

COPY TO O.G.C

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 88201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
660' FNL & 1980' FWL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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) Production Csg., Csg Test & Completion

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.)*

11/28/80 TD 8650', lime & shale. Ran 25 jts 4 1/2" 11.6# LT&C N-80 csg (1010.88'); 107 jts 4 1/2" 10.5# ST&C J-55 csg (4311.10') and 84 jts 4 1/2" 11.6# LT&C J-55 csg (3348.11'); total of 8670.09' and set @ 8650'. Cemented w/300 sx Cl "H" w/50-50 Poz, 2% gel, 1/2 of 1% CFR-2 and 5#KC1/sx. PD @ 9:a.m. 11/27/80. Bumped plug w/2500 psi; release float; held o.k. RR @ 3:p.m. 11/27/80.

11/29/80 Waiting on Completion Unit.

12/05/80 Installed tbg safety anchors. MI and set 500 bbl frac tank. RU Clarke Well Service Unit. SD.

12/06/80 NU 10"-600 x 6"-600 tbg spool and BOP. Set pipe racks. Unloaded and racked 8700' + of 2 3/8" OD, J-55 SH tbg. Talled and ran 8600' of 2 3/8" tbg, csg scraper and 3 7/8" rock bit. Closed well in and SD.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Les Hender TITLE Engineer DATE 12/15/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DEC 29 1980

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 14: 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.

12/07/80 SD. Displaced fresh water out of csg w/140 bbl 2 % KCl water; tested BOP and casing w/1500 psi, 30 min. held O.K.
 12/08/80 Spotted 250 gal acetic acid @ 9498.5'. POH. Ran GR and CB Logs.
 12/09/80 Perf 8486'-8488', 8477'-8480', 8450'-4864' and 8444' to 8446' w/2 JSPF (21' - 42 holes). RIH w/pkr and SN to 8370.67'. Reversed acetic into tbg w/4 bbl 2% KCl water. Set pkr @ 8370.67'. Displaced acid into formation PIP-1 BPM @ 3100 psi; ISIP-3000 psi; 1.5" SIP-0 psi. On 4th swab run had oil and GTS. Swbd 30 BO in 1 1/2 hrs. SITP-1100 psi; FTP-200 psi through full open choke; making oil; flwg to frac tank. By-passed choke; flwg through 2" line to frac tank. FTP stabilized @ 50 psi; flwd 60 BO in 3 hrs. Flwd 15 bbl/hr through full open choke; FTP-50 psi; all oil (total of 110 bbl in 8 hrs). SD @ 4:p.m.
 12/11/80 SITP-1100 psi. Flwd for 15" and closed in tbg. Hooked up Dowell Tree Saver, Hughes Kill Truck and Dowell acid equipment. Acidized 4 1/2" csg perfs from 8444' to 8488' w/2000 gal 15% MSR-100 and 500 SCF N₂/bbl. Dropped 63 ball sealers in 21 stages of 3 balls every 2 bbl acid. Max press-5300 psi; ATP-4200 psi @ 4²BPM; Min press-3175 psi. ISIP-2400 psi; 5" SIP-1400 psi. Balled out to 5300 psi w/2 bbl flush remaining. Press back side to 1500 psi during treatment; no flowing into test tank @ 12:30 p.m. through 24/64" choke @ 610 psi TP. 12:30 to 1:30 flwd 44 bbl @ 700 psi; 1:30 to 2:30 flwd 44 bbl @ 725 psi; 2:30 to 3:30 flwd 41 BBL @ 725 psi. Shut well in @ 3:30 p.m. SITP-1025 psi. Released Clarke Unit @ 3:45 p.m.