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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 <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-10870-6

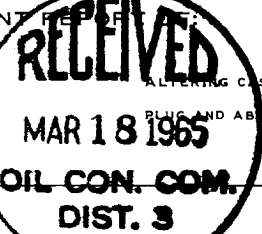
SUNDRY NOTICES AND REPORTS ON WELLS

(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 <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator SOUTHERN UNION PRODUCTION COMPANY	8. Farm or Lease Name ROBERT NIMS STATE
3. Address of Operator P. O. Box 808, FARMINGTON, NEW MEXICO	9. Well No. 1
4. Location of Well UNIT LETTER M 1160 FEET FROM THE SOUTH LINE AND 1090 FEET FROM THE WEST LINE, SECTION 16 TOWNSHIP 29-N RANGE 9-W NMPM.	10. Field and Pool, or Wildcat BLANCO MESAVERDE
15. Elevation (Show whether DF, RT, GR, etc.) 5693 FT. D.F.	12. County SAN JUAN

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

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 JOB <input type="checkbox"/>	OTHER <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.

THE ABOVE WELL WAS RE-WORKED AS FOLLOWS:

- SHOT OFF 2" E.U.E., 4.70#, J-55 TBG. AT 3867 FT. AND PULLED FROM HOLE.
- RAN McCULLOUGH CASING INSPECTION LOG IN 5-1/2" CASING FROM 3780 FT. TO SURFACE. NO INDICATED HOLES IN 5-1/2" CASING.
- SET 5-1/2" RETAINER AT 3750 FT. AND SQUEEZED OPEN SHOT HOLE OFF WITH 400 SACKS CEMENT.
- PERFORATED TWO HOLES AT 1750 FT. SET 5-1/2" RETAINER AT 1558 FT. CEMENTED ANNULUS BEHIND 5-1/2" CASING THRU HOLES AT 1750 FT. W/600 SACKS CLASS "C" CEMENT CONTAINING 4% GEL., 12-1/2# GILSONITE/SK. AND 2% C.C. AND 100 SACKS CLASS "C" W/2% CALCIUM CHLORIDE. CEMENT CIRCULATED TO SURFACE. RESQUEEZED HOLES AT 1750 FT. W/200 SACKS CLASS "C" W/2% C.C. MAXIMUM SQUEEZE PRESSURE 2500 PSI. JOB COMPLETE 11:30 A.M., 2/26/65.
- RAN BIT AND DRILLED RETAINER AT 1558 FT. AND CLEANED OUT CEMENT TO 1800 FT. PRESSURE TEST HOLES AT 1750 FT. W/2000 PSI FOR 15 MINUTES. TEST OK.
- DRILLED CEMENT RETAINER AT 3750 FT. AND DRILLED CEMENT TO 3810 FT. ATTEMPTED TO SIDETRACK HOLE. WENT BACK IN OLD HOLE.
- SET 5-1/2" CEMENT RETAINER AT 3700 FT. RESQUEEZED OPEN HOLE W/250 SACKS CEMENT. ATTEMPTED TO SIDETRACK HOLE. WENT BACK IN OLD HOLE.
- SET 5-1/2" CEMENT RETAINER AT 3687 FT. SQUEEZED OFF OPEN HOLE W/200 SACKS. JOB COMPLETE 6 A.M., 3/6/65.

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

SIGNED Gilbert D. Noland, Jr. TITLE DRILLING SUPERINTENDENT DATE MARCH 16, 1965

APPROVED BY Emory C. Arnold TITLE Supervisor Dist. # 3 DATE MAR 18 1965

CONDITIONS OF APPROVAL, IF ANY:

9. SET 5-1/2" CASING WHIPSTOCK AT 3622 FT. CUT 4-3/4" WINDOW IN 5-1/2" CASING AND DRILLED SIDETRACKED HOLE TO TOTAL DEPTH OF 4730 FEET R.K.B., 1-3/4" DEV. AT 3679 FT. 4" DEV. AT 3719 FT., 4" DEV. AT 3750 FT., 2-1/2" DEV. AT 4500 FT., 2" DEV. AT 4730 FT.
10. RAN 38 JTS. OF 4" O.D., 11.34#/FT., J-55 HYDRIL FLUSH JOINT CASING AS A LINER. LANDED AT 4730 FT. R.K.B., TOP LINER AT 3555 FT. R.K.B. CEMENTED W/140 CU. FT. 20% DIACEL "D" CEMENT. PLUG DOWN 6:00 A.M. 3/11/65. SQUEEZED TOP OF LINER W/100 BAGS CEMENT.
11. RAN BIT AND CLEANED OUT TO P.B.T.D. OF 4696 FT. R.K.B. PRESSURE TESTED LINER AND 5-1/2" CASING W/2000 PSI ON 3/13/65 FOR 15 MIN. TEST OK.
12. RAN GAMMA-RAY CORRELATION LOG, PERFORATED 1 SHOT/FT. 3725-29, 3840-52, 3857-67, 3882-3904, 1 SHOT AT 3984, 3988, 3992, 3996, 4010, 4094, 4098, 4130, 4132, 4136, 4138, 4178, 4183, 4220, 4225, 4229, 1 SHOT/FT. 4318-27, 4331-34, 4336-43, 4401-10, 4417-22, 1 SHOT AT 4437, 4439, 1 SHOT/FT. 4456-61, 4475-84, 4502-05, 4509-13, 4517-20, 4542-49, 4553-58, 1 SHOT AT 4578, 4583, 4593, 4596, 4604, 1 SHOT/FT. 4612-4618.
13. SAND WATER AND CARBON DIOXIDE FRAC PERFS. W/70,000# 20-40 MESH SAND AND 15,000# 10-20 MESH SAND AND 87,050 GALLONS OF WATER CONTAINING 350 CU. FT. OF CO₂/BBL.
14. RAN BIT AND CLEANED OUT TO P.B.T.D. OF 4696 FT.
15. RAN 39 JTS. 1-1/2", E.U.E., 2.90#BXBX JCN TUBING AND 8' PERF. JOINT. (TOTAL 1273.34 FT.) AND 105 JTS. 2", E.U.E., 4.70#, J-55 TUBING. (TOTAL 3291.29 FT.) LANDED AT 4574 FT. R.K.B.
16. COMPLETED REWORK MARCH 14, 1965.