

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-23417

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

MAY - 5 1980

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

RECEIVED

2. NAME OF OPERATOR

Harvey E. Yates Company

APR 29 1980

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, N. M.

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO4. LOCATION OF WELL (Report location clearly and in accordance with a U.S. Geological Survey map. See also space 17 below.)
At surface 1800' FSL & 2310' FEL

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME

ARTESIA OFFICE

East Travis 17

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
South Empire
Wildcat MORROW11. SEC., T., R., S., OR BLK. AND
SURVEY OR AREA

Sec. 17, T-18S, R-28E

14. PERMIT NO.

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

3540.6' GL

12. COUNTY OR PARISH

Eddy

13. STATE

N. M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) DST's #1, 2, 3 & 4

X

(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.)*

4-14-80 Results of DST #1 from 9360' to 9580':

Tool opened at 11:00 pm 4-12-80. Fair blow, increased to strong blow. Opened on 3/8" choke at 11:05 pm w/5 psi; GTS in 25 min; SP-20 psi. Closed tool at 11:30 pm w/23 psi SP at 130 MCF/D. SI for 60 min ISIP. Reopened tool at 12:30 am 4-13-80 w/6 psi; opened on 3/8" choke; press increased to 33 psi at 12:55 and stabilized at 33 psi at 195 MCF/D for remainder of flow period. Closed tool at 1:30 am at 33 psi for 180 min FSIP. Released pkrs at 4:30 am. Rec 740' of GCO. Sampler: 1900 psi, 650 cc oil, 300 cc drilling water (appears to be drilling fluid), 65,000 Cl w/200 ppm chromate, pit Cl-75,000 w/350 ppm chromate, 10.124 CFG.

PRESSURES:

HPI	4306 psi
30 min IF-FF	162/232 psi
60 min ISIP	3621 psi
60 min 2nd IF-FF	208/278 psi
180 min FSIP	3461 psi
HPO	4352 psi
BHT	142° F.

(OVER)

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

SIGNED

TITLE

Engineer

DATE 4-28-80

(This space for Federal or State office use)

APPROVED BY

(Ord. Sec.) GEORGE H. STEWART

TITLE

ACTING DISTRICT ENGINEER

DATE APR 29 1980

CONDITIONS OF APPROVAL, IF ANY:

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.

Results of DST #2 from 9960' to 10006':
Opened tool at 4:15 am 4-15-80 w/fair blow, increase-
ing to strong; 4:20 am opened on 3/8" choke w/5 psi;
4:32 am GTS in 18 min w/20 psi; 4:45 am closed tool
for 60 min SIP w/28 psi; 5:45 am opened tool w/10
psi. (Flow line plugged; surface pressure only.)
At 6:05 am unplugged flow line w/48 psi surface
press; 6:15 am opened on 3/8" choke w/50 psi; press
decreased steadily; 6:45 am closed tool w/30 psi.
SI for 180 min FSIP. Unseated pkrs at 9:45 am.
Recovered 270' of condensate and gas-cut drilling
fluid. Sampler: Total liquid 700 cc (300 cc
condensate and 400 cc brine) and 0.674 CFG.
PRESSURES:
IHP 4660 psi
IF 66/110 psi
ISIP 3998 psi
FF 88/154 psi
FSIP 3600 psi
FHP 4616 psi
BHT 147° F.
Results of DST #3 from 10840' to 10870':
Tool opened at 11:00 am 4-19-80 w/weak blow through-
out 30 min preflow. SI at 11:30 am for 60 min ISIP.
12:30 pm reopened tool for 2nd flow w/weak blow
continuously throughout flow period. 1:30 pm SI
for 3 hour FSIP. 4:30 pm released pkrs and POH.
Rec 10' of drilling fluid. Sampler: 0 psi; 0 gas;
0 oil; 1800 cc drilling fluid; BHT 160° F.
PRESSURES:
IHP 5325 psi
30 min IF/FF 43/43 psi
60 min ISIP 108 psi
60 min FF/FF 43 psi
180 min FSIP 108 psi
Results of DST #4 from 10950' to 11060':
Tool opened at 11:45 am 4-21-80 w/fair blow, increas-
ing to good; GTS in 13 min; surface press 165 psi at
end of 30 min preflow through 3/8" choke at 605 MCF/D
rate. Closed tool for 60 min ISIP; reopened tool at
1:15 pm. Surface press 0 psi, increasing to 405 psi
at end of 60 min flow period on 3/8" choke at 1421
MCF/D rate. Closed tool at 2:15 pm; pulled pkrs free
at 5:15 pm and pulled test tool OOH. Recovered 900'
of GCPF; BHT 160° F. Sampler: 750 psi, 0 mud; 0
water; 5.06 CFG.
PRESSURES:
HPI 5325 psi
30 min IF/FF 241/461 psi
60 min ISIP 3821 psi
60 min 2nd IF/FF 329/746 psi
180 min FSIP 3922 psi
HPO 5325 psi

GPO 680-160

4-15-80

4-20-80

4-22-80