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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Brown	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
S. Blanco P.C.	
12. County	
Rio Arriba	

## 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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL <input type="checkbox"/> WELL GAS <input checked="" type="checkbox"/> WELL OTHER <input type="checkbox"/>
2. Name of Operator
DUGAN PRODUCTION CORP.
3. Address of Operator
P O Box 208, Farmington, NM 87401
4. Location of well
UNIT LETTER G FEET FROM THE 1850 North LINE AND 1850 FEET FROM
THE East 34 TOWNSHIP 24N RANGE 2W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
7207' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER Completion <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See reverse for report of perforations 10-19  
acid 10-19  
frac 10-20  
tubing 10-21-81.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>Thomas A. Dugan</u>	TITLE <u>Petroleum Engineer</u>	DATE <u>10-29-81</u>
APPROVED BY <u>Original Signed by FRANK T. CHAVEZ</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>OCT 30 1981</u>
CONDITIONS OF APPROVAL, IF ANY:		

DUGAN PRODUCTION CORP.

Brown #2

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DAILY REPORT

10-15-81 Weld 4½" bell nipples to csg. Move in Western frac tanks and begin filling w/ fresh water.

10-16-81 Shut down

10-17-81 Move in and rig up MTK Inc. Rig #2. Pick up workstring of tubing. Tag cement at 3108' GL. S.D.O.N.

10-19-81 Rig up Western Co. Spot 250 gals of 7½% HCL from 3100' to 2725'. P.O.O w/ tubing. Rig down MTK Inc. Rig up Welex and run Gamma Ray-CCL correlation log from PBTD 3102' to 2150'.

Perforate the Pictured Cliffs Formation 3-1/8" hollow carrier gun at 3035', 37, 39, 63, 65, 67, 69, 74, 76, 78, 83, 85, 87 for a total of 13 holes. Shut well in.

10-20-81 Rig up Western Co. and foam fractured the Pictured Cliffs Formation using 70% N<sub>2</sub> foam as follows:

10,000 gals foam pad  
5,000 gals foam w/ 1 ppg  
22,500 gals foam w/ 2 ppg  
2,060 gals foam flush

Total fluid: 281 bbls fresh water, 380,000 SCF of N<sub>2</sub>,  
72 gals Adafoam

Total Sand: 50,000# 10-20 mesh

Treating pressures: Max ±1900 psi, Min ±1650 psi, Ave 1700 psi  
ISDP ±1250 psi, 10 min shut-in ±1150 ±1100 psi  
Injection rate ±25 BPM

Well opened to atmosphere thru 1" choke at 1:30 p.m.

10-21-81 Move in and rig up MTK Inc. Rig #2, T.I.H. w/tubing, tag sand @ 3081' G.L., bottom 3 perfs covered; Ram 95 jts of 1-1/4" 2.4# V-55 tubing, T.E. ~3049.97', set @ 3049' G.L.; well flowing approx. 700 MCF/day gas w/ light mist of water, shut well in @ 4:40 pm.