

O'NEILL -B- NO. 1 - EDDY COUN , NEW MEXICO

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-5-73 TD 11850' SHALE RIGGED UP SERVICE UNIT RAN CORR.  
LOGS FOUND PBD AT 11773' NOW RUNNING AND TESTING 2-3/8"  
EUE, 8 ROUND TUBING IN HOLE 66 DRILLING DAYS 1 COMPLETION  
DAY GF #1041 AFE \$161,186 ECTD \$128,934.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-6-73 FINISHED TESTING TUBING IN HOLE CIRCULATED HOLE WITH  
KCL WATER WITH INHIBITER AND SPOTTED 300 GALS. ACETIC ACID OVER  
ZONE OF INTEREST PICKED UP ON TUBING 126' AND SET BAKER LOCK-SET  
PACKER WITH BLANKING SUB AND ON-OFF TOOL AT 11394' INSTALLED WELL  
HEAD AND SWABBED FLUID DOWN TO 9650' INSIDE TUBING PERFORATED  
THRU TUBING WITH ONE HOLE PER FOOT OVER FOLLOWING INTERVAL  
11495'-93' - 11489'-93' - 11481'-87' TOTAL OF 16 HOLES HAD  
VERY WEAK BLOW AT SURFACE AFTER PERFORATING PULLED PERF. GUN AND  
FOUND ALL SHOTS FIRED SHUT IN AT 7:00 PM TO BUILD UP 66 DRILL-  
ING DAYS 2 COMPLETION DAYS GF #1041.  
10-7-73 12 HOUR SITP 2250# OPENED TO PIT ON 1" CHOKE AND  
UNLOADED FAIR AMOUNT OF WATER WITH GOOD BLOW OF GAS INITIALLY  
WHICH DECREASED STEADILY TO WEAK BLOW AFTER THREE HOURS SWABBED  
TO BOTTOM OF TUBING WITH WEAK BLOW OF GAS AND SMALL AMOUNT OF  
WATER SHUT IN OVERNIGHT 66 DRLLG. DAYS 3 COMP. DAYS GF #1041.  
10-8-73 12 HOUR SITP 1800# BLEW DOWN TO PIT WITH NO FLUID  
RECOVERY TREATED WITH 2000 GALS. WESTERN MS ACID CONTAINING  
1000 CF NITROGEN PER BBL. USED 16 BALL SEALERS FORMATION BROKE  
AT 6300# AND TREATED AT 1.8 BPM AT 6000# WITH ONLY FAIR BALL  
ACTION ISDP 4300# 5" SIP 3950# FLOWED TO PIT ONE HOUR AND  
DIED SWABBED FLUID DOWN TO 9000' AND WELL KICKED OFF FLOWED  
TO PIT OVERNIGHT ON 1" CHOKE ESTIMATED GAS RATE 1,000,000 CFPD  
CONTINUE TO TEST 66 DRILLING DAYS 4 COMP. DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-9-73 TURNED WELL THRL TEST UNIT ON 24/64" CHOKE HOLDING 140#  
BACK PRESSURE GAS RATE 250 TO 290 MCFPD WATER 2 TO 4 BBLs.  
PER HOUR WATER APPEARS TO BE INCREASING CONTINUE TO TEST  
66 DRILLING DAYS 5 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-10-73 KILLED WELL WITH BRINE WATER PULLED TUBING AND PACKER  
SET CEMENT RETAINER ON WIRE LINE AT 11475' RAN TUBING AND  
SQUEEZED PERFORATIONS FROM 11481' TO 11498' WITH 35 SACKS CLASS-  
H CEMENT CONTAINING 1/2 OF 1 PERCENT CFR-2 SQUEEZED TO 4500#  
WITH 35 SACKS IN FORMATION REVERSED OUT 65 SACKS PULLED OUT  
OF HOLE NOW PREP TO RE-RUN TUBING AND PACKER TO PERFORATE  
HIGHER INTERVALS IN MORROW ZONE. 66 DRILLING DAYS 6 COMPLETION  
DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-11-73 PULLED OUT OF HOLE AFTER SQUEEZING PERFORATIONS RAN  
TUBING BACK WITH NEW BAKER LOCK-SET PACKER TO TOP OF CEMENT  
RETAINER AT 11475' AND SPOTTED ACETIC ACID OVER ZONES OF INTEREST  
RAISED PACKER AND ATTEMPTED TO SET ABOVE ZONES OF INTEREST  
UNABLE TO SET PACKER NOW PULLING OUT OF HOLE TO CHECK PACKER.  
66 DRILLING DAYS 7 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBD 11773 MORROW  
10-12-73 FOUND PACKER CLOGGED WITH RUSTED SCALE REPLACED  
PACKER AND RERAN TUBING SET PACKER AT 11346' SWABBED FLUID  
INSIDE TUBING DOWN TO 10,500' NOW PREP TO PERFORATE  
66 DRLLG. DAYS 8 COMP. DAYS GF #1041 AFE \$161,186  
ECTD \$147,866.

RECEIVED  
JAN 1974  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO