

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY TO O. C. C.
SUBMIT IN TRIPLICATE*
(Other Instructions on Reverse Side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-4364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Young Deep 4 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 4, T18S, R32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

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 "APPLICATION FOR PERMIT-" 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 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

660' FSL & 1980' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) DST #1

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.) *

6/16/80 Depth 8485' - lime & shale

Results of DST No. 1 8400' - 8482'

Opened tool @ 11:00 a.m. w/fair blow; 11:05 opened on 3/8" choke w/5 psi; 11:10 had 7.5 psi; 11:20 GTS w/7.5 psi; 11:30 closed tool for 60" ISI w/7.5 psi. Opened tool @ 12:30 p.m. on 3/8" choke; 12:45 had 3 psi; 1:00 had 2 psi. Closed tool @ 1:30 w/2 psi. Pulled pkrs @ 4:30 after 180" FSI. Rec total 450' of fluid (360' of distillate and 90' of oil-cut drlg fluid). Sampler: 150 psi, 1.232 CFG and 900 cc distillate.

PRESSURES:

TOP CHARTS

BOTTOM CHARTS

HPI	3623 psi	3698 psi
30" PF	79/95 psi	108/125 psi
60" ISIP	992 psi	1041 psi
60" FF	126/142 psi	143/161 psi
180" FSIP	600 psi	629 psi
HOP	3655 psi	3716 psi
BHT		134° F

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

SIGNED

TITLE

Engineer

DATE

June 24, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUN 30 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side