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DAILY DRILLING REPORT

OPERATOR DRILLING CONTRACTOR BROWN DRILLING COMPANY

ROP 1
EASE BIG CHIEF #5
ELL BIG CHIEF #5
OCATION EDDY , NEW MEXICO

OPERATOR DINERO OPERATING COMPANY

DATE	DEPTH	FEET	DAYS	
08/06/82	0	0	68	RE::::: RECOMPLETION PROCEDURE BIG CHIEF NO. 5 DUBLIN RANCH (MORROW) FIELD EDDY COUNTY, NEW MEXICO DEAR PARTICIPANTS: DUE TO THE CURRENT POOR PERFORMANCE OF THE SUBJECT WELL IN THE MIDDLE MORROW (SEE ATTACHED LOG WITH CALCULATIONS), IT IS RECOMMENDED TO PLUG BACK AND RECOMPLETE TO THE ATOKA FORMATION. THE CURRENT PERFORATIONS WILL BE SQUEEZED AFTER A FULL EVALUATION OF THE TRACER, RADIOACTIVE TRACER AND DECAY TEMPERATURE SURVEYS. IT IS FELT THAT PRODUCTION FROM THE MORROW SANDS WOULD HAVE A GREATER ECONOMIC FEASIBILITY AFTER THE TIGHT SAND HEARING THAT SHOULD BE HELD IN NOVEMBER, 1982. AT THE PRESENT TIME THE MIDDLE MORROW IS NOT CAPABLE OF PRODUCING ECONOMICAL AMOUNTS OF GAS WITHOUT THE HIGHER PRICE. THE FOLLOWING PROCEDURE SHOULD THEREFORE BE FOLLOWED IN SHUTTING OFF CURRENT PRODUCTIN FROM THE MIDDLE MORROW AND RECOMPLETING TO THE ATOKA: 1. MOVE IN AND RIG UP PULLING UNIT. 2. KILL WELL WITH 2% KCL WATER. 3. NIPPLE DOWN WELL HEAD AND NIPPLE UP DUAL HYDRAULIC BOP. BLIND RAMS BELOW AND 2-3/8IN. PIPE RAMS ABOVE. 4. UNSET OTIS MH-2 PACKER AND SET AT 12,172 FT. 5. RIG UP REVERSE UNIT AND PRESSURE UP ON RETAINER AT 12,180 FT. TO 2000 PSI. 6. IF RETAINER HOLDS PRESSURE, RELEASE PRESSURE, POH, AND CONTINUE PROCEDURE. IF RETAINER DOES NOT HOLD PRESSURE, POH. DUMP 1 BAILER OF CEMENT ON TOP OF RETAINER. TEST. 7. RIG UP CRC. SET BAKER MODEL D16-33 (PROD. NO. 400-23) 4 1/2 IN. CEMENT RETAINER AT 12,055. RD CRC. 8. RIH WITH RETAINER STINGER ON 2 3/8 IN. TUBING. 9. STING INTO RETAINER AND TEST TUBING TO 6000 PSI AND CASING TO 3000 PSI W/WATER. 10. FINISH SETTING STINGER INTO RETAINER. 11. BATCH MIX 150 SX CLASS H CEMENT WITH 1.25% CF-9+45% WATER. LAB CHECK PUMPABILITY PRIOR TO MIXING. DENSITY, LBS/GAL 15.6 YIELD,CUFT/SX 1.18 GAS MIX WATER/SX 5.2 PUMP TIME,HR:MIN 3:15 API WATER LOSS 120CC 12. PULL OUT OF RETAINER AND CIRCULATE CEMENT TO BOTTOM OF TUBING. 13. STING INTO RETAINER, PRESSURE ANNULUS TO 1500 PSI. 14. DISPLACE CEMENT INTO FORMATION OBSERVING SURFACE PRESSURE. SQUEEZE PERFS TO MAXIMUM SURFACE PRESSURE OF 3280 PSI (SEE ATTACHED SCHEDULE). A. IF A SQUEEZE PRESSURE OF 3000 PSI IS ATTAINED, PULL OUT OF RETAINER AND CONTINUE TO STEP 17. B. IF A SQUEEZE