

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
10-13-73 PERFORATED ONE HOLE AT FOLLOWING DEPTHS: 11372 - 373 -
374 - 375 - 377 - 378 - 379 - AND 11414 - 15 - 16 - 17 - 18 - 19 -
20 - 29 - 30 - 31 AND FROM 11442 - 11456 INCLUSIVE TOTAL OF 32
HOLES, VERY LITTLE BLOW OF GAS AFTER PERFORATING SHUT WELL IN
OVERNIGHT MAX. PRESSURE AFTER 12 HOUR SHUT IN 750# 66 DRILLING
DAYS 9 COMPLETION DAYS GF #1041.
10-14-73 TREATED PERF. WITH 4000 GALS. OF SPECIAL 7-1/2
PERCENT HCL USED 3 STAGES OF 10 BALL SEALERS IN EACH STAGE
MAX. TREATING PRESSURE 7550# AVERAGE TREATING PRESSURE 7300# AT
6.3 BPM TOTAL LOAD 122 BBLS. USED 1000 CF PER BBLS. OF NITROGEN
IN ACID ISDP 5000# 5" SIP 4850# PRESSURE BLED TO 0# IN 3
HOURS SWABBED FLUID LEVEL DOWN TO PACKER OVERNIGHT, VERY LITTLE
FLUID ENTERING HOLE, ESTIMATED GAS RATE 40 TO 50 MCFPD 122 DRILL-
ING DAYS 10 COMPLETION DAYS GF #1041.
10-15-73 RE-TREATED WITH 10,000 GALS. OF MOD BRINE INJECTED 30
BALL SEALERS INDIVIDUALLY AT REGULAR INTERVALS DURING TREATMENT
FAIR TO GOOD BALL ACTION OBSERVED MAX. PRESSURE 7500# TREATED
AT 7200# AT AVERAGE RATE OF 7 BPM TOTAL LOAD 230 BBLS. ISDP
4400# 5" SIP 4000# FLOWED BACK 30 BBLS. AND DIED SWABBED
BACK ADDITIONAL 69 BBLS. OF LOAD SWABBING FROM TOP OF PACKER
WITH VERY LITTLE FLUID ENTERING HOLE ESTIMATED GAS RATE 40 TO 50
MCFPD SHUT IN OVERNIGHT SHUT IN TUBING PRESSURE AFTER 12 HOURS
750# MAKING APPROX. ONE SWAB RUN PER HOUR TO KEEP TUBING DRY.
66 DRILLING DAYS 11 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1
PC 42.9600 TD 11850 PBTD 11778 MORROW
10-16-73 RAN TRACER SURVEY NO EVIDENCE OF COMMUNICATION UP OR
DOWN HOLE FROM PERFORATIONS ALL PERFORATIONS TAKING FLUID
EXCEPT THREE HOLE AT 11429' - 30 & 31' NOW SWABBING BACK FLUID
USED ON TRACER SURVEYS 66 DRILLG. DAYS 12 COMP. DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1
PC 42.9600 TD 11850 PBTD 11778 MORROW
10-17-73 SWABBED BACK LOAD WATER USED IN CONJUNCTION WITH TRACER
SURVEY SHUT WELL IN AND STARTED 24 HOUR BOTTOM HOLE PRESSURE
BUILDUP AT 12:00 NOON 10-16-73 66 DRILLING DAYS 13 COMPLETION
DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1
PC 42.9600 TD 11850 PBTD 11778 MORROW
10-18-73 24 HOUR SHUT IN BOTTOM HOLE PRESSURE 4211# AND STILL
BUILDING. BLED OFF PRESSURE AND INSTALLED B.O.P.'S RELEASED
PACKER AND PULLED OUT OF HOLE NOW PREP TO RE-PERFORATE WITH
CASING GUN. 66 DRILLG. DAYS 14 COMPLETION DAYS GF #1041.

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1
PC 42.9600 TD 11850 PBTD 11778 MORROW
10-19-73 WORK DELAYED DUE TO MIS-SHIPMENT OF PACKER FROM DALLAS.
RIGGED UP WIRE LINE UNIT NOW READY TO RE-PERFORATE. 66 DRILLG.
DAYS 15 COMPLETION DAYS GF #1041 AFE \$161,186 ECTD \$150,000

DW NEW MEXICO EDDY WHITE CITY AREA O'NEILL -B- #1
PC 42.9600 TD 11850 PBTD 11778 MORROW
10-20-73 RIGGED UP SCHLUMBERGER AND RE-PERFORATED MORROW
WITH CASING GUN WITH FOUR SHOTS PER FOOT AT 11414-420', 11428-420',
11442-452'. SHUT IN ONE HOUR AND PRESSURE BUILT TO 250# BLED
PRESSURE TO 0# AND RAN TUBING AND BAKER LOCK-SET PACKER SET
PACKER AT 11315'. SWABBED 4-1/2 HOURS WITH GOOD SHOW OF GAS
WELL FLOWED UNTILL 3:00 AM AND DIED RAN SWAB AND FOUND FLUID
LEVEL AT 9000' NOW SWABBING WELL WOULD NOT FLOW 66 DRILLING
DAYS 16 COMPLETION DAYS GF #1041.
10-21-73 RE-TREATED MORROW ZONE WITH 2000 GALS. 7-1/2 PERCENT MS
ACID WITH 1000 SCF NITROGEN PER BBL. PLUS 2 GALS. ADAFOAM PER BBL.
MAX. PRESSURE 5400# AVERAGE INJECTION PRESSURE 5300# AVERAGE
INJECTION RATE 3.7 BPM ISDP 4700# 5" SIP 4300# FLOWED APPROX.
40 BBLS. AND WELL DIED SWABBED 10 BBLS. FOR TOTAL RECOVERY OF 50
BBLS. LOAD SWABBING OFF BOTTOM SHUT WELL IN FOR 2-3/4 HOURS
WITH SITP 1000# TURNED WELL THRU SEPARATOR MAKING 140 MCFPD WITH
250# FTP WENT IN WITH SWAB AND FOUND FLUID AT 3500' AND SWABBED
DOWN AND SHUT WELL IN AT 12:00 NOON 10-21-73 66 DRILLING DAYS
17 COMPLETION DAYS GF #1041.
10-22-73 SHUT IN FOR EVALUATION 13-1/2 HOUR SITP 3200#
66 DRILLING DAYS 17 COMPLETION DAYS GF #1041.

RECEIVED
JAN - 9 1974
U.S. GEOLOGICAL SURVEY
ARTS & MINES
NEW MEXICO