

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT 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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 4465	
2. NAME OF OPERATOR Dugan Production Corp.		6. IF INDIAN, ALLEGOTED OR TRIBE NAME	
3. ADDRESS OF OPERATOR 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 790' FSL - 800' FEL		8. FARM OR LEASE NAME Mayre	
14. PERMIT NO.		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RS, etc.) 5542' GR		10. FIELD AND POOL, OR WILDCAT Harper Hill Fruitland PC	
		11. SEC., T., R., N., OR BLK. AND SUEVEY OR AREA Sec 27 T30N R14W	
		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

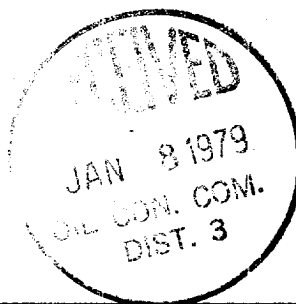
(Other)

(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.)*

12-28-78

Western Co. frac'd Pictured Cliffs and Fruitland fm. using 605 HP, 325 bbls water with 2-1/2# FR-4 per 1000 gal. 9450 lbs 10-20 sand. IF 1000 psi, Max 1600 psi, Min. 1000 psi, Ave 1300 psi, Final 1300 psi. ISDP 300 psi, 5 min shut in 100 psi. Ave IR 19 B/M, Max IR 20 B/M. Dropped 10 balls with 2/3 of frac in well. Good ball action. Press increased 1200 psi to 1600 psi. Shut well in 3 hrs after frac. Opened well up. Well on vac.



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

SIGNED

Thomas A. Dugan
Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

1-13-79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMACE