

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

WELL API NO.  
30-025-30638

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
VB-0176

**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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator  
Harvey E. Yates Company

3. Address of Operator  
P.O. Box 1933, Roswell, New Mexico 88202

4. Well Location

Unit Letter L: 1650 Feet From The South Line and 330 Feet From The West Line  
Section 16 Township 19S Range 32E NMPM Lea County

10. Date Spudded  
7-30-89

11. Date T.D. Reached  
8-9-89

12. Date Compl. (Ready to Prod.)  
8-23-89

13. Elevations (DF & RKB, RT, GR, etc.)  
3604.0 GL

14. Elev. Casinghead  
3604.0 GL

15. Total Depth  
6600

16. Plug Back T.D.  
6553

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools  
6600

Cable Tools  
None

19. Producing Interval(s), of this completion - Top, Bottom, Name  
6506 Delaware

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
DLL w/Micro, D-N w/GR & CBL

22. Was Well Cored  
No

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD             | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------------------|---------------|
| 9 5/8       | 36            | 450       | 14 3/4    | 500 SX "C"                   | Circ to surf  |
| 5 1/2       | 17            | 6600      | 7 7/8     | 3000 SX filler & 475 SX tail | circ to surf  |
|             |               |           |           |                              |               |
|             |               |           |           |                              |               |
|             |               |           |           |                              |               |

**24. LINER RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | 25. TUBING RECORD | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------------------|------|-----------|------------|
|      |     |        |              |        | 2 3/8             | 6538 |           |            |
|      |     |        |              |        |                   |      |           |            |
|      |     |        |              |        |                   |      |           |            |

26. Perforation record (interval, size, and number)

6506 - 4 holes abraza jet

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6506

**28. PRODUCTION**

|                                  |                       |                                                                                |                           |                   |                    |                                   |                                             |  |
|----------------------------------|-----------------------|--------------------------------------------------------------------------------|---------------------------|-------------------|--------------------|-----------------------------------|---------------------------------------------|--|
| Date First Production<br>8-24-89 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                           |                   |                    |                                   | Well Status (Prod. or Shut-in)<br>Producing |  |
| Date of Test<br>8-26-89          | Hours Tested<br>24    | Choke Size<br>NA                                                               | Prod'n For<br>Test Period | Oil - Bbl.<br>42  | Gas - MCF<br>TSTM  | Water - Bbl.<br>27                | Gas - Oil Ratio<br>TSTM                     |  |
| Flow Tubing Press.<br>NA         | Casing Pressure<br>NA | Calculated 24-<br>Hour Rate                                                    | Oil - Bbl.<br>42          | Gas - MCF<br>TSTM | Water - Bbl.<br>27 | Oil Gravity - API - (Corr.)<br>39 |                                             |  |

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

Used on lease

Test Witnessed By  
Ray Coors

30. List Attachments

Open hole logs & Deviation Survey

31. 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

Signature

*A. M. Young*

Printed Name

Micky Young

Title

Drilling Superintendent

Date 8-29-89

# 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 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 25 through 29 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 <u>888</u>       | 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>2726</u>     | T. Miss _____                 | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>3102</u>  | T. Devonian _____             | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3869</u>     | T. Silurian _____             | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____              | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____              | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____                | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____          | T. Dakota _____             | T. _____               |
| T. Blinberry _____       | T. Gr. Wash _____             | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Delaware Sand <u>4945</u>  | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____         | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Goat Seep Reef <u>4093</u> | 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 \_\_\_\_\_ to \_\_\_\_\_      No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, 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.

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology         | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|-------------------|------|----|----------------------|-----------|
| 0    | 900  | 900                  | Rd Bd & Surf Rock |      |    |                      |           |
| 900  | 2700 | 1800                 | Salt & Anhy       |      |    |                      |           |
| 2700 | 3100 | 400                  | Dolo & Sd.        |      |    |                      |           |
| 3100 | 4900 | 1800                 | Dolo              |      |    |                      |           |
| 4900 | 5450 | 550                  | Dolo & Sd.        |      |    |                      |           |
| 5450 | 6600 | 1150                 | Sd                |      |    |                      |           |
| 6600 |      |                      | TD                |      |    |                      |           |

**RECEIVED**

**SEP 5 1989**

**OCD  
HOBBS OFFICE**