

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-26-0603-1406

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco Wash

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 2, T24N R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

## 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 ☐

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

Box 234, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

1630' FSL - 1140' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6549' GR

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) ☐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.)\*

4-25-78

Rigged up Blue Jet. PBTD 6265' RKB. Ran Gamma Ray Correlation and collar logs. Perforated w/1 3-1/8" Bull Jet/ft 6080-93', 6054-64', 6040-50', 5671-81', 5358-5368', 5274-84', 5252-62', 5200-5210', 5122-5132', 5098-5108', (total 103 holes). Picked up Baker retrievable bridge plug, retrieving head and 4-1/2" retrievematic packer. Made trip in hole with same.

(CONT'D ON BACK)

RECEIVED

MAY 6 1978

GEOLOGICAL SURVEY

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

DATE

4-26-78

Set retrievable bridge plug @ 6131' and packer @ 6001'. Treated Greenhorn perfs 6040-6050', 6054-6064', 6080-6093', w/500 gals. 15% reg. acid. AVE TP 3500 psi @ 2.4 B/M. Dropped 27 ball sealers in acid. Had 500 psi decrease when acid hit perfs. Good ball action. ISDP 3000 psi - 3 min stg pressure 2900 psi. Moved bridge plug 5741' and packer to 4644'. Treated perfs 5671-81' with 400 gals 15% reg acid. Initial treating pressure 3000 psi @ 3B/M before ball sealers and acid hit formation. No indicated ball action. ISDP 2100 psi, 3 min stdg pressure 1900 psi. Moved bridge plug to 5418' and packer to 5223'. Treated perfs 5358-68 w/400 gals 15% HCl reg acid. BD pressure 3000 psi, Ave. treating pressure 1900 psi @ 4 B/M, 400 psi pressure break w/ acid hit formation. Dropped 8 ball sealers in acid. Slight ball action. ISDP 400 psi, 3 min stdg pressure 350 psi. Moved bridge plug to 5321' and packer to 5223' and treated perfs 5252-62 and 5274-84 w/400 gals 15% reg acid. Ave TP 1800 psi @ 4.2 B/M. Dropped 18 ball sealers. Good ball action. ISDP - 650 psi, 3 min stdg. pressure 375 psi. Moved bridge plug to 5223' and packer to 5157'. Treated perfs 5200-5210' w/400 gals 15% HCl reg acid. BD pressure 2400 psi. Ave TP 1500 psi @ 4 B/M. Dropped 8 ball sealers in acid, good ball action, ISDP 550 psi 3 min stdg pressure 425 psi. Attempted to move bridge plug. Unable to pull same. Set packer at 5157' and treated perfs 5098-5108' and 5122-5132' down tbg csg annulus. Treated with 400 gals 15% HCl reg acid. Average treating pressure 1500 psi. Pulled tbg and packer. Picked up different retrieving head. Started back in hole to retrieve bridge plug.

4-28-78

Rig crew did not work. Western Co. fraced all perfs using 2702 HP, 300,000 lbs. 20-40 sd, 3060 Bbls water with 1 gal aquaflo, 15# aquaseal, 20# cross linked gel per 1000 gal water (Mini-Max II) 2 gal foamex per 1000 gal in last 30,000 gal of frac, plus 350 lbs of breaker. IF 2800 psi, Min. 1800 psi, Max 3100 psi, Ave 2100 psi, Final 3000 psi. Ave IR 52.5 B/M, Max IR 55 B/M, ISDP 1200 psi, 15 min Shut in 850 psi. Made five ball drops of 10 balls each. Pressure increased as follows:

1st drop	50 psi
2nd drop	100 psi
3rd drop	100 psi
4th drop	500 psi
5th drop	700 psi

Ran sand as follows:

10,000 gal.	pad
15,000 gal.	1#/gal
30,000 gal.	2#/gal
35,000 gal.	3#/gal
30,000 gal.	4#/gal

Flushed with 90 Bbls water. Shut Well in overnight.

5-2-78

Ran 15 jts back in hole. Had 40' fill up. Came out of hole w/tbg. Re-ran 184 jts 2-3/8" OD 4.7# CW-55 8R EUE Non-API tbg. TE 6007.01'. Set @ 6016' RKB. Landed donut and rigged down. BOP. Installed master valve. Shut well in. Released rig.