

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Commingled/ Ap pending

2. NAME OF OPERATOR  
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR  
P O Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1850' FSL - 790' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			<u>XX</u>

5. LEASE  
NM 16760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
MF

9. WELL NO.  
3

10. FIELD OR WILDCAT NAME  
Bisti Gallup & Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 14 T24N R10W

12. COUNTY OR PARISH | 13. STATE  
San Juan | NM

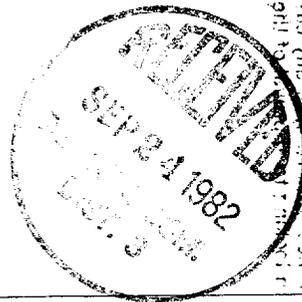
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6848' GL; 6860' RKB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

See attached for plugback of one set of Dakota perf (6245-55)  
Dakota frac (6067-74)  
Gallup perfs (5069-5334)  
Gallup frac  
2-3/8" tubing



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Thomas A. Dugan TITLE Petroleum Engineer DATE 9-16-82

ACCEPTED FOR RECORD

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

SEP 21 1982

NMOCC

BY FRK FARMINGTON DISTRICT  
\*See Instructions on Reverse Side

dp dUGAN PRODUCTION CORP.

DUGAN PRODUCTION CORP.  
MF #3

Recompletion

8-19-82 Tubing 270 psi. Opened well up. Tried to flow. Mostly oil. Swabbed tubing. Fluid level at 1100'; oil down to 3300'. Water down to 6000'. Well gassing most of time. Shut in.

8-21-82 R.U. Geosource

Set bridge plug at 6200'. Ran dump bailer - dumped 50' cement atop plug. PBD 6150'.

R. U. Western Co. to Frac Dakota.

6300 gal. 20# X-link gel pad.

5000 gal 20# X-link gel w/1#/gal 20-40 sd.

5000 gal 20# X-link gel with 1½#/gal 20-40 sd.

3750 gal 20# X-link gel with 2#/gal 20-40 sd.

Flushed to top perf (6067') w/fresh water.

Gel water contained 1680 gal. lease crude, 24 gal Aquaflo, 25# B-5. Total sand - 20,000 lbs. 20-40. Treating Volume (fluid) 20,034 gals. Mini Max - III.

4000 psi max treating pressure controlled pumping rate between 7 and 17 BPM thru-out treatment. ISDP 2600 psi. 15 min. S.I. 1750 psi. Max 4100'. Min 3750. Waited four hours for gel to break w/ well shut in.

R. U. Geosource to perforate Gallup fmtn. w/total 35 holes:

5328-34 1s/2F - 6 feet - 3 holes  
5258-64 1s/2F - 6 feet - 3 holes  
5200-5214 1s/2F - 14 feet - 7 holes  
5178-82 1s/2F - 4 feet - 2 holes  
5164-70 1s/2F - 6 feet - 3 holes  
5125-31 1s/2F - 6 feet - 3 holes  
5096-5114 1s/2F 18 feet - 9 holes  
5069-79 1s/2F - 10 feet - 5 holes

(Continued)

8-21-82 R. U. Western Co. to slickwater frac the Gallup.  
(Cont.)

Pumped 7,500 gal. slickwater pad  
15,000 gal slickwater w/ 1#/gal 20-40 sand  
30,000 gal slickwater w/ 1½#/gal 20-40 sand  
Flushed to perfs w/ slick water.

All water w/ 1 gal/1000 Aquaflo & 1½#/1000 gal FR-2

Total fluid volume - 52,500 gal  
Total sand - 60,000# 20-40 sand

This pumped at 40 BPM and pressure ranged from 1700 initially to 1350 w/ 1.5# gone.

10,000 gal into 1½# - dropped 5 ball sealers and got 150 psi ball action; also at 14,000 gal, 18,000 gal, 20,000 gal & 24,000 gal. into 1½#/gal sand. Dropped 5 ball sealers with similar results. Total 25 ball sealers.

ISDP 350 psi  
Max 2100 psi

15 min SI 350 psi  
Min 1200 psi

8-22-82 Shut down - Sunday

8-23-82 Opened well up. Flowed back strong for 30 min. to 1 hour. Went in hole with tubing. Tag sand at 5907'. P.O.H.

8-24-82 G.I.H. with Baker Hydrostatic bailer. Cleaned out 80' sand. T.O.H. Dump sand. T.I.H. Clean out sand to 6150'. T.O.H. Dump sand. T.I.H. Land tubing as follows: 192 jts. 2-3/8" O.D., 4.7#, J-55, 8RD, EUE tubing. T.E. 6070.68' set at 6078' RKB. Seating nipple at 6041' with tubing bull plugged on bottom. N.D. BOP. N.U. well head. Released F.W.S.