

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |      |
|------------------------|------|
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| OPERATOR               | Butt |

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fed <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |

6. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

6. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Name of Operator

THE HARLOW CORPORATION

8. Address of Operator

600 Petroleum Building, Amarillo, TX 79101

9. Location of Well

UNIT LETTER L LOCATED 2310 FEET FROM THE South LINE AND 330 FEET FROM

LINE West LINE OF SEC. 7 TWP. 8S RGE. 29E NADPH

15. Date Spudded 12-02-80 16. Date T.D. Reached 12-14-80 17. Date Compl. (Ready to Prod.) 2/13/81 18. Elevations (DF, RKB, RT, GR, etc.) 410261 19. Elev. Casinghead 4101'

20. Total Depth 2860' 21. Plug Back T.D. 2824' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-130' Cable Tools 130-2860'

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

2701-45' San Andres

25. Was Directional Survey Made

No

26. Type Electric and Other Log Run

SN-Prod, Dual Laterlog, Micro-SFL

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"      | 20#            | 129'      | 11"       | 4 yds            | none          |
| 5 1/2"      | 14#            | 2860'     | 7 7/8"    | 125 sx           | none          |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE       | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------------|-----------|------------|
|      |     |        |              |        | 2 3/8" EUE | 2804'     | none       |

30. Perforation Record (Interval, size and number)

2701-03 .44 2 holes per ft  
2715-17 " "  
2726-28 " "  
2734-36 " "  
2743-45 " "

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED    |
|----------------|----------------------------------|
| 2701-45'       | 500 g HCL 15%<br>1000 g 15% NeFe |

32. PRODUCTION

|                               |                     |                                                                             |                         |              |                |                                     |                     |
|-------------------------------|---------------------|-----------------------------------------------------------------------------|-------------------------|--------------|----------------|-------------------------------------|---------------------|
| Date First Production 2/13/81 |                     | Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping |                         |              |                | Well Status (Prod. or Shut-in) Prod |                     |
| Date of Test 2/26/81          | Hours Tested 24 hrs | Choke Size none                                                             | Prod'n. For Test Period | Oil - Bbl. 4 | Gas - MCF 3    | Water - Bbl. 9                      | Gas - Oil Ratio 750 |
| Flow Testing Press. 18        | Casing Pressure 18  | Calculated 24-Hour Rate                                                     | Oil - Bbl. 4            | Gas - MCF 3  | Water - Bbl. 9 | Oil Gravity - API (Corr.) 25        |                     |

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

Vented

Test Witnessed By

Ray Vaught

34. List of Attachments

Logs listed in item 26

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 W.B. LaFon TITLE Production Engineer DATE 2/27/81

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be indicated depth, in the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in duplicate on completion state land, where stipules are required. See Rule 1405.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                                   |                        |                             |                         |
|-----------------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____                     | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____                     | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____                     | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>985 (+3125)</u>       | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>1070 (+3040)</u>   | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen <u>1600 (+2510)</u>      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____                 | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>2072 (+2038)</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quartz _____ |
| T. Glorieta _____                 | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____                  | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinney _____                  | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____                     | T. Granite _____       | T. Todillo _____            | T. _____                |
| T. Drinkard _____                 | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____                      | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____                 | T. _____               | T. Chale _____              | 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>2701 (+1409)</u> to <u>2745 (+1365)</u> | No. 4, from _____ to _____ |
| No. 2, from <u>2778 (+1332)</u> to <u>2823 (+1287)</u> | 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 _____ to _____ | feet |
| No. 2, from _____ to _____ | feet |
| 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    | 985  | 985               | Permian Red beds w/minor silt, sand, gyp & salt.        |      |    |                   |           |
| 985  | 1600 | 615               | Salt, anhydrite, red & green shale w/minor silt & sand. |      |    |                   |           |
| 1600 | 2072 | 472               | Red beds.                                               |      |    |                   |           |
| 2072 | 2860 | 788               | Anhydrite w/minor dolomite & shale.                     |      |    |                   |           |