

Ruben Canyon #1 **Wellbore Diagram**

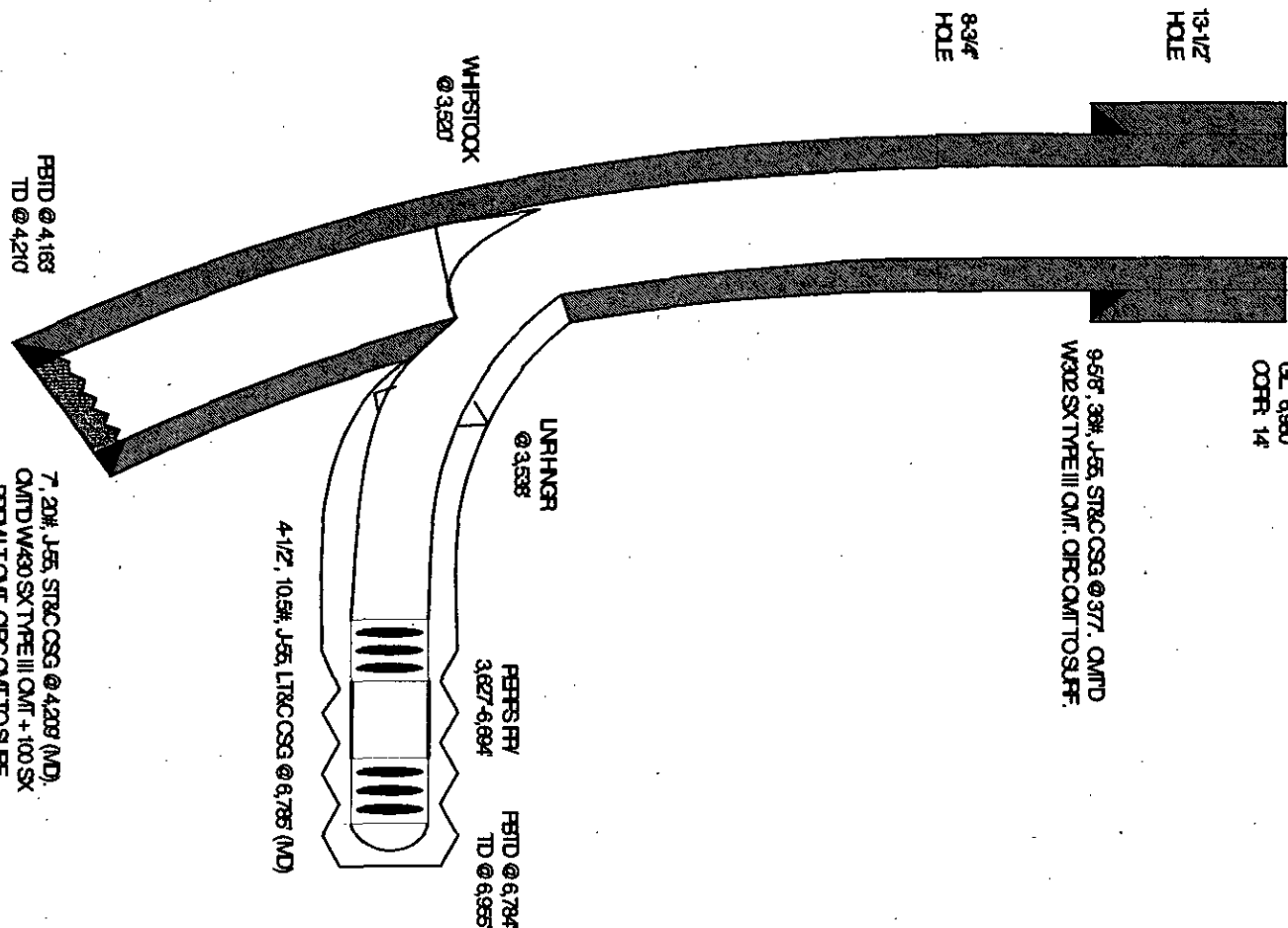
30-039-27678

DATA

LOCATION: 830' FSL & 1,265' FEL, UN O, SEC 03, T 29 N, R 04 W
 BLM HOLE LOCATION:
 COUNTY/STATE: RIO ARRIABA COUNTY, NEW MEXICO
 FIELD: BASIN FRUITLAND COAL
 FORMATION: FRUITLAND COAL
 FEDERAL LEASE #: NMSF 0079756A API #: 30-039-27678 XTO WELL #: 69998
 SPUD DATE: 09/27/06 COMPLETION DATE:
 IP:
 PERFS: PRE-PERF LINER @ 3,627-3,758', 3,843-3,973', 4,149-4,277', 4,457-4,585', 4,765'-4,893', 5,066-5,194', 5,367-5,494', 5,670-5,798', 5,968-6,096', 6,267-6,395', & 6,565-6,694'
 TUBING STRING:
 PRODUCTION METHOD: PMPG

HISTORY

09/27/06: AZTEC WELL SERVICE RIG #507 SPUDDED 13-1/4" HOLE FOR XTO ENERGY, INC.
 TD 13-1/2" HOLE @ 381'; SET 8 JTS 9-5/8", 36#, J-55, ST&C CSG @ 377'. CMTD W/302 SX TYPE III CMT W/0.3% CACIL2 & 1/4 PPS CELLOFLAKE (MIXED @ 15.2 LB/GAL & 1.28 YIELD). CIRC 42 BBLs TO SURF.
 10/03/06: TIH W/DIRECTIONAL TOOLS. BEGIN KICK-OFF POINT @ 2,250'.
 10/11/06: TD 8-3/4" HOLE @ 4,210' (MD). TOH W/DRILLING TOOLS. RU WL. RIH W/SCHLUMBERGER LOGGING TOOLS. LOG FR/4,210' TO SURF. RD WL.
 10/12/06: SET 101 JTS 7", 20#, J-55, ST&C CSG @ 4,209' & 33 DEG DEV. FC @ 4,163'. CMTD W/430 SX TYPE III CMT W/0.2% CD-32, 1/4 PPS CELLOFLAKE, & 2% PHENOSEAL (MIXED @ 12.1 LB/GAL & 2.12 YIELD) + 100 SX PREM LT CMT W/0.2% CD-32 & 0.2% FL-52 (MIXED @ 12.5 LB/GAL & 2.03 YIELD). CIRC 49 BBLs CMT TO SURF.
 10/14/06: SET WHIPSTOCK @ 3,520'. DO 6-1/4" CSG WINDOW FR/3,520' - 3,535'.
 10/28/06: TD 6-1/4" HOLE @ 6,965'. TOH W/DRILLING TOOLS. SET 78 JTS 4-1/2", 10.5#, J-55, LT&C CSG @ 6,785'. FC @ 6,784'. PRE-PERF SUBS @ 3,627-3,758', 3,843-3,973', 4,149-4,277', 4,457-4,585', 4,765-4,893', 5,066-5,194', 5,367-5,494', 5,670-5,798', 5,968-6,096', 6,267-6,395', 6,565-6,694'. LNR HNGR @ 3,538'. RDMD DRILG RIG.



NMOC