

XEROX COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-17200

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Southeast Indian Basin

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Indian Basin 11/12

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

Sec. 23, T22S, R23E

12. COUNTY OR PARISH

Eddy

13. STATE
N. M.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 purposes.)1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

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

RECEIVED 660' FNL & 660' FEL

14. PERMIT NO.

D. C. C.

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

4141.5' GL

16. ARTESIA, OFFICE

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)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Plug back, log, perf, etc 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.)*

11-1-79 POH with tubing and packer. Ran CIBP and set on wireline at 7750'. Spotted 25' cement on top.

11-2-79 Ran Dresser-Atlas carbon-oxygen log from 3450' - 3360' and from 3250' - 2500'.

11-3-79 Shut down.

11-4-79 Ran Dresser-Atlas cement bond log from 3000' to 2300'. TOC at 2413' KB.

11-6-79 Perf 5 1/2" casing 2628' - 2634' w/4 SPF (24shots). Swab tested 42 BW/4 hrs.

11-7-79 Swab 12 BW/4 hrs. No show oil or gas. Water analysis: Sp Gr 1.08; ph 6.0; Cl 74195 ppm - formation water. Released packer and pulled out of hole.

11-8-79 Ran CIBP on wireline and set at 2610' KB. Perf 2510' - 2520' w/4 SPF (40 shots) and 2532' - 2536' w/4 SPF (16 shots). Ran tubing and packer and set at 2466' KB. Swab dry.

11-9-79 Acidized perfs 2510' - 2536' KB w/1250 gals - 15% NE acid. Formation broke at 2300 psi and treated at 2 B/M at 1500 psi. ISIP-1100. 15" SIP 900. TLTR 42.5 BBLs. Swab 44 BW/3 hrs. No show oil or gas.

11-10-79 Swab 42 BW/8 hrs. No show oil or gas. Water analysis: Total solids - 16266 (OVER)

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

SIGNED

Geck Harder

TITLE

Engineer

DATE

11-12-79

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

TITLE

DATE

NOV 13 1979

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.

Sp Gr - 1.025; PH - 6.0
Cl - 8250 ppm
Ca - 1122 ppm
Mg - 243 ppm
HCO₃ - 1403 ppm
SO₄ - 650 ppm
Na - 4598 ppm
Total hardness - 3.8