

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

## 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. M 8902	
2. NAME OF OPERATOR Dugan Production Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Box 208, 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 1650' FSL - 1770' FEL		8. FARM OR LEASE NAME Billie	
14. PERMIT NO.		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6645' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 35 T22N R8W	
		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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Perfs, acid, frac	
(Other) <input type="checkbox"/>		(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.)\*

See reverse for perfs, 1-2-81, acid 1-5-81, frac 1-6-81.



ACCEPTED FOR RECORD

MAY 25 1981

BY [Signature] FARMINGTON DISTRICT

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

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

5-21-81

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

OPERATOR

DATE

\*See Instructions on Reverse Side

NMOCC

DUGAN PRODUCTION CORP.

Billie #1

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- 10-29-80      Rigged up the Western Co. and Nowsco. Waiting on water transport. Shut down due to nightfall.
- 10-30-80      Rigged up water transport. Foam fraced perfs@ 1224' - 28', 1238' -42', 1248'-1254', and 1266'-1271'; 19 holes, w/70% quality foam by Nowsco and The Western Co. Used 28 gals ada foam, 15000# 10-20 sand, 109 bbls of water and 99,880 SCR N<sub>2</sub> .2950 ITP. Min 1900 Max 2100 Ave 2000. Average IR 20 BPM. ISDP 1100. Shut-in 2 hrs, flowed well back overnight.
- 11-13-80      T - 23 psi      (shut-in tbg pressure)  
C - 25 psi      (shut-in csg pressure)
- 12-31-80      Swabbed well for 8 runs. Pulled 38 joints of tubing, 1½", and then mixed 25 sacks of cement and pump      in 6-¾ bbls of water. Plug at 1150'.
- 1-2-81      Rig up Southwest Surveys. Tagged PBTD @ I 1134 with sinker bar. Swabbed csg down to 800' Perf 1052' - 1060' 1 SP 2' 5 holes, w/ 2-1/8" bi-wire glass jets. Perf 1045' - 1047', 1 SP 2' 2 holes w/ 2-1/8" bi-wire glass jets. Perf 1034' - 1038', 1 SP 2', 3 holes w/2-1/8" bi-wire glass jets. Swabbed csg down. No sign of fluid entry. Well shut-in.
- 1-5-81      Rigged up the Western Co. Tested lines to 4000 psi. Pumped 315 gals of inhibited 15% HCL acid. Would not breakdown. Unable to pump w/ 4000 psi on casing. Waited 1½ hrs. with 4000 psi on casing. Unable to pump. Shut in well. Rigged down the Western Co. Shut in well for 5 hrs. Rigged up
- Western Co. Tested lines to 4500 psi. Displaced acid w/ 6 bbls of water. Ave. IR 3 BPM, Max 7 BPM, Min 1 BPM. Break-down pressure 4100 psi. Average pump pressure 1100 psi @ 3 BPM. ISDP 500 psi. Shut in well.
- 1-6-81      Tested lines to 4000 psi. Foam fraced perfs @ 1034-1038, 1045-1047, 1052-1060. (Total 10 holes 143" diameter) w/ 70% quality foam. Pad 5000 gal 70% quality foam w/ 1 ppg 10-20 sand. Sand displaced w/ 6.0 bbls of 70% quality foam. 2 balls dropped after 7300# of sand pumped. 200 psi increase in pressure noted. 2 balls dropped after 10,000# of sand pumped. No ball action noted. Total of 4 balls dropped. ITP 1300 psi, max 2900, min 1200, ave TP 2300, 15 min shut-in pressure 900 psi. Shut in well for 2 hrs and flowed back on a 5/8" choke to atmosphere.
- Materials used: 15,000 # of 10/20 mesh sand  
110,000 SCF of N<sub>2</sub>  
30 gals of ada foam  
99 bbls of water  
4 ball sealers  
334 HHP