

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 ☐ gas ☒ other ☐  
2. NAME OF OPERATOR  
Dugan Production Corp.  
3. ADDRESS OF OPERATOR  
Box 208, Farmington, NM 87401  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
1120' FSL - 880' FWL  
AT SURFACE:  
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)			

5. LEASE  
NM 25425  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Grand Gulch  
9. WELL NO.  
#1  
10. FIELD OR WILDCAT NAME  
Wildcat PC  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 6 T24N R7W  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
NM  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7085' GL

(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 sheet for perms and acid/frac, 10-18 thru 11-23-80.

Subsurface Safety Valve: Manuf. and Type \_\_\_\_\_

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

SIGNED Thomas A. Dugan TITLE Engineer DATE 11-24-80

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL

FARMINGTON DISTRICT

- 9-4-80 Finished drlg. to T.D. 2550' 1:30 p.m. Conditioned hole by circulating for two hrs, short trip then circulated for 1 hr. 10:00 p.m. Wellex in hole w/ I.E.S. Log; Log on bank at 12:10 a.m.
- 12:45 a.m. ran Density-Gamma Survey; on bank at 5:15 a.m. Western Drilling went in hole with drill pipe, laid down drill pipe in preparation for running casing.
- 9-5-80 Trip in hole w/ drill pipe, laid down drill pipe and collars; rigged up and ran 90 jts., 2-7/8" o.d., 6.4#, 10Rd. N.E.U.E., tbg. for csg. T.E. 2566.57' set @ 2566 G.L., cemented w/ 75 sks 65-35 plus 12% gel. Followed by 75 sks. class "B" neat - (pre flushed hole w/5 bbls mud flush) - note - all cement had 1/4# flocele per sk. - had good mud return while cementing (total cement slurry 285 cu. ft.) - max. cementing pressure 400 psi - pumped plug w/ 1500 psi - latch down plug held O.K. P.O.B. @ 4:00 a.m. 9-5-80 - released rig @ 4:15 a.m. 9-5-80.

DAILY REPORT

- 10-18-80 Moved in and rigged up F.W.S. swabbing unit - Southwest Surveys. Ran Gamma Ray Correlation and collar logs. P.B.T.D. 2528'. Swabbed csg down to 2000'. Perforated w/ 2-1/8" glass jet per foot, 2484' - 2494'. Made one swab run to btm. No show gas - S.D.O.N.
- 10-20-80 R.U. Allied Services. Break down P.C. formation w/ 250 gal. 15% HCL. 2700 psi - breakdown ave treating pressure - 1000 psi. ISDP - 450 PSI.
- 11-22-80 Rig up the Western Co. Shut down due to nitrogen trucks unable to make turns in road.
- 11-23-80 Rigged up Sunco Water haulers and Halliburton Nitrogen. Test lines to 3000 psi. Frac well w/ 70% quality foam. 3000 gal foam pad ahead of 3000 gals of foam w/ 1 ppg 10-20 sand and 2890 gals of foam w/ 2 ppg 10-20 sand. Well sanded off. Blew back well. Started 1000 gal foam pad. Unable to pump sand. Shut down. Average IR 15 BPM @ 2100 psi. Maximum pressure 4000 psi while placing pad and screening off. Minimum pressure 1700 psi while attempting to restart frac. ISDP 1600 psi. Materials used: 132,000 SCF N<sub>2</sub> (120,100 SCF pumped); 11,000# 10-20 sand, 18 gals adafoam; 140 bbl of water, 250 HHP, shut well in for 2 hrs. Open well to atmosphere w/ 1/2" choke.