

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

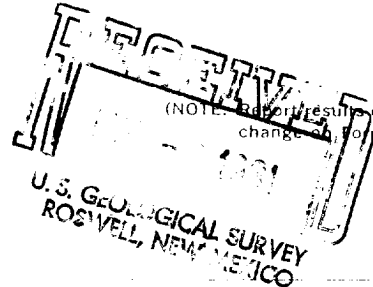
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well well
2. NAME OF OPERATOR
Harvey E. Yates Company
3. ADDRESS OF OPERATOR
P. O. Box 1933, Roswell, N.M. 88201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1980' FEL
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's & 4 1/2" Csg.

5. LEASE
NM-16350-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Young Deep Unit
8. FARM OR LEASE NAME
9. WELL NO.
3
10. FIELD OR WILDCAT NAME
North Young Bone Springs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T-18S, R-32E
12. COUNTY OR PARISH 13. STATE
Lea N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3489.0' GR



(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.)*

2/04/81 - 2/16/81
Drilling

2/16/81 TD-9500' Logging. Mud Wgt-9#; Vis-36; WL-8. Totco: 1 1/2" @ 9500'. LTD-9496'.

2/17/81 TD-9500' on DST #1. Formation lime and shale.
RESULTS OF DST #1 from 8540' to 8620':

Opened tool @ 2:15 a.m. 2/17/81 for 30" IF; closed tool @ 2:45 for 60" ISIP;
opened tool @ 3:45 a.m. for 90" FF; closed tool @ 5:15 a.m. for 120" FSIP.
Weak blow throughout test; no GTS. NOTE: Determined leak in DP above the tool.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED

Peter W. Chester

TITLE Engineer

DATE 2/27/81

APPROVED BY PETER W. CHESTER
CONDITIONS OF APPROVAL, IF ANY:

MAR 2 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 rest in the hole, method of closing top of well, and data well site conditioned for final inspection looking to approval of the abandonment.

RECEIVED

MAR 03 1981

O. C. D.
ARTESIAL OFFICE

MINI-OBSERVATION DIV

18616

Continued
PRESSURES

2/17/81

489/59-980-655/684

PRESSURES:

1HP
FHP
30" IF
60" ISIP
90" FF
PSIP
BHT
Rec 1744' drlg fluid. Sampler: 0 psi; 24,000 ppm Cl;
R_w .18 @ 78° F.

TD-9500' on DST #2. Formation fine & shale; Mud Wgt-
9#; Vis-36; WL-10. 8 hrs-trips; 2 3/4 hrs-finish
DST #1: 3 3/4 hrs-chaining out; 3 1/2 hrs-LD test tool;
3 hrs-waiting for Halliburton; 2 hrs-PU test tool; 4
3/4 hrs-DST #2 from 9296' to 9500'.
RESULTS OF DST #2 from 9296' to 9500':

1HP
30" IF
60" ISIP
90" FF
180" PSIP
FHP
4535 psi
189-410 psi
3302 psi
507-1287 psi
3302 psi
4535 psi

GTS in 32" @ 10 psi through 5/8" choke. Rec 2790' of
gas and water-cut oil. Sampler: 1000 psi; .44 CFG
Rec 2400 cc of gas and water-cut oil. NOTE: Water is
dissimulating into oil; not enough to take cl measure-
ment.
TD-9500' running 4 1/2" csq. Mud Wgt-9#, Vis-36; WL-10.
6 hrs-trips; 3 hrs-circ.; 6 1/2 hrs-LD DP and DCS; 1 1/4
hr-DST #2; 1 1/2 hrs-trying to reverse out; 5 3/4 hrs-
running csq.
Ran 74 jts 11.6# LT&C N-80 4 1/2" csq, 80 jts 11.6#
J-55 LT&C 4 1/2" csq and 75 jts 10.5# J-55 ST&C 4 1/2"
csq (total of 9527.27') and set @ 9505.27'.
Cemented w/450 sx CI "H" w/50-50 Poz, 2% Gel, .5% CFR-2
and 5# KCl/sx. PD @ 7:30 a.m. 2/19/81. Bumped plug w/
2000 psi; held o.k.

2/19/81