

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

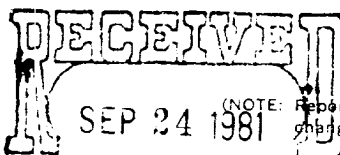
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

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.)
AT SURFACE: 1980 FNL & 660' FSL
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) 4 1/2" csg report & Test



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.)*

8/20/81 TD-9608' prep to cement csg. 3 1/4 hrs-LOGGING; 2 3/4 hrs-trip: 3 hrs-circulating to run csg; 8 1/2 hrs-LD DP and DCs; 6 1/2 hrs-running csg. Ran 238 jts (9630.47') 4 1/2" csg as follows and set @ 9608':

25 jts 11.6# LT&C N-80	(986.47')
52 jts 11.6# LT&C J-55	(2081.41')
88 jts 10.5# ST&C J-55	(3548.97')
36 jts 11.6# LT&C J-55	(1453.36')
37 jts 11.6# LT&C N-80	(1560.26')
238 jts	9630.47'

Cemented w/675 sx Class "H" 50/50 POZ w/2% Gel, 6# salt and .3 of 1% CFR-2/sx. PD @ 8:10 a. m. 8/20/81 w/2500 psi - held o. k.

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

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

SIGNED Paul J. Smith TITLE Engineer DATE September 23, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL _____
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.

8/27/81 TIH w/bit, scraper, DC's & tbg. T/PRTD @ 9564'.
 RU D/O plug, floatcollar & 36' cement. New PRTD
 9600' circ hole w/2% Kcl water. Tested csq. &
 BOP to 1500 psi-30" Held O. K.

8/29/81 RU Geo-Vann. Ran GR-CBL, PRTD 9590'. Top of
 cement 6638', Perf 9558'-9566' 2 JSPF w/3 1/8"
 csq gun. RU Baker Model R pkr on 2 3/8" tbg.
 GIH to 9562' SDFN.

8/31/81 GIH w/Baker Model R pkr, SN, & 2 3/8" tbg. RU
 Dowell & spot 1 Bbl of 15% MSR-100 @ 9566. Pull
 pkr up to 9435 & set. RD BOP, RU Tree, break
 down wolfcamp formation. CP increasing SD
 (break down). RD tree, RU BOP, Unseat pkr, move
 down 10' set pkr 9445'. Break down wolfcamp
 formation. Formation broke 4600, injection rate
 1/2 Bbl/min @ 4550 psi, pumped 3 Bbls 2% Kcl
 water. SD ISIP-4000, 5 min - 100. RD Dowell
 RU to swab. IFL-surface, FFL-5500, Rec 25 Bbls
 fluid (100% water). No show of oil or gas. SDFN.

9/01/81 RU Dowell & acidized perfs 9558' to 9566' 2/1750
 gals 15% MSR-100 and 32 ball sealers. Max Press
 7700 psi. Avg Press 6000' psi @ 3.8 B/M. FPIP-
 7400 psi. Formation balled out 3 times. ISIP-
 7400 psi 15 min SIP 7400 psi, 69 BLTR bled press
 down to 4000 psi & removed tree saver. Started
 load recovery @ 12:30 p. m. Flwd well to 2:30
 EST rec 30 BLW, RU swab IFL-500' swab 40 BLW, FFL-
 2200'. Last run show of oil & gas.

9/04/81 RD Tree, NU BOP, Unseat pkr & POH, RU Geo Vann,
 Set CIBP @ 9554' w/20' cement. SDFN.

9/05/81 RU Geo Vann, GIH w/Perf guns. Perf Wolfcamp form
 from 9496' to 9523' w/2 sh/ft (48 shots). RD
 Geo Vann & RIH w/ Baker Model R DG pkr, SX &
 2 3/8" tbg to 7000'. SD.

9/8/81 Resumed TIH w/tbg Hung pkr @ 9520' BK circ w/34
 BW Pumped 2 BA to spot. Pulled 5 jts tbg, Set
 pkr @ 9380'. Displaced acid into perfs 9496'
 to 9520' (wolfcamp) MXP 2500 avg tr rate 3 B/M
 @ 2500 psi, ISIP-1600 psi 1" SIP Vac. Total load
 81 Bbls, RU swab, Rec 96 BF, slight show gas, No
 oil, FFL-2600' fs.

9/9/81 RU Hughes & CRC to run temp & Pump in tracer Survey
 Survey indicate major entry @ 9496' to 9520'
 Wolfcamp perfs, RD CRC & Hughes, SDFN.