

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

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-03-73 TREATED WITH 30,000 GALS. OF DOWELL SPECIAL FRACTURE  
FLUID CONTAINING 1500 SCF NITROGEN PER BBL. USED 150# DIVERTING  
MATERIAL AND 30,000# SAND AND GLASS BEADS AVERAGE INJECTION RATE  
5.6 BPM AT 9300# ISDP 6500# 5" SIP 5600# 10" SIP 5200#  
TOTAL LOAD 789 BBLS. SHUT IN FOR 10 HOURS RAN TEMP. SURVEY  
UNABLE TO GET BELOW TOP PERFORATIONS DUE TO SAND FILL UP INSIDE  
CASING. OPENED WELL TO PIT PRESSURE DECLINED RAPIDLY FROM  
4800# TO 0# BUT WELL CONTINUED TO FLOW. 66 DRILLING DAYS  
27 COMPLETION DAYS GF #1041.  
11-04-73 WELL DEAD AFTER FLOWING TOTAL OF 8 HOURS SWABBED 8  
HOURS LOWERED FLUID LEVEL FROM 3000' TO 11000' RECOVERED  
CONSIDERABLE AMOUNT OF SAND WITH FLUID TOTAL EST. LOAD REC.  
200 BBLS. TURNED THRU TEST UNIT ON 1" CHOKE FOR 4 HOURS  
FTP 250# WITH GAS RATE 275 MCFPD RECOVERED ADDITIONAL 8.3 BBLS.  
LOAD FLOWED OVERNIGHT TO TANK MADE 41 BBLS OF LOAD IN 12 HOURS  
GAS NOT MEASURED 66 DRILLING DAYS 28 COMP. DAYS GF #1041.  
11-05-73 FLOWED AND SWABBED 10 HOURS VERY LITTLE FLUID ENTERING  
WELL BORE. FLOWED OVERNIGHT TO TANK RECOVERED 36 BBLS. LOAD  
IN 14 HOURS FLOWING ON 1" CHOKE WITH 75# FTP. GAS RATE EST.  
250 TO 300 MCFPD TOTAL EST. LOAD RECOVERED TO DATE 289 BBLS.  
REMAINING LOAD TO RECOVER 500 BBLS. CONTINUE TO TEST.  
66 DRILLING DAYS 29 COMPLETION DAYS

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-06-73 FLOWED 26 BBLS. LOAD. GAS RATE APPEARED TO BE DECLINING.  
SHUT WELL IN TO PRESSURE UP. 66 DRILLING DAYS 30 COMPLETION  
DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-07-73 SHUT IN SURFACE PRESSURE 3600# AFTER 23 HOURS.  
66 DRILLING DAYS 31 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-08-73 RAN WIRE LINE AND SINKER BAR TO CHECK TOP OF SAND  
INSIDE CASING. FOUND TOP AT APPROX. 11,417'. PREVIOUS TOP  
WAS 11,333' FLOWED TO PIT ON PROGRESSIVELY LARGER CHOKE SIZES.  
PRESSURE DECLINED FROM 3600# TO 1000# IN 30". LIGHT SPRAY OF  
FLUID WHEN PRESSURE REACHED 1500#. SHUT WELL IN AND PRESSURE  
BUILT TO 3500# IN 3-1/2 HOURS. BLEW DOWN TO 0# AND RECOVERED  
2.2 BBLS. LOAD WATER. SHUT IN OVERNIGHT. PRESSURE BUILT TO  
3600# IN 13 HOURS NOW PREP TO RESUME TESTING. 66 DRILLING DAYS  
32 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-09-73 OPENED ON 12/64" CHOKE AND PRESSURE DECLINED FROM 3600#  
TO 1000# IN 3-1/2 HOURS. SHUT IN FOR 3-1/2 HOURS AND PRESSURE  
BUILT TO 3200#. RE-OPENED AND FLOWED ON VARIABLE CHOKE SIZES  
AND BLEW PRESSURE DOWN TO 1000#. RECOVERED ONE BBLS. LOAD  
WATER SHUT IN TO BUILD UP OVERNITE. 66 DRILLING DAYS  
33 COMPLETION DAYS GF #1041 AFE \$161,136 ECTD \$160,960.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-10-73 TUBING PRESSURE BUILT TO 3800# IN 17 HOURS. FLOWED  
PIT THREE HOURS, THEN TURNED THRU TEST UNIT ON 14/64" CHOKE.  
UNABLE TO HOLD DESIRED 1000# BACK PRESSURE DUE TO MAL-FUNCTION OF  
PRESSURE REGULATOR. RECOVERED 3 BBLS. WATER 66 DRILLING DAYS  
34 COMPLETION DAYS GF #1041.  
11-11-73 FLOWED THRU TEST UNIT 13 HOURS ON 26/64" CHOKE WITH FTP  
1000#, GAS RATE 460 MCFPD. MADE 20 BBLS. WATER 66 DRILLING DAYS  
35 COMPLETION DAYS GF #1041.  
11-12-73 CONTINUE TO TEST AT 1000# FLOWING TUBING PRESSURE.  
66 DRILLING DAYS 36 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1  
PC 42.9600 TD 11850 PBTD 11778 MORROW  
11-13-73 FLOWED 24 HOURS THROUGH 26/64" CHOKE, FTP 1000#, GAS  
RATE GRADUALLY INCREASED TO 570 MCFPD. MAINTAINING 1000# BACK  
PRESSURE ON TEST UNIT. RECOVERED 14.3 BBLS. LOAD. TOTAL  
ESTIMATED LOAD RECOVERED TO DATE 361 BBLS. CONTINUE TO TEST.  
66 DRILLING DAYS 37 COMPLETION DAYS GF #1041.

RECEIVED

JAN - 8 1974

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO