

|                        |   |
|------------------------|---|
| NO. OF COPIES RECEIVED | 6 |
| DISTRIBUTION           |   |
| SANTA FE               |   |
| FILE                   | 1 |
| U.S.G.S.               | 2 |
| LAND OFFICE            | 1 |
| OPERATOR               |   |

~~AMENDED~~

Form C-100  
Revised 1-1-75

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

**RECEIVED**

OCT 30 1975

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
E-2211

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐  
2. Name of Operator  
Harvey E. Yates Company, Inc. ✓  
3. Address of Operator  
Suite 1000, Security Nat'l Bank Bldg., Roswell, New Mexico  
4. Location of Well  
UNIT LETTER A LOCATED 330 FEET FROM THE North LINE AND 990 FEET FROM East LINE OF SEC. 32 TWP. 18S RGE. 30E NMPM

7. Unit Agreement Name  
8. Farm or Lease Name  
State  
9. Well No.  
#3  
10. Field and Pool, or Well Unit  
N. Benson Queen Grayburg  
12. County  
Eddy

15. Date Spudded 3/28/75 16. Date T.D. Reached 8/12/75 17. Date Compl. (Ready to Prod.) 8/21/75 18. Elevations (DF, RKB, RT, GR, etc.) 3425-GR 19. Elev. Casinhead. 3425  
20. Total Depth 3314 21. Plug Back T.D. 3290 22. If Multiple Compl., How Many  
23. Intervals Drilled By Rotary Tools  
24. Producing Interval(s), of this completion - Top, Bottom, Name 2892-3029 Queen 3194-3250 Grayburg 25. Was Directional Drilling Made No  
26. Type Electric and Other Logs Run GR-N 27. Was Well Cored

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8 5/8"                                         | 32#            | 603'      | 10"       | 150 sacks        | none          |
| 4 1/2"                                         | 9.5#           | 3298.5'   | 8"        | 200 sacks        |               |
|                                                |                |           |           |                  |               |
|                                                |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |      |           |            |
|--------------|-----|--------|--------------|---------------|------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE | DEPTH SET | PACKER SET |
|              |     |        |              |               | 2"   | 3250      |            |
|              |     |        |              |               |      |           |            |

| 31. Perforation Record (Interval, size and number) |                  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|------------------|------------------------------------------------|----------------------------------|
| 2892-96                                            | 3237-3250        | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED    |
| 2905                                               | 2 shots per foot | 3194-3250                                      | 34,000 Frac Fluid - 30,000# sand |
| 2920-26                                            |                  | 3024-3029                                      | 7,000 Frac Fluid - 6,500# sand   |
| 3024-29                                            |                  | 2892-2926                                      | 14,000 Frac Fluid - 13,000# sand |
| 3194-3204                                          |                  |                                                |                                  |

33. PRODUCTION  
Date First Production 9/13/75 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.  
Date of Test 9/13/75 Hours Tested 24 Choke Size Prod'n. For Test Period 40 Oil - Bbl. 40 Gas - MCF 20 Frac Water - Bbl. 20 Frac Gas - Oil Ratio  
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate 40 Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Herb Spencer  
35. List of Attachments

36. 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 Fred Yates TITLE Vice President DATE 10/28/75

This form is to be filled out by the licensee (either the Commission or later than 60 days after the date of the Commission's decision) and submitted by one copy of all pertinent and radio-activity logs run on the well and a summary of the data reported on the logs. All depths reported shall be measured depths in the case of directly drilled wells. The form is to be filed in the appropriate section of the Commission's files. See Rule 1105.

**Northwestern New Mexico**

Southeastern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)

|      |     |              |      |      |     |                   |
|------|-----|--------------|------|------|-----|-------------------|
| 0    | 10  | Red Sand     | 2135 | 2155 | 20  | gray time         |
| 10   | 20  | Red shale    | 2155 | 2175 | 20  | time - dolomite   |
| 20   | 215 | Sand & shale | 2175 | 2300 | 215 | time              |
| 30   | 215 | Any, gyps    | 2300 | 2430 | 40  | any - red shale   |
| 40   | 215 | Any, gyps    | 2430 | 2430 | 40  | any - red shale   |
| 50   | 215 | Any, gyps    | 2430 | 2450 | 20  | gray time         |
| 60   | 215 | Shale & gyps | 2450 | 2475 | 25  | dolomite          |
| 70   | 215 | Red shale    | 2475 | 2585 | 110 | time              |
| 80   | 215 | any-time     | 2585 | 2635 | 50  | any-time          |
| 90   | 215 | sandy time   | 2635 | 2670 | 5   | red sand          |
| 100  | 215 | any          | 2670 | 2670 | 5   | red sand          |
| 110  | 215 | any          | 2670 | 2700 | 30  | sand              |
| 120  | 215 | any - salt   | 2700 | 2700 | 30  | time              |
| 130  | 215 | salt         | 2700 | 2929 | 15  | sandy time, shale |
| 140  | 215 | any          | 2929 | 2944 | 15  | sandy time, shale |
| 150  | 215 | dolomite     | 2944 | 3025 | 31  | time              |
| 160  | 215 | time         | 3025 | 3038 | 13  | gray time         |
| 170  | 215 | any          | 3038 | 3052 | 14  | sandy time        |
| 180  | 215 | any - shale  | 3052 | 3068 | 14  | shale             |
| 190  | 215 | any          | 3068 | 3083 | 15  | sandy time        |
| 200  | 215 | time         | 3083 | 3252 | 170 | time              |
| 210  | 215 | dolomite     | 3252 | 3282 | 30  | time & shale      |
| 220  | 215 | any          | 3282 | 3305 | 32  | time              |
| 230  | 215 | dolomite     | 3305 | 3305 | 32  | time              |
| 240  | 215 | any          | 3305 | 3305 | 32  | time              |
| 250  | 215 | any          | 3305 | 3305 | 32  | time              |
| 260  | 215 | any          | 3305 | 3305 | 32  | time              |
| 270  | 215 | any          | 3305 | 3305 | 32  | time              |
| 280  | 215 | any          | 3305 | 3305 | 32  | time              |
| 290  | 215 | any          | 3305 | 3305 | 32  | time              |
| 300  | 215 | any          | 3305 | 3305 | 32  | time              |
| 310  | 215 | any          | 3305 | 3305 | 32  | time              |
| 320  | 215 | any          | 3305 | 3305 | 32  | time              |
| 330  | 215 | any          | 3305 | 3305 | 32  | time              |
| 340  | 215 | any          | 3305 | 3305 | 32  | time              |
| 350  | 215 | any          | 3305 | 3305 | 32  | time              |
| 360  | 215 | any          | 3305 | 3305 | 32  | time              |
| 370  | 215 | any          | 3305 | 3305 | 32  | time              |
| 380  | 215 | any          | 3305 | 3305 | 32  | time              |
| 390  | 215 | any          | 3305 | 3305 | 32  | time              |
| 400  | 215 | any          | 3305 | 3305 | 32  | time              |
| 410  | 215 | any          | 3305 | 3305 | 32  | time              |
| 420  | 215 | any          | 3305 | 3305 | 32  | time              |
| 430  | 215 | any          | 3305 | 3305 | 32  | time              |
| 440  | 215 | any          | 3305 | 3305 | 32  | time              |
| 450  | 215 | any          | 3305 | 3305 | 32  | time              |
| 460  | 215 | any          | 3305 | 3305 | 32  | time              |
| 470  | 215 | any          | 3305 | 3305 | 32  | time              |
| 480  | 215 | any          | 3305 | 3305 | 32  | time              |
| 490  | 215 | any          | 3305 | 3305 | 32  | time              |
| 500  | 215 | any          | 3305 | 3305 | 32  | time              |
| 510  | 215 | any          | 3305 | 3305 | 32  | time              |
| 520  | 215 | any          | 3305 | 3305 | 32  | time              |
| 530  | 215 | any          | 3305 | 3305 | 32  | time              |
| 540  | 215 | any          | 3305 | 3305 | 32  | time              |
| 550  | 215 | any          | 3305 | 3305 | 32  | time              |
| 560  | 215 | any          | 3305 | 3305 | 32  | time              |
| 570  | 215 | any          | 3305 | 3305 | 32  | time              |
| 580  | 215 | any          | 3305 | 3305 | 32  | time              |
| 590  | 215 | any          | 3305 | 3305 | 32  | time              |
| 600  | 215 | any          | 3305 | 3305 | 32  | time              |
| 610  | 215 | any          | 3305 | 3305 | 32  | time              |
| 620  | 215 | any          | 3305 | 3305 | 32  | time              |
| 630  | 215 | any          | 3305 | 3305 | 32  | time              |
| 640  | 215 | any          | 3305 | 3305 | 32  | time              |
| 650  | 215 | any          | 3305 | 3305 | 32  | time              |
| 660  | 215 | any          | 3305 | 3305 | 32  | time              |
| 670  | 215 | any          | 3305 | 3305 | 32  | time              |
| 680  | 215 | any          | 3305 | 3305 | 32  | time              |
| 690  | 215 | any          | 3305 | 3305 | 32  | time              |
| 700  | 215 | any          | 3305 | 3305 | 32  | time              |
| 710  | 215 | any          | 3305 | 3305 | 32  | time              |
| 720  | 215 | any          | 3305 | 3305 | 32  | time              |
| 730  | 215 | any          | 3305 | 3305 | 32  | time              |
| 740  | 215 | any          | 3305 | 3305 | 32  | time              |
| 750  | 215 | any          | 3305 | 3305 | 32  | time              |
| 760  | 215 | any          | 3305 | 3305 | 32  | time              |
| 770  | 215 | any          | 3305 | 3305 | 32  | time              |
| 780  | 215 | any          | 3305 | 3305 | 32  | time              |
| 790  | 215 | any          | 3305 | 3305 | 32  | time              |
| 800  | 215 | any          | 3305 | 3305 | 32  | time              |
| 810  | 215 | any          | 3305 | 3305 | 32  | time              |
| 820  | 215 | any          | 3305 | 3305 | 32  | time              |
| 830  | 215 | any          | 3305 | 3305 | 32  | time              |
| 840  | 215 | any          | 3305 | 3305 | 32  | time              |
| 850  | 215 | any          | 3305 | 3305 | 32  | time              |
| 860  | 215 | any          | 3305 | 3305 | 32  | time              |
| 870  | 215 | any          | 3305 | 3305 | 32  | time              |
| 880  | 215 | any          | 3305 | 3305 | 32  | time              |
| 890  | 215 | any          | 3305 | 3305 | 32  | time              |
| 900  | 215 | any          | 3305 | 3305 | 32  | time              |
| 910  | 215 | any          | 3305 | 3305 | 32  | time              |
| 920  | 215 | any          | 3305 | 3305 | 32  | time              |
| 930  | 215 | any          | 3305 | 3305 | 32  | time              |
| 940  | 215 | any          | 3305 | 3305 | 32  | time              |
| 950  | 215 | any          | 3305 | 3305 | 32  | time              |
| 960  | 215 | any          | 3305 | 3305 | 32  | time              |
| 970  | 215 | any          | 3305 | 3305 | 32  | time              |
| 980  | 215 | any          | 3305 | 3305 | 32  | time              |
| 990  | 215 | any          | 3305 | 3305 | 32  | time              |
| 1000 | 215 | any          | 3305 | 3305 | 32  | time              |