

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

3 - NMOCD 1 - 'McHugh 1 - File  
OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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.)

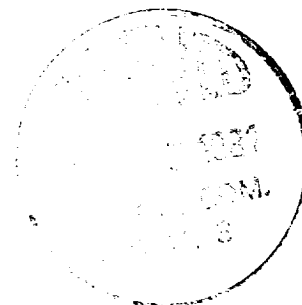
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Dugan Production Corp.	8. Farm or Lease Name McDug
3. Address of Operator P O Box 208, Farmington, NM 87401	9. Well No. #1
4. Location of Well UNIT LETTER C 790' FEET FROM THE North LINE AND 1850' FEET FROM West 9 TOWNSHIP 25N RANGE 2W NMPM. THE LINE, SECTION TOWNSHIP RANGE NMPM.	10. Field and Pool, or Wildcat Gavilan P.C.
15. Elevation (Show whether DF, RT, GR, etc.) 7366' GL	12. County San Juan

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER Completion work <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 perfs, frac, tubing.



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

Signed Thomas A. Dugan TITLE Petroleum Engineer DATE 4-1-81

Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 2 DATE APR 1981

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

DUGAN PRODUCTION CORP.

McDug #1

Page #2

DAILY REPORT

- 12-11-80 Move in and rig up MTK Inc; go in hole w/ sand line, tag cement at 3525'.
- 12-12-80 Rig up to drill cement.
- 12-13-80 Go in hole w/ 3-7/8" bit; tag cement at 3565'.
- 12-14-80 Sunday - shut down.
- 12-15-80 Drilling from 3565' to 3706'.
- 12-16-80 P.O.H. w/ tubing; Rig up Blue Jet Inc.; run GR-CCL correlation log; run cement bond log. Perforate Pictured Cliffs formation 3654-62 and 3667-72 with 2 shots per foot.
- 12-17-80 Rig up Western Co. Foam Frac with 70 quality foam as follows:

10,080 gals 70 quality foam pad  
4,200 gals foam w/ 1#/gal. 10-20 sand  
8,400 gals foam w/ 2#/gal. 10-20 sand  
10,920 gals foam w/ 1#/gal. 10-20 sand  
3,360 gals foam w/ 2#/gal. 10-20 sand

Well screened out. Unable to flush casing so well was shut in for 30 mins. then blown back thru 1/2" choke.

Total sand 38,640#'s 10-20 mesh  
Total Nitrogen 550,000 SCF  
118 gals adafoam

Max treating pressure 3500 psi. Min. treating pressure 2000 psi.  
Ave. treating pressure 2700 psi I.S.D.P. 3500 psi, 2800 psi after  
Ave. injection rate 20 BPM 10 min. shut in

- 12-18-80 Ran 112 jts. 1 1/4" 2.4# V-55 10Rd; EUE tubing, tagged sand at 3660' (bottom 16 perfs closed). T.E. 3642.42' set at 3641' G.L. Well flowing est. 100 MCF/day. Released rig.