

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-  
structions on  
reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-11118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME, WELL NO.

Young Deep Unit # 21

9. API WELL NO.

30-025-32288

10. FIELD AND POOL, OR WILDCAT

Young Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 3, T-18s, R-32e

12. COUNTY OR PARISH

Lea

13. STATE

NM

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

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS AND TELEPHONE NO.

P.O.Box 1933 Roswell, NM 88202 1-(505)-623-6601

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

At surface K, 1330' FS & WL

At top prod. interval reported below

At total depth K, 1617' FSL & 1334' FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

11-12-93

16. DATE T.D. REACHED

12-12-93

17. DATE COMPL. (Ready to prod.)

1-7-94

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

3870.5'

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

10,975'

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

10,910'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

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

10,346-10,657' Wolfcamp

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNLD/GR DLL/MSFL/Gr

27. WAS WELL CORRED

Yes

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 13 3/8"           | 48#             | 408'           | 17 1/2"   | Circ. 85 SKS                    |               |
| 8 5/8"            | 32#             | 3,100'         | 12 1/4"   | Circ. 209 SKS                   |               |
| 5 1/2 "           | 17#             | 10,975'        | 7 7/8"    | 2174' by CBL                    |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | AMOUNT PULLED |
|------|----------|-------------|---------------|-------------|--------|----------------|---------------|
|      |          |             |               |             | 2 3/8" | 10,762' SN     | 10,204' TAC   |

31. PERFORATION RECORD (Interval, size and number)

10,346'-10,657' (OA) .41" 158 holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 10,346-657' (OA)    | 47,800 gals 15 & 20% HCL         |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 1-7-94                |                 | Pumping 2" x 1.25" x 26' pump.                                       |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 2-28-94               | 24              | ----                                                                 | →                       | 286      | 499        | 25 (load)                          | 1744          |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| -----                 | -----           | →                                                                    | 286                     | 499      | 25 (load)  | 41.2 API                           |               |

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

Sold

TEST WITNESSED BY

R. Finney

35. LIST OF ATTACHMENTS

Sundry, C-102, C-104, Logs, Inclination

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

SIGNED

TITLE

Prod. Mgr./ Eng.

DATE

3-4-94

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION         | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-------------------|------|--------|-----------------------------|
|                   |      |        |                             |
| Red Bed           | 0    | 822    |                             |
| Anhy., salt       | 822  | 2332   |                             |
| Dolo, Anhy.       | 2332 | 3306   |                             |
| Li, Sh.           | 3306 | 3610   |                             |
| Li, Dolo, Sh      | 3610 | 6225   |                             |
| Dolo, Sd, Sh      | 6225 | 9350   |                             |
| Li, Dolo, Ch, Li. | 9350 | TD     |                             |

38. GEOLOGIC MARKERS

| NAME          | TOP         |                  |
|---------------|-------------|------------------|
|               | MEAS. DEPTH | TRUE VERT. DEPTH |
| Rustler       | 1220        |                  |
| Yates         | 2690        |                  |
| Queen         | 3820        |                  |
| San Andres    | 4628        |                  |
| Bone Spring   | 6036        |                  |
| Bone SpringSD | 8442        |                  |
| Wolfcamp      | 9352        |                  |