

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse 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 any well.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. S.F. 078049
2. NAME OF OPERATOR Jerome P. McHugh	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 234, Farmington, New Mexico 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 970' FNL, 850' FWL Sec. 28	8. FARM OR LEASE NAME Hardie
	9. WELL NO. 2
	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 28; T29N, R8W, NMPM
14. PERMIT NO.	12. COUNTY OR PARISH San Juan
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6407 Gr.	13. STATE New Mexico

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>			

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).\*

8-2-67 PSTD 7568. Ran Wellex Gamma Ray correlation log - pressure test casing, well head and SOP to 4000 psi - held O.K.  
Perf. 2 jets per ft. 7554 - 56, 7545 - 47, 7533 - 35, 7522 - 24 and 7510 - 12.  
Broke down perf. w/4200 gal water I.R. 35 B/M at 4000 psi.  
Instant shut in pressure 1200 psi  
Perf. 2 jets per ft. 7496 - 98, 7475-77, 7458 - 60, 7422 - 24 and 7388 - 90  
Frac all perf. with 20,000 lbs. 20-40 sd. 25,200 gal. water w/2 1/2# J-100 per 1000 gal. I. F. 3800 psi, Max. 3800 psi, Ave. 3300 psi, Final 3300 psi. Immediate shut in 1400 psi. Ave. I.R. 49 BPM, perf. 2 jets per ft. 7311-13 and 7294-96.  
Frac all perf. w/ 60,000 lbs. 20-40 sd. 65,620 gal. water w/ 2 1/2# J-100 per 1000 gal. I.F.P. 3700 psi, min. 3200 psi, max 4500 psi, Ave. 4000 psi, Final 4000 psi, Max. I.R. 48 B/M, Ave. I.R. 42 B/M  
Immed. shut in 1400 psi, 15 min. shut in press. 1200 psi  
Drop 8 balls, pressure increased from 3200 to 4000 psi  
Slowed pumps, injected 250 gal. 15% acid, pressure broke back 500 psi  
Increased injection rate to 40 B/M. Shut well in for 1 hour after frac complete.  
Open well to pit - well kicked off during night, making est. 2600 MCF with heavy spray water.

8-3-67 PSTD 7568. Ran 244 jts, 1 1/4" O.D. 2.4# YCO-55 10R EUE Youngstown tbq.  
T.E. 7506.81 set at 7519 RKB. Released rig 4:00 PM 8-2-67. Shut well in.

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

SIGNED Thomas A. McHugh TITLE Engineer

DATE 8-11-67

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

\*See Instructions on Reverse Side

RECEIVED

AUG 14 1967

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.