

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.

14-20-0603-1405

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco Wash

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 2 T24N R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

P. O. 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

790' FNL - 790' FEL

14. PERMIT NO.

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

6558' GR

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐WATER SHUT-OFF ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐FRACTURE TREATMENT ☐SHOOT OR ACIDIZE ☐ABANDON\* ☐SHOOTING OR ACIDIZING ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) perf & frac ☒(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.)\*

3-29-78

Moved in and rigged up Bedford Inc. pulling unit Picked up 130  
jts 2-3/8" tbg.

3-30-78

Tagged stage tool @ 4425'. Rigged up Dotco power swivel and drill  
stage tool. Ran tbg to bottom - tagged @ 6366'. Circulated hole  
w/100 Bbls clean water.

3-31-78

Rigged up GO Wireline. Ran gamma ray correlation and collar log.  
Perforated w/1 jet/ft 6144-54, 6123-34, 6104-6116', 5848-5858',  
5434-5444', 5368-5378', 5340-5350', 5286-5296', 5208-5218', 5180-  
5190'. Picked up Baker retrievable bridge plug - retrieving head  
and Retrievamatic packer. Ran 157 jts tbg in hole. Shut down  
for night.

(cont'd on back)

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

SIGNED

Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

4-3-78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

4-1-78

Set retrievable bridge plug at 5257' and 4-1/2" retrievematic packer at 5118'. Western Co. pressured up to 4000 psi down tbq csg annulus. BOP and csg held OK. Treated perfs 5180-5190', and 5208-18', with 400 gals 15% HCl reg acid. BD 1900 psi, Average TP 1800 psi @ 3.7 B/M. Dropped 15 ball sealers - no ball action - Moved bridge plug to 5323' and set packer @ 5249' to treat perfs 5286-5296'. Started to pump down tbq. Communicated around packer. Moved packer to 5310' and pressured up to test packer - held OK. Moved packer to 5280' - communicated around packer - apparently communicating through perfs behind csg. Moved BP to 5406' and packer to 5315' to treat perfs 5340-5350' and 5368-5378'. Had communications around packer. Moved BP to 5487' and packer to 5414'. Treated perfs 5434-5444' with 500 gals 15% reg. acid. Breakdown pressure 1400 psi. Dropped 8 ball sealers. Had good ball action. Final treating pressure 2500 psi @ 3.7 B/M. Well flowed back strong after this stage. Moved bridge plug to 5912' and set packer @ 5807'. Treated perfs with 500 gals 15% HCl reg. acid. Initial treating pressure 4000 psi at 1 B/M. Good break back to 3200 psi @ 3.7 B/M when acid hit formation (did not drop balls at this stage) ISDP 2000 psi - 3 min. stdg. pressure 2000 psi. Moved BP to 6203' and set packer at 6068'. Treated Greenhorn perfs 6104-6116', 6123-6134' and 6144 6154' with 600 gals 15% reg acid and 2000 gals 28% HCl acid. Dropped 30 ball sealers in 28% acid. BD pressure 3900 psi. Broke back to 3300 psi @ 2.8 B/M. Pressure increased to 3500 psi @ 2.5B/M ISDP 2800 psi 3 min. stdg. pressure 2500 psi. Retrieved BP and pulled out of hole. Prep. to SWF.

4-2-78

Well pressured up bled press off, Well flowing oil and gas Blew down in 3 min. , Western Co. fraced Gallup and Greenhorn FM using 1914 Bbls water with 2-1/2# FR-2 and 1-1/2 gal aquaflow per 1000 gals frac fluid, 70,000 20-40 sd, 1995 HP, IF 2000 psi, Min 1200 psi, Max 4400 psi, Ave 2200 psi, Final 1200 psi. ISDP 300 psi. 15 Min Shut In 300. Ave. IR 37 B/M Max IR 50 B/M. Made 3 ball drops of 20 balls each. No press increase on first two drops. 500 psi increase on third drop, then made two ball drops of 10 balls each first drop 10 ball drop, press increased 800 psi, second drops press increase to 4400 psi and broke back, had 2 good press breaks while pumping at 3500 psi and 25 B/M. Shut well in.