

COPY TO O. C. G.

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell New Mexico

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FEL & 660' FNL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) DST #1, DST #2 ☐

5. LEASE

NM - 16350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

North Young Bone Spring

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

Section 10, T-18S, R-32E

12. COUNTY OR PARISH

13. STATE

Lea

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/17/81 RESULTS OF DST #1 from 5470' to 5638' (168') Delaware:

Tool open @ 8:00 p. m. 6/16/81 w/weak blow, increasing to good; 0 psi.

Closed tool 8:30 p. m. for 60" ISIP

Reopened tool @ 9:30 p. m. w/good blow, increasing @ end of 120";
0 surface press.

Closed tool @ 11:30 p. m. for 4-hr FSIP.

Pulled loose @ 3:30 a. m. 6/17/81.

Recovery: 610' drlg fluid.

Sampler: 0 psi; 1200 cc water w/trace of oil;

0 gas. BHT-101° F; Rw-.14 @ 60° F; Cl-51,000 ppm

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Rick Hardu

TITLE

Engineer

DATE July 1, 1981

APPROVED BY
CONDITIONS OF

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

TITLE

DATE

JUL 7 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

BOTTOM CHART

2517 psi
92-158 psi
1982 psi
208-382 psi
2121 psi
2517 psi

TOP CHART

2458 psi
26-132 psi
2036 psi
145-317 psi
2049 psi
2458 psi

PRESSURES:

HPi
1st IF-FF
2nd IF-FF
ISIP
2nd IF-FF
HPo

RESULTS OF DST #2 from 7884' to 8074':
Tool opened @ 9:20 p. m. 6/25/81 for 30" preflow
w/weak blow, increasing to good.
Shut in @ 9:50 p. m. for 60" ISIP.
Reopened for 2 hr-2nd flow @ 10:50 w/good blow.
GTS @ 11:05: 0 press.
Closed in @ 12:50 a. m. 6/26/81 for 3 hr-FSIP
SOH @ 3:50 a. m.

Recovery: 6338' of formation water
500' gas and oil-cut mud

Sampler: 350 psi
2450 cc water
0.685 CFG; 0 oil

PRESSURES:

HPi
30" 1st IF-FF 460-1333 psi
60" ISIP 3250 psi
90" 2nd IF-FF 1447-3246 psi
180" FSIP 3268 psi
HPo 3838 psi
BHT-120° F.