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3-NMOCC 1-File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input type="checkbox"/> Patented <input type="checkbox"/>
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- 2. Name of Operator Dugan Production Corp. 3. Address of Operator Box 234, Farmington, NM 87401 4. Location of Well UNIT LETTER G 1450 FEET FROM THE North LINE AND 1600 FEET FROM East 14 TOWNSHIP 31N RANGE 13W NMPS. 15. Elevation (show whether DT, RT, CR, etc.) 5734'	7. Unit Agreement Name 8. Farm or Lease Name Cuccia 9. Well No. #1 10. Field and Pool, or Wildcat Basin Dakota 17. County San Juan
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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 checked="" 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"/>	

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 1703.

9-30-78 Rigged up Dowell cementers and pumped 4-1/2" rubber plug down w/80 bbls water @ 1200 psi (3 B/M). Rigged up B&R Wireline and tagged plug @ 4800'. Pumped additional 20 bbls wtr and tagged plug @ 4800'. Pumped 50 sx neat cement and displaced to 4600 w/500 psi. Waited 15 min. Csg 300 psi, pumped 1/4 bbl @ 400 psi. Waited 15 min. csg 300 psi, pumped 1/4 bbl @ 400 psi. Waited 15 min. Csg 300 psi, pumped 1/4 bbl @ 4000 psi. Waited 15 min. Csg 300 psi. Pumped 1/4 bbl @ 500 psi. Shut in @ 2:35 p.m. 9-30-78.

10-1-78 Did not work - Sunday.

10-2-78 Went in hole w/tbg. Tagged up about 4570'. Tbg had lot of mud. Had to push rabbit thru most jts. Rigged up pump and pit.

10-3-78 Rigged up power sub. Pressure tested to 500 psi. Hydraulic power truck broke down. Shut down operations.

CONT'D ON BACK

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>12-11-78</u>
APPROVED BY <u>Original Signed by A. R. Kendrick</u>	TITLE _____	DATE _____

CONDITIONS OF APPROVAL, IF ANY:

- 10-4-78 Shut down.
- 10-5-78 Rigged up pump and power sub. Circulating shale and drilling mud out. Circulated down to 4660'. Had mostly cement cutting circulated. Pressure tested to 1000 psi. Lost 100# in 3 min. No surface leaks. Started out of hole w/tbg.
- 10-6-78 Finished coming out of hole w/tbg. Had to wait 2 hrs on Dowell. Pumped 4-1/2" plug down hole @ 3 B/M w/1300 psi. Went in hole w/Tefteller wire line. Tagged plug @ 3816'. Pumped 7 bbls water. Plug still @ 3816'. Pumped 100 sx cement w/4% gel and 50 sx neat w/.6 of 1% fluid loss additive. Max press 1250 psi while pumping. Shut down 10 min. Pumped 1/4 bbl @ 1500 psi. Pumped 1/4 bbl to 2000 psi. Waited 10 min. Shut In. w/1750 psi.
- 10-7-78 Went in hole w/tbg. Tagged up w/jt 3116 @ 3560'. Picked up power sub and drlg 80' cement.
- 10-8-78 Did not work - Sunday.
- 10-9-78 Drlg out cement to 3816'. Circulated hole clean and press tested to 950 psi. Held for 5 min. Released press and shut down overnight.
- 10-10-78 Picked up tbg and tagged cement @ 4640'. Drlg cement out to 4800'. Circulated hole clean and press tested to 950 psi. Held for 5 min. Released press and shut down overnight.
- 10-11-78 Tagged bridge plug @ 5000' and drlg same. Went to 6660' w/tbg had to wash some joints down. Couldn't break good circulation. Pulled 2 jts and shut down.
- 10-12-78 Reverse circulating and losing fluid @ 500 psi. Tried to circulate conventional. Press up to 1000 psi. Switched back and forth several times. Finally circulated hole 1 hr conventional. Reverse circulated until out of water.
- 10-13-78 Cleaned out by reverse circulation to 6700'. Circulated hole 1 hour and came out of hole w/tbg.
- 10-14-78 Went in hole w/tbg and Baker Model "R" full bore packer. Set packer and installed well head. Rigged up swab tools. Didn't have complete mandrel. Shut well in. Tbg ran as follows:

30 jts 2-3/8" OD 4.7# J-55 8R EUE tbg	921.32
Packer - Baker Model "R" full bore	8.00
186 jts 2-3/8" OD 4.7# J-55 8R EUE tbg	<u>5706.84</u>

Total Equipment	6636.16'
Set @ 6647' RKB	
Packer @ 5706'	

Cross pin collar ran on bottom joint. Top 7 jts are Non-API tbg.