Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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.)

RECEIVED
APR 23 1981
U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

1. oil well XX gas well ☐ other

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

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
N. Young Bone Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T-18S, R-32E

12. COUNTY OR PARISH
Lea

13. STATE
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3489' GR

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	☐		XX
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Squeeze, Drill Out, Re-perf			

(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.)*

3/21/81 RU Halliburton: pmpd 40 bbls 2% KCl water down tbg. Set cmt retainer @ 9150'. Press annulus to 500 psi; held O.K. Test tbg to 5000 psi; held o.k. Established injection rate @ 5 BPM @ 2000 psi. Prep to squeeze perfs from 9286' to 9364' w/200 sx Class "H" w/.6% FLAC and 200 sx Class "H" neat. Displaced w/20 bbls fresh water @ 2 BPM @ 3000 psi. Shut down to check squeeze. Press squeeze to 4500 psi: squeeze held o.k. Pulled out of retainer and reversed out excess cement w/KCl water. Reversed out 75 sx. Pulled 10 stands and shut down. WOC

3/23/81 RU Davis Tool Co. Reverse Unit. RIH w/bit, 4 DC's, and 2 3/8" tbg. Tagged cement retainer @ 9160'. SD

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

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

SIGNED Pete Yardley TITLE Engineer DATE April 21, 1981

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
PETER W. CHESTER
APR 28 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

24/81 Started drlg out retainer and cement. Drld out good cmt. to 9325' (New PBTD). Circ hole clean w/2% KCl water. Pressure tested squeeze to 1000 psi - held o.k. Started DOH and SD.

25/81 Finished POH w/tools and tbg. Released Davis Tool Co. RU Geo-Vann to perforate from 9286' to 9290' and from 9303' to 9305', w/2 JSPF (total of 12 shots - .4" diameter) Pulled OOH w/guns. Released Geo-Vann. RIH w/Baker Lok-set pkr, On-Off tool, and 2 3/8" tbg. Shut down.

26/81 SITP-0 psi. Finished running tbg in hole. Tagged bottom @ 9313', Pulled tbg up to 9306', RU Dowell and spotted 500 gals 15% MSR-100 across perfs. Pulled pkr up to 9200' and pumped acid into tbg. Set pkr. started breakdown. Formation broke @ 6200 psi. Initial injection rate - 1/4 BPM @ 6000 psi; Avg injection rate 1/4BPM @ 5700 psi; Final injection rate - 1/4 BPM @ 5900 psi. ISIP-5800 psi; 5 min SIP-3650 psi. SD. Total load to recover - 27 bbls.

30/81 SITP-500 psi (42 hrs). IFL-7000' from surface; 50% oil on 2nd run; FFL-9200' from surface. Swbd dry. RU Dowell to acidize csg perfs from 9286' to 9305', using 3000 gal 20% MSR-100 w/24 ball sealers and 2% KCl water to flush. Max press-6330 psi; Avg Press-2875 psi; Final Press-550 psi; Max Rate-3.0 BPM; Avg Rate-2.4 BPM; Final Rate-2.8 BPM ISIP-vacuum. Small amount of ball action. Total load to rec-109 bbl. Released Dowell; RU to swab. IFL-1000' from surface; FFL-2200' from surface. Swbd back 120 BLW w/5% oil. SD.

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 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.