

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-14789-A

6. IF INDIAN, ALLOTTEE OR 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 reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		Young Deep Unit	
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME	
P. O. Box 1933, Roswell, N. M. 88201		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & FWL		10. FIELD AND POOL, OR WILDCAT	
		Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		Sec. 10, T-18S, R-32E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	3845.8' GL	Lea	N. M.

16. 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) DST #1 & #2

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

2-18-80 DST No. 1 from 7810' - 7976' (166'):

Tool open 5:00 pm. Good blow, increased to 5-1/2 psi on 3/8" choke in 5 min; increased to 8 psi in 10 min; decreased and died in 15 min. Closed tool at 5:30 pm for ISIP. Reopened tool at 6:30 pm for 90 min; had 0 psi w/fair blow. Blow decreased and died after 75 min. Closed tool at 8:00 pm for 3 hour FSIP. 11:00 pm POH. Rec: 6000' formation fluid; Cl-102,000; Pit Cl-83,680. Sampler: 400 psi; 0 gas, 0 oil; 2100 cc formation fluid.

Pressures:

IHP	3616 psi
30 min IF-FF	2345-3316 psi
60 min ISIP	3326 psi
90 min 2nd IF-FF	3326 psi
3 hour FSIP	3326 psi
FHP	3623 psi
BHT	112° F

(OVER)

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

SIGNED

TITLE

Engineer

DATE 2-22-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

DST No. 2 from 8420' - 8430' (60') :
Tool open at 9:13 am w/fair blow; surface press increased to 3-1/2 psi in 10 min w/strong blow; increased to 8 psi next 5 min. Opened on 3/8" choke; surface press increased to 29 psi at end of 30 min IF period. Closed tool at 9:43 am for 60 min SIP; had GTS in 7 min into the SI period. Reopened tool at 10:43 am w/good blow; press increased to 4 psi in 10 min. Placed on 3/8" choke; had GTS; press increased to 29 psi in 1 hour and decreased to 20 psi at end of 90 min 2nd flow period. Closed tool at 12:13 pm for 180 min FSIP. Released packers, pulled 5 stands and reversed out. Recovery: 4428' of free oil and 60' water. Sampler: 900 psig, 18.33 cu ft of gas, 850 cc of oil, 37.6° gravity at 60° F, 0 water, 0 mud. BHT 122° F.

Top Chart		Bottom Chart	
IHP	3772	3772	
30 min IF-FF	145-504	158-506	
60 min ISIP	3397	3424	
90 min 2nd IF-FF	504-1007	538-1041	
180 min FSIP	3379	3408	
FHP	3758	3804	

GPO 680-160

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2-21-80