

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Contract 83	
2. NAME OF OPERATOR Jerome P. McHugh		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
3. ADDRESS OF OPERATOR P.O. Box 234, Farmington, NM 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 840' FSL - 1190' FEL		8. FARM OR LEASE NAME Jerome	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7220' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABNA Section 18 T28N, R3W	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OR	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

10-11-77

Moved in and rigged up Young Drilg. Co. Rig #2. Spudded 12-1/4" hole @ 5:00 p.m. 10-10-77. Drilg. to 204'. Ran 6 jts. 8-5/8" OD 24# ST&C csg. TE 188.17' set @200' RKB. Cemented by Woodco cementers w/125 sx w/2% Calcium Chloride. Good cement to surface. P.O.B. 1:00 a.m. 10-11-77.

10-19-77

Laid down drill pipe. Ran 131 jnts 4-1/2" OD 10.5#, 8 Rd., K-55, ST&C CF & I csg. TE 4160.10' set @ 4157' RKB. Cemented by Dowell w/100 sx 65-35 plus 12% gel followed by 150/sx class "B" w/10# Kolite per/sx (total slurry 464 cu. ft.) Spearheaded w/420 gals. C.W. 100 "mud sweep". Good mud returns through out job. Recipricated pipe OK while cementing. Max cementing press 1200 psi. Bumped plug w/2000 psi - float held OK. POB 2:42 p.m. 10-18-77. Set 4-1/2" csg slips. Cut off csg. and released rig @ 3:30 p.m. 10-18-77.

(Cont'd on Back)

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

SIGNED Thomas A. Dugan TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DATE 11-1-77

DATE 11-1-77

*See Instructions on Reverse Side

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 contents not sealed off by cement or other fluid contents; amount, size, method of parting; above plugs; amount, size, method of parting; conditioned for final inspection looking to app

10-27-77

10-28-77

Removed adapter flange below BOP, cleaned up, taped and reinstalled, Dowell broke down fm. 1800 psi, Ran 300 gal. acid with 50 balls, pump rate 8 B/M at 600 psi, good ball action had six good breaks, did not ball off, Max press. 2500 psi, bled press. off, ran junk basket on rig sand line recovered 17 balls with perf marks and 13 balls w/o marks. Nowsco had heater problems, waited 2-1/2 hrs. to repair truck. Started foam frac. at planned 20 Bbls foam/min. After 18 min. frac sanded off with press at 4000 psi, flowed well back for 5 min., attempted to restart frac, Dowell pump sanded up, flowed well back while repairing truck, start frac, well head valve cut out from flowing back after sand off, installed second valve, restarted frac. I.R. of foam 20 B/M, I.F. 1800 psi, Ave. 2000 psi, Max 3300 psi, Final 2500 psi, ISDP 1900 psi, 10 min. shut in, 1550 psi, Ave. IR 20 B/M. Made three ball drops, first drop-10 balls, good ball action, slight press. increase, 2nd drop - 5 balls, good action, slight press. increase, third drop - 5 balls, press. increased from 2150 to 3300 and broke back to 2500 psi. Used total of 518 Bbls. water, 131 gal. F-78 foaming agent, 95,000 lbs. 10-20 sand, 828,800 S.C.F. of nitrogen.

Well flowing estimated 750 MCFGPD Dry. Ran 120 jnts 1-1/4" OD 2.4# CSWW 10 rd. EUE tbg. TE 3964.78 set at 3976' RKB. Tagged sand @4005'. Btm. two sets perfs covered with sand. Did not clean out. Released pulling unit and shut well in 1:00 p.m. 10-28-77.

(Cont'd on Back)

Signature of Engineer

DATE

(This space for Federal or State office use)

DATE

APPROVED BY

COORDINATOR OF APPROVAL IN AREA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS
APPLICATION FOR ABANDONMENT OF WELL
NAME OF OPERATOR
ADDRESS OF OPERATOR
P.O. Box 234, Farmington, NM 87401
LOCATION OF WELL (Report location clearly and in accordance with local State requirements)
See also page 17 (Notes)