

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-1408

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco Wash

9. WELL NO.

#7

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec 11 T24N R9W

12. COUNTY OR PARISH 13. STATE

San Juan

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

1450' FNL - 860' FWL

14. PERMIT NO.

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

6622' 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

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

## SUBSEQUENT REPORT OF

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Perfs

Rods

(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 perti-  
nent to this work.)\*

10-13-78

PBTD 6317'. Blue Jet ran Gamma Ray correlation and collar logs.  
Perf w/1 super dyna jet per foot 6110-24, 6086-96, 6070-80,  
5774-88, 5386-96, 5298-5308, 5278-88, 5224-34, 5128-38, 5106-16  
(total of 108 holes). Picked up Baker BP and Retrievamatic  
packer. (had trouble getting started in hole due to flat spot in  
4-1/2" bell nipple pulled BOP and filed bad spot in bell nipple.)  
Ran 136 jts in hole and 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

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

NMDCS

10-16-78

Baker bridge plug set @ 6185' and retrievematic packer @ 6040'. Treated perfs 6070-6080, 6086-96, 6110-6124 - dropped 30 ball sealers in 250 gals acid. Treating pressure before balls hit 3300 psi @ 2.2 B/M. Got 300 psi increase when balls hit. Displaced acid with 28.5 Bbls water. Moved bridge plug to 5860' and set Baker packer @ 5736'. Treated perfs 5774-5778. Breakdown pressure 3200 psi back to 2900 psi @ 2.7 B/M. Dropped 12 ball sealers in 250 gals 15% HCl reg acid. Got 100 psi decrease in pressure when acid hit formation but no ball action. Displaced acid with 26 bbls water. ISDP 2100 psi. 5 min stg pressure 2050 psi. Moved bridge plug to 5473' and set packer @ 5342'. Treated perfs 5386-5396. Breakdown pressure 2100 psi back to 1000 psi @ 3.2 B/M. Dropped 10 ball sealers in 250 gals 15% HCl reg acid - good ball action. Maximum treating pressure 2600 psi @ 2.6 B/M. Displaced acid with 24 bbls water. ISDP 300 psi. 5 min stdg pressure 300 psi. Moved bridge plug to 5350 and set packer @ 5250'. Treated perfs 5278-5288 and 5298-5308' - breakdown pressure 2400 psi. Average treating pressure 1400 psi @ 3.2 B/M. Dropped 20 ball sealers in 250 gals 15% HCl acid. Slight ball action displaced acid w/25 bbls water. SIDP 350 psi. 5 min stdg press 200 psi. Moved bridge plug to 5259' and set packer @ 5189'. Treated perfs 5224-5234 breakdown 1700 psi, treating pressure 1200 psi @ 3.3 B/M before acid and balls hit - got 400 psi increase when ball hit. Dropped 10 ball sealers in 250 gals 15% HCl reg acid. Final treating pressure 1600 psi @ 3.0 B/M. Displaced acid with 24 bbls water. ISDP 300 psi 5 min stdg pressure 300 psi. Moved bridge plug to 5192' and set packer @ 5069'. Treated perfs 5106-5116 and 5128-5138 breakdown pressure 2200 psi, treating pressure 1700 psi @ 3.1 B/M before balls hit dropped 20 ball sealers in 250 gals 15% HCl reg acid - very slight ball action. Displaced acid w/24 bbls water. ISDP 1000 psi, 5 min stdg press 1000 psi. Retrieved bridge plug and pulled out of hole with packer and bridge plug.

Western Co fraced Gallup and Greenhorn fm using 1560 bbls of water with 2# FR-2 per 1000 gal water, 58,200 lbs 20-40 sand, 2 gal of aquaflo per 1000 gal water IF 1800 psi, min 1600 psi, max 4100 psi, ave 1800 psi, final 4000 psi. Ave IR 40 B/M Max IR 44 B/M. Made ball drop of 20 balls press increased 250 psi. Ball drop of 10 balls press increased 500 psi. Made third ball drop of 10 balls, well balled off, could not pump in at 4000 psi, unable to flush csg. ISDP 3200 psi 15 min shut in 2650 psi. Opened well to atmosphere.

10-17-78

Well dead. Made trip in hole w/tbg. Attempted to circulate hole to clean out sand covering Greenhorn perfs. Hole taking fluid and unable to transfer water from frac tank. Shut down for night.

10-18-78

Circulated out sand to 6210' RKB. Had trouble circulating due to formation taking fluid. Lost approx 300-350 bbls water to formation. Pulled out of hole and ran 2-3/8" tbg as follows:

(Cont'd on next page)

1 jt 2-3/8" OD 4.7# 8R EUE tbg	29.12
1 3' 2-3/8" OD 4.7# 8R Perf. Npl.	3.05
1 2-3/8" OD 8R Seating Npl.	1.15
207 jts 2-3/8" OD 4.7# 8R EUE tbg	<u>6057.81</u>

Total Equipment	6091.13'
RKB to Tbg head	<u>10.87</u>

Set @ RKB	6102.00'
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Nippled down BOP and Nippled up wellhead.

10-19-78 Swabbed well 10 hrs., fluid level @ 200' from surface when starting to swab - csg on vacuum - at end of day fluid level @ 1200' from surface w/pressure on csg TSTM. Swabbing clear water with slight show oil. No indication of sand entry.

10-20-78 Swabbed well five hours - very slight show oil w/clear water. Rigged up rod tools and ran rods as follows:

125	5/8" plain rods 25' long	3125'
103	3/4" spiral scraper rods 25' long	2575'
13	3/4" Huber scraper rods 25' long	325'
1	3/4" x 10' rod sub	10'
1	3/4" x 6' rod sub	6'
1	3/4" x 2' rod sub	<u>2'</u>
Total		6043'

Ran 2" x 1-1/2" x 16' RWAC Axelson pump. Checked pump action OK - set on clamp and shut well in.