|                     | 500 gals.-10% acetic acid        |

33.\* PRODUCTION

(SEE ATTACHED)

DATE FIRST PRODUCTION

8-23-81

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST

9-10-81

HOURS TESTED

24

CHOKE SIZE

3/4"

PROD'N. FOR TEST PERIOD

OIL—BBL.

50

GAS—MCF.

80

WATER—BBL.

30

GAS-OIL RATIO

1600

FLOW. TUBING PRESS.

0

CASING PRESSURE

790

CALCULATED 24-HOUR RATE

OIL—BBL.

50

GAS—MCF.

80

WATER—BBL.

30

OIL GRAVITY-API (CORR.)

38.4°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Conrad Appledorn

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Pat G. Hanell

TITLE

Drilling & Production Eng.

DATE

October 13, 1981

\*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY

SAL

NM500

PC 2013

CH 3536

PL 4220

Gal 5434

Attachment to Form 9-330

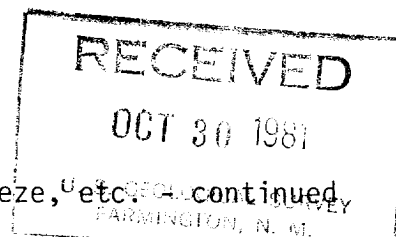
NOTE: This well was drilled in 1958 by the Texas Company to a depth of 5550'. It was produced from perfs @ 5434' - 56' & 5512' - 24'. The well was plugged and abandoned on December 30, 1962. Southern Union Exploration Co. of Texas has re-entered the well, drilled out the cement plugs and recompleted in the Gallop formation.

32. Acid, Shot, Fracture, Cement Squeeze, etc. continued

Depth Interval

5198' - 5406'

5198' - 5406'



Amount & kind of material used

2000 gals. - 10% spearhead acid

Frac w/20,000# of 20/40 sand and  
21,100 gals. of foam.

Hand-drawn site plan of a wellhead location. The plan includes the following features and dimensions:

- Wellhead**: Located at the top left, represented by a circle with a dot.
- Reserve Pit**: A large rectangle at the bottom left, labeled "Reserve Pit 100' x 50'".
- Water Pit**: A rectangle in the upper right, labeled "Water Pit 20' x 20' x 8'".
- 300 Bbl Tanks**: Two circles in the upper right, labeled "300 Bbl Tanks".
- Separator**: A rectangle on the right side, labeled "Separator".
- Dimensions and Distances**:
  - A horizontal distance of **30'** from the Wellhead to the left edge of the Reserve Pit.
  - A distance of **120'** between the Wellhead and the Separator.
  - A distance of **90'** between the Separator and the bottom right corner of the Reserve Pit.
  - A distance of **35'** between the Separator and the Water Pit.
- Stamp**: A rectangular stamp in the center reads:
 

RECEIVED  
OCT 30 1961  
U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

Unit Letter D, 660' FNL 4530' FWL, Sec. 10, T23N, R6W

State Oil Lease NM 28737 Rio Arriba County, New Mexico

Scale: 1" = 20' NT P<sub>2</sub>