

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN REPLICATED
(Other instructions on reverse side)

Expires August 31, 1985

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. Mancos Dakota
OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.
 At surface
1780' FSL & 2120' FWL

5. LEASE DESIGNATION AND SERIAL NO.
NM 28709

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Divide

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Cavilan Mancos / Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T 26N, R 2W, NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

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OCT 14 1986**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
7695' GL

**BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA**

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 checked="" type="checkbox"/>	(Other) _____	

(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.)*

Change plan to test the Dakota formation. Plans to drill a 12 $\frac{1}{4}$ " hole and set 200' of 9-5/8" OD, 36#, J-55 surface casing, then drill a 7-7/8" hole to total depth remain unchanged. Total depth has been changed from 7950' to 8700' to test the Dakota as well as the Mancos formations. Plan to run IES and CDL logs. The primary zone of interest will be the Mancos, however, if the Dakota appears to have potential, will run 5 $\frac{1}{2}$ " OD, 15.5 & 17#, J-55 production casing, selectively perforate both the Dakota and Mancos zones, frac, clean out after frac and complete the well. A new operations plan, Exhibit B, is attached with the corresponding changes for the changed total depth. Revised C-102 is attached. All other information previously submitted remains unchanged.

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OCT 23 1986
OIL CON. DIV.
DIST. 3**

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

SIGNED *Jim L. Jacobs* TITLE Geologist DATE 10-10-86

APPROVED

(This space for Federal or State office use)

APPROVED BY *John Stellan* TITLE _____ DATE OCT 22 1986

CONDITIONS OF APPROVAL, IF ANY:
ah AREA MANAGER

*See Instructions on Reverse Side
NMOCC

10/10/86

OPERATIONS PLAN
 Divide #3 Well
 T-26-N, R-2-W, NMPM
 Sec. 35: 1780' FSL & 2120' FWL
 Rio Arriba County, New Mexico

APPROXIMATE FORMATION TOPS:

Pictured Cliff	3965'	Mancos	6370'	Carlile	7970'
Lewis/Chacra	4090'	Niobrara 'A'	7360'	Greenhorn	8180'
Cliff House	5675'	Niobrara 'B'	7425'	Graneros	8250'
Menefee	5785'	Niobrara 'C'	7550'	Dakota	8295'
Point Lookout	6070'	Juana Lopez	7875'		
				Total Depth	8700'

LOGGING PROGRAM: IES, CDL

Catch Samples every 10' from 7100 feet to total depth.

CASING PROGRAM:

Hole Size	Casing Size	Wt./Ft.	Setting Depth	Grade & Condition
12-1/4"	9-5/8"	36	200'	J-55 A
7-7/8"	5-1/2"	15.5 & 17	8700'	J-55 A

CEMENTING PROGRAM: All volumes are contingent upon Caliper logs. Gilsonite to be added based upon hole conditions encountered.

Surface Casing - 128 sx (150 cu.ft.) of Class "B" with 2% CaCl. Circulate to surface.

Production Casing

1st Stage - Cement with 268 sx 50/50 B-Poz w/2% gel & 6-1/4# Gilsonite/sk & 1/4# flocele/sk (375 cu.ft.) followed by 100 sx Class "B" with 1/4# flocele/sk (118 cu.ft.)

Total cement slurry for 1st Stage is 493 cu.ft.

Projected cement top for 1st Stage is 6070 ft.

Approximate location of stage tool: 6420 ft.

2nd Stage - Cement with 350 sx 65/35 B-Poz w/12% gel & 6-1/4# Gilsonite/sk + 1/4# flocele/sk (819 cu.ft.) followed by 214 sx 50/50 B-poz w/2% gel + 1/4# flocele + 6-1/4# Gilsonite (300 cu.ft.).

Total cement slurry 1119 cu.ft. Projected cement top is 3790 ft.

Approximate location of stage tool: 4140 ft.

3rd Stage - Cement with 475 sx 65/35 B-Poz w/12% gel & 1/4# flocele. (1050 cu.ft.) followed by 100 sx 50/50 B-Poz w/2% gel & 1/4# flocele/sk (127 cu.ft.). Circulate to surface.

Total cement slurry for 3rd Stage is 1177 cu.ft.

Total cement slurry for all 3 stages = 2789 cu.ft.

WELLHEAD EQUIPMENT: 10" x 2000 psi 600 series
 6" x 2000 psi (X-mas tree)

DUGAN PRODUCTION CORP.

Office	325-1821	Jim Jacobs	325-8353
Tom Dugan	325-5694	John Roe	326-1034
Sherman Dugan, Geo	327-4287		