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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 ☐ 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 ☐ GAS WELL ☐ OTHER- WATER INJECTION

7. Unit Agreement Name: EUMONT HARDY UNIT

2. Name of Operator: Conoco Inc.

8. Farm or Lease Name: EUMONT HARDY UNIT

3. Address of Operator: P. O. Box 460, Hobbs, New Mexico 88240

9. Well No.: 40

4. Location of Well
UNIT LETTER K, 2970 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE WEST LINE, SECTION 6 TOWNSHIP 21S RANGE 37E NMPM.

10. Field and Pool, or Wildcat: EUMONT YATES 7 RVRS

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

12. County: LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐			COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	CHANGE PLANS	☐	CASING TEST AND CEMENT JOB	☐		
OTHER SURFACE WATERFLOW REPAIR	☑			OTHER			☐

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.

THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO COMMENCING WORK

RECOMMENDED PROCEDURE:

1. SI well, open the intermediate csg valve, and relieve the 8-5/8" - 5-1/2" casing annulus pressure.

2. Connect the intermediate csg to pump truck w/reliable pressure gauge, and connect another gauge to the tubing casing annulus.

3. Make several attempts to pump 10 Bbls fresh water between the intermediate - production casings at 800 psi maximum pressure, and report injection rate and pressure and any pressure increase in the tubing-casing annulus to the area engineer. Proceed within 2 days.

4. If fresh water is pumped between the casings at 800 psi or less, run tracer survey to determine how deep the fresh water will reach behind the production casing. Contact Engineering.

(OVER)

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

SIGNED [signature] TITLE Administrative Supervisor DATE 6/28/83

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY [signature] TITLE OIL & GAS INSPECTOR DATE JUL 5 1983

CONDITIONS OF APPROVAL, IF ANY:

5. If fresh water could not be pumped between the 8-5/8" and 5-1/2" casings at 800 psi or less, install BOP and POOH w/tubing and packer.
   A. GIH w/5-1/2" casing scraper on workstring, and circulate well clean w/fresh water treated w/2% KCl and 1:1000 Adomall to 3528' and POOH.
   B. GIH w/5-1/2" csg packer on workstring, set packer @ 3000', load back- side w/TFW, and pressure the tubing-casing annulus w/500 psi. Run intermediate tracer survey at 1000 psi maximum injection pressure. Contact Engineering.

6. Rig up and cement between the intermediate and production casings at 1000 psi maximum pressure and 1 BPM if packer is used. If packer is not used, the maximum pressure is 800 psi and the injection rate is not to exceed that of the fresh water rate pumped between the casings prior to cementing.
   NOTE: This step only if tracer survey shows water is going past casing shoe.

   Cement required to cement to 1386'
   Between casings: 0.2009 cu. ft./ft: 278 sacks, plus 20 sacks
   Lead-in with 20 sacks Class "C" cement w/18% salt mixed with 6.3 gals. fresh water/sack.
   Tail-in with 278 sx. Class "C" cement w/2% $CaCl_2$ mixed w/6.3 gals. fresh water/sack, and slurry weights 14.8 lbs/gal
   Pressure and rate should be recorded during cementing and sent to the Division Office.

7. Displace cement slurry w/fresh water through the wellhead. Do not displace cement in the casings annulus. Close the intermediate casing valve. SION. Proceed to Step 10 if rig was not used.

8. Unseat packer, and POOH w/workstring and packer.

9. Run tubing and packer, circulate packer fluid.

10. Put well on injection and report results to the Division Office.