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Form C-105
Revised 11-1-78

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name
BBS Ranch 13

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

2. Name of Operator
Santa Fe Energy Company

3. Address of Operator
One Security Park, 7200 I-40 West, Amarillo, TX 79106

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 13 TWP. 17N RGE. 8W NMPM

11. County
McKinley

15. Date Spudded 11-11-80 16. Date T.D. Reached 11-24-80 17. Date Compl. (Ready to Prod.) Dry hole 18. Elevations (DF, R&B, RT, GR, etc.) 6819' GL

20. Total Depth 3975' 21. Plug Back T.D.

22. If Multiple Compl., How Many Rotary Tools 23. Intervals Drilled By X Cable Tools

19. Elev. Casinghead

24. Producing Interval(s), of this completion - Top, Bottom, Name
Dry hole

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
SIL, FDC - CNL

27. Was Well Cored
NO

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

| CASING SIZE | WEIGHT LB./ FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|-----------|-----------|---|---------------|
| 8 5/8" | 24# | 254' KB | 12 1/4" | 152 sxs Class 'B' w/2%CaCl ₂ | None |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| N/A | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
| N/A | | |

31. Perforation Record (Interval, size and number)
Dry hole

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| N/A | |

33. PRODUCTION

Date First Production N/A Production Method (Flowing, gas lift, pumping - Size and type pump) Dry hole Well Status (Prod. or Shut-in)

| Date of Test | Hours Tested | Choke Size | Prod'n. Per Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| | | | | | | | |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| | | | | | | |

Test Witnessed By

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

35. List of Attachments

35. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Samy D. Morgan TITLE Drilling Engineer DATE 12-03-80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|--------------------------|------------------------|--|-------------------------|
| T. Anhy _____ | T. Canyon _____ | T. Ojo Alamo <u>Not present</u> | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland <u>Not present</u> | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Fictured Cliffs <u>Not present</u> | T. Penn. "D" _____ |
| T. Yates _____ | T. Miss _____ | T. Cliff House <u>Not present</u> | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee <u>Surface</u> | T. Madison _____ |
| T. Queen _____ | T. Silurian _____ | T. Point Lookout <u>555</u> | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos <u>1550</u> | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ | T. Gallup <u>1810</u> | T. Ignacio Qtzite _____ |
| T. Glorieta _____ | T. McKee _____ | T. Base Greenhorn <u>2602</u> | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota <u>2660</u> | T. _____ |
| T. Blinberry _____ | T. Gr. Wash _____ | T. Morrison <u>2948</u> | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto <u>3860</u> | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada <u>3920</u> | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

| | |
|----------------------------------|----------------------------|
| No. 1, from <u>None</u> to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

| | |
|--|---|
| No. 1, from <u>1810</u> to <u>1830</u> feet. | DST recovered est 1510 feet water, 1700 ppm NaCl. |
| No. 2, from _____ to _____ feet. | (Recovery lost from test too) |
| No. 3, from _____ to _____ feet. | |
| No. 4, from _____ to _____ feet. | |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------------------|------|----|-------------------|-----------|
| 0 | 555 | 555 | Menefee sand & shale | | | | |
| 555 | 1090 | 535 | Point Lookout sand | | | | |
| 1090 | 1550 | 460 | Crevasse Canyon shale & Silt | | | | |
| 1550 | 1700 | 150 | Moncos Mulatto shale | | | | |
| 1700 | 1810 | 110 | Hospah sand, silt, coal | | | | |
| 1810 | 1900 | 90 | Gallup sand | | | | |
| 1900 | 2518 | 618 | Moncos shale | | | | |
| 2518 | 2602 | 84 | Greenhorn limestone | | | | |
| 2602 | 2660 | 58 | Groneros shale | | | | |
| 2660 | 2948 | 288 | Dakota sandstone | | | | |
| 2948 | 3860 | 912 | Morrison sand, shale, silt | | | | |
| 3860 | 3920 | 60 | Todilto evaporite | | | | |
| 3920 | TD | | Entrada Sandstone | | | | |