

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY TO O. C. G.
SUBMIT IN TRIPLICATE
OTHER (SPECIFY) _____Form approved
Budget Bureau No. 42 R1424
LEASE DESIGNATION AND SERIAL NO.

NM-4364

6. INDIAN ALLOTTEE OF TRIBE NAME _____

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT" for such purposes.

1. WELL _____ OTHER _____

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State topographic maps.)
AS SHOWN _____

660' FSL & 1980' FEL

5. WELL DEPTH

15. ELEVATIONS (Show whether 11, 10, or 100 ft.)

3846.9' GL

7. WELL AGREEMENT NAME _____

8. PART OR LEAST NAME

Young Deep 4 Federal

9. SOURCE NO.

1

10. FIELD AND ZONE OR ACREAGE

Wildcat

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

Sec. 4, T-18S, R-32E

12. COUNTY OR TOWNSHIP, STATE

Lea

N.M.

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

NATURE OF INTENTION TO:

1. TO WATER SUPPLY

2. TO FILL OR ALTER CASING

3. TO RE-DRILL

4. MULTIPLE COMPLETION

5. TO CHANGE SIZE

6. ABANDON*

7. TO CHANGE WELL

8. CHANGE PLANT

9. OTHER

NATURE OF REPORT OF:

10. TO REPORT

11. REMEDIAL WELL

12. TO REPORT

13. ALTERING CASING

14. TO REPORT

15. ABANDONMENT*

16. TO REPORT DST #2 & DST #3

X

17. TO REPORT results of multiple completion on Well
(Use either of the completion Report and Log forms.)

18. TO REPORT results of COMPLETED OPERATIONS (Clearly state, in pertinent detail, the nature of the operations, the estimated date of starting any proposed work. If well is directionally drilled, give subsurface location, formation, and true vertical depth, or all three, and zones pertinent to this work.)*

7/13/80 Depth-11,774' Lime & shale. DST #2 11,720' - 11,774'. Misrun - Packers failed.

7/14/80 Depth-11,774' Lime & shale.

Results of DST #3 from 11,676' - 11,774'

At 12:00 a.m. 7/14/80, loaded DP w/1000 psi N₂ blanket; 12:45 a.m. opened tool w/1000 psi surface press; 1:00 a.m. closed tool w/1000 psi surface press. Took 60" ISIP. 2:00 a.m. opened tool on 1/4" choke w/1000 psi; w/800 psi; 2:30 a.m. opened 1/4" choke w/500 psi; 3:25 a.m. 0 psi surface press; closed 3/8" choke; 4:00 a.m. closed tool w/0 psi w/very weak blow. No GTS. Rec 279' drlg fluid. Sampler: 2.95 CFG; 500 psi; 1500 cc drlg fluid.

RECEIVED

JUL 22 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

SIGNED

Perk Hardu

TITLE Engineer

DATE July 18, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

DATE

JUL 23 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

JUL 29 1980

RECEIVED

Instructions

General: This form is designed for submitting proposals to perforate 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, 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 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 of fluid contents not sealed off by cement or otherwise (depth, top and bottom) and method of placement of cement plugs; mud or other material placed below, between 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 data well conditioned for fluid inspection looking to approval of the abandonment.

GOVERNMENT PRINTING OFFICE: 1975 O-696279

6-47-465

BOTTOM CHART	
5817 psi	1372/1395 psi
5460 psi	1372/252 psi
5281 psi	
5728 psi	
1460 psi	

TOP CHART	
5490 psi	1338/1338 psi
5422 psi	
1315/162 psi	
5172 psi	
5649 psi	

PRESSURES	
1HP	15" PF
60" ISIP	
120" FF	
240" FSIP	
FHP	
BHT	

Cont'd

7/14/80