

R.E. Hibbert
Ridge State 31-17
SECTION 17-T24S, R25E
EDDY COUNTY, NEW MEXICO
DRILLING REPORT

WED. 10/12/88 DRILLING AT 7,465 FT. MADE 480 FT. IN 23 HRS.
FORMATION LIME. DEVIATION OF 1 DEGREE AT 7,147 FT.

THURS. 10/13/88 DRILLING AT 8,045 FT. MADE 580 FT. IN 23 HRS.
FORMATION LIME. DEVIATION OF 2 3/4 DEGREES AT 7,628
FT.

FRI. 10/14/88 DRILLING AT 8,565 FT. MADE 520 FT. IN 21 HRS.
FORMATION LIME. DEVIATIONS: 3 DEGREES AT 8,023 FT,
2 3/4 DEGREES AT 8,238 FT, 2 1/4 DEGREES AT 8,350
FT. TOOK MUD LOGGING SERVICE TO MOVE ON LOCATION AT
9,000 FT. SID PARKANS, R. E. HIBBERT'S GEOLOGIST, TO
ARRIVE AT 9,800 FT. ESTIMATED KB IS 4,200 FT
ESTIMATED TOPS ARE: STRAWN-9,840 FT, ATOKA-10,270
FT, MARROW-10,650 FT, BARNETT-11,350 FT.

SAT. 10/15/88 DRILLING AT 9,219 FT SHALE AND LIME. MADE 654 FT IN
22 HRS. DRILLING WITH BIT #6. DEVIATIONS OF 2
DEGREES AT 8,621 FT. AND 2 DEGREES AT 9,006 FT.

SUN. 10/16/88 DEPTH AT 9,526 FT. TOH. PIPE STUCK AT 4,637 FT.
WORKING STUCK PIPE FOR 8 HRS. NO DEVIATION REPORT.
GAS SHOW AND KICK AT 9,200 FT.

MON. 10/17/88 PULL OUT OF HOLE. PICK UP BIT #7 (HT-62) 7 7/8:.
TIH, STUCK PIPE AT 4,535 FT. RAN FREEPOINT & BACKOFF
TOOL. PULL OUT OF HOLE. PICK UP FISHING TOOLS, TIH,
CAUGHT FISH, TOH.

TUE. 10/18/88 RAN IN HOLE TO 9,526 FT. CIRCULATED AND MIX MUD WITH
LOST CIRCULATION MATERIAL, CONDITIONING HOLE FOR 11
3/4 HRS. CURRENTLY DRILLING AT 9,665 FT MUD WT OF
9.3#, VIS OF 34, WATER LOSS OF 10CC. MADE 139 FT.
IN 5 3/4 HRS.

WED. 10/19/88 DRILLED TO 9,845 FT. MADE 180 FT. FORMATION
SHALE. MAKING BIT TRIP, MUD WT. OF 9.3#.

THUR. 10/20/88 MAKING TRIPS ALL DAY. DISCOVERED 5 JTS OF DRILL PIPE
WITH HOLES IN IT. MUD WT. 9.4#, 34 VIS, 11 PH AND
BIT WT OF 45,000#.

FRI. 10/21/88 DEPTH OF 9,960 FT. RAN D.S.T. #1 ON S-1 LIMESTONE,
9,905' AND 9,960 FT. OPEN TOOL FOR 30 MIN. MAX 50
MCF/DAY, 1/4" CHOKE 20# FLOWING PRESSURE. SHUT IN
FOR 60 MIN. OPENED TOOL FOR 30 MIN., NO MEASURABLE
FLOW. SURFACE PRESSURE 15#. SHUT IN 1 HR. NOW
PULLING D.S.T. CHANGING TO BIT #7.

SAT. 10/22/88 STUCK AT 4,500 FT. WHILE PULLING D.S.T. #1 BACKED
OFF DRILL COLLARS. RAN IN HOLE WITH OVERSHOT, CAUGHT
FISH, TOH, TIH, DRILLED TO 10,047 FT. RAN D.S.T. #2
AT INTERVALS BETWEEN 9,960 FT. - 10,047 FT.

SUN. 10/23/88 D.S.T. RESULTS IH - 4,915# FH-4888#. IF-191#
FF-274#. 2ND FLOW IF-301# FF-356#. ISIP-3986#,
FSIP-3982#. RECOVERED 768 FT. OF FILTRATE WATER.
GAS TO SURFACE IN 28 MIN. DST INTERVAL 10,010 TO
10,042 FT.

MON. 10/24/88 DRILLING AT 10,133 FT. HOLE IN THE PIPE. TOH.

TUE. 10/25/88 DEPTH 10,227 FT. TIH FOR D.S.T. NO. 3.

WED. 10/26/88 DRILLING AT 10,355 FT. FORMATION LIME. MADE 128 FT.
IN 12 HRS. 6 HRS. TRIPPING, 5 HRS. TESTING S-3
SAND. VIS.-33, PH-10, H2O LOSS 8CC. BIT #7 REED
(HP-62). BIT WT. 45,000#. D.S.T. #3 10,172-10,227
FT. INITIAL FLOW OPEN 30 MIN. - NO FLOW. SHUT IN 60
MIN. 2ND FLOW 1 HR. MAXIMUM SURFACE PRESSURE 4
3/4#. FINAL SHUT IN 60 MIN. PULLED TOOL. RECOVERED