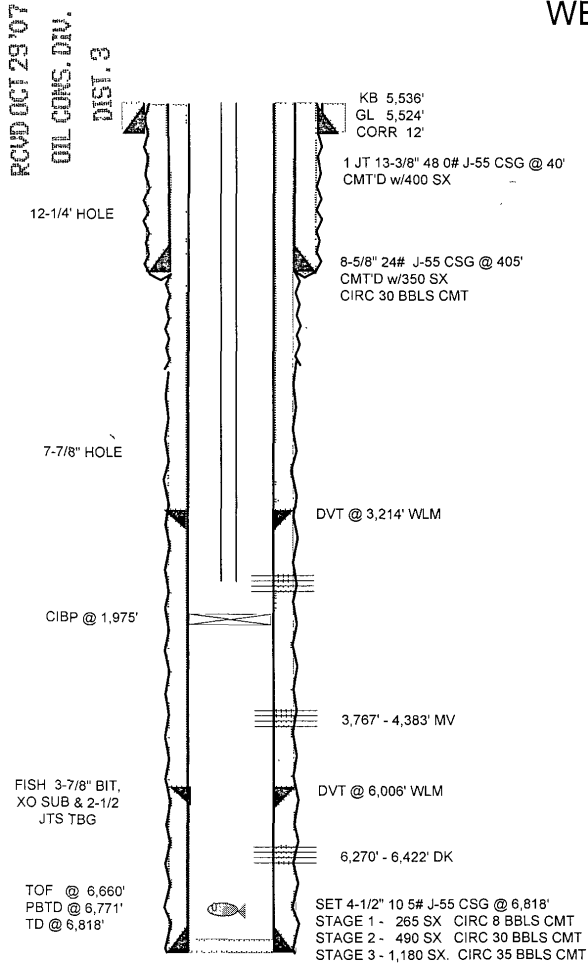


30-045-30612

# McDANIEL GAS COM B #1R WELLBORE DIAGRAM



## DATA

**LOCATION:** 665' FNL & 840' FEL UNIT A, SEC 26 T29N R10W  
**COUNTY/STATE:** SAN JUAN, NEW MEXICO  
**FIELD:** BLANCO MESAVERDE  
**FORMATION:** MESAVERDE  
**API#:** 30-045-30612 **XTO WELL#:** 72290 (MV) & 72291 (DK)  
**SPUD DATE:** 06/09/01 **COMPLETION DATE:** 07/26/01  
**IP:** DK: F. 0 BO, 20 BLW, 264 MCF, FTP 466 PSIG, SICP 658 PSIG, 3/8" CK, 4 HRS.  
CAOF 1,583 MCFPD.  
**PERFS:** DK: 1 JSPF @ 6,270', 75', 78', 91', 94', 6,362', 77', 80', 85', 91', 95', 6,400', 05', 08', 11', 15', 17' & 22' (TTL 18 - 0.33" HOLES).  
MV: 1 JSPF @ 4,383', 4,380', 4,375', 4,339', 4,301', 4,256', 4,251', 4,248', 4,243', 4,211', 4,202', 4,181', 4,168', 4,164', 4,161', 4,056', 4,052', 4,049', 4,044', 4,008', 4,005', 3,999', 3,973', 3,967', 3,955', 3,934', 3,875', 3,871', 3,845', 3,836', 3,831', 3,777', 3,772' & 3,767' (TTL 34 - 0.30" HOLES)  
**TBG:** NC, SN & 197 JTS 2-3/8" TBG. EOT @ 6,387'. SN @ 6,386'. TOF @ 6,660'.  
**PROD. METHOD:** PLNGR LIFT

## HISTORY

**06/10/01:** BEARCAT DRLG CO. SPUDDED MCDANIEL GAS COM B #1R FOR CROSS TIMBERS OPERATING COMPANY ON 06/09/01. DRLD 9-7/8" PILOT HOLE. HOLE SLOUGHING. CHGD TO 7-7/8" BIT. DRLD TO 60' W/HOLE SLOUGHING. WASHED OUT UNDER RIG. SET 1 JT 13-3/8" 48.0# H-40 CSG @ 40' AS CONDUCTOR. CMT'D CONDUCTOR & WASHOUT UNDER RIG W/400 SX TYPE III CMT + 3% CACL2 + 1/4 #/SX CELLO-FLAKE (14.6 PPG, 1.39 CU FT/SX).  
**06/12/01:** DRLD OUT OF CONDUCTOR W/12-14" BIT. TD 12-1/4" HOLE @ 410'. SET 8-5/8", 24#, J-55 CSG @ 405'. CMT'D W/350 SX TYPE III CMT + 2% CACL2 + 1/4#/SX CELLO-FLAKE (14.3 PPG, 1.44 CU FT/SX). CIRC 30 BBLS CMT TO SURF.  
**06/13/01:** DRLD OUT OF SURF CSG W/7-7/8" BIT. DRLG BREAKS @ 1,100' & 1,330'. WTR FLOW + GAS FLOW FOR 10 MIN AFTER EACH BREAK.  
**06/13/01:** DRLD 1,330'-3,670' W/30 BPH WTR FLOW.  
**06/17/01:** LOST CIRC @ 4,299', 4,398' & 4,424'. MW 8.7 PPG. REGAINED CIRC AFTER DRY DRLG 5'. STILL HAD WTR FLOW WHEN REGAINED CIRC. LOST 300 BBLS MUD @ 4,466'. PPD LCM PILL TO REGAIN CIRC. LOSS CIRC @ 4,493'. CONDITION MUD TO 54 VIS & 6% LCM. REGAINED CIRC.  
**06/19/01:** DRLD FR/4,493'-5,210'. WTR FLOW & LOSS CIRC @ SAME TIME. FLWG 30 BWPH ON CONNECTIONS.  
**06/20/01:** DRLD FR/5,210'-5,548'. INCREASED MW TO 9.2 PPG TO KILL WTR 30 BWPH FLOW. LOSS CIRC. PPD LCM PILL & REDUCED MW TO REGAIN CIRC. DRLD FR/5,548'-5,700'.  
**06/21/01:** DRLD FR/5,700'-6,165'. LOST 50 BBLS MUD @ DRLG BREAK @ 5,858'. MW 8.8 PPG. REGAINED CIRC W/LCM. FLWG 30 BWPH.  
**06/24/01:** TD 7-7/8" HOLE @ 6,818' TD (DRILLERS) ON 06/23/01. FLWG 30 BWPH.  
**06/25/01:** SCHLUMBERGER RAN PLATFORM EXPRESS OH LOGS AI/GR/SP FR/6,818' WLM TD - 405' & CN/TLD FR/6,818' - 2,800'. RAN FMI LOG FR/6,790' - 6,200'

8-10/29

# McDANIEL GAS COM B #1R WELLBORE DIAGRAM

06/26/01: SET 4-1/2" 10.5#, J-55, STC CSG @ 6,818' W/DVT'S @ 6,004' & 3,213' (CSG TALLY DEPTH). TOP OF SHORT JTS 6,192' & 3,400' (CSG TALLY DEPTH). CMT'D 1<sup>ST</sup> STG W/265 SX 50/50 CLASS G CMT/POZ + 4.5% GEL + 1/4#/SX CELLO-FLAKE + 0.35% DISP + 0.25% FLA LEAD SLURRY + 5#/SX GILSONITE (13.0 PPG & 1.42 CU FT/SX). CIRC 8 BBLS CMT OFF DVT @ 6,004'. CMT'D 2<sup>ND</sup> STG W/490 SX LITE-CRETE (SCHL PROPRIETARY BLEND) + 1/4#/SX CELLO-FLAKE (9.5 PPG & 2.52 CU FT/SX). CIRC 30 BBLS CMT OFF DVT @ 3,213'. CMT'D 3<sup>RD</sup> STAGE W/1,180 SX 50/50 CLASS G CMT/POZ + 4.5% GEL + 1/4#/SX CELLO-FLAKE + 0.35% DISP + 0.25% FLA + 5#/SX GILSONITE (13.0 PPG & 1.42 CU FT/SX). CIRC 35 BBLS CMT TO SURF. REL RIG 6/26/01.

07/06/01: DO DVT TOOLS. CO TO 6,771' PBTD. PT CSG TO 2,000 PSIG. OK.

07/12/01: COMPUTALOG RAN GR/CCL LOG FR/6,689'-1,500'. 1ST DVT @ 3,214' WLM. 2ND DVT @ 6,006' WLM. SHORT JTS @ 3,396'-3,406' & 6,190'-6,198'. PERF'D DK 1 JSPF @ 6,270', 75', 78', 91', 94', 6,362', 77', 80', 85', 91', 95', 6,400', 05', 08', 11', 15', 17' & 22' (TTL 18 - 0.33" HOLES).

07/13/01: ACIDIZED DK PERFS 6,270'-6,422' W/1,000 GALS 15% NEFE HCL ACID + 40 BS. BALLED OFF PERFS. AIR 16 BPM. ATP 2,300 PSIG. ISIP 1,330 PSIG. 15" SIP 341 PSIG. RAN WL JUNK BASKET & REC 40 BS. FRAC'D DK PERFS 6,270'-6,422' W/56,500 GALS 70Q CO2 FOAMED MEDALLION-3000 FRAC FLUID (ZIRCONATE XL, 30# GUAR GELLED 2% KCL WTR) CARRYING 123,040# SD (115,140# 20/40 OTTAWA SD + 7,900# 14/40 FLEXSAND MS). AIR 38 BPM. ATP 3,850 PSIG. MAX TP 4,100 PSIG. ISIP 1,379 PSIG. 15" SIP 1,264 PSIG.

07/24/01: TGD FILL @ 6,682'. LANDED 2-3/8" TBG @ 6,387'.

07/26/01: DK IP TST: F. 0 BO, 0 BW, 138 MCF, FTP 750 PSIG, SICP 860 PSIG, 1/4" CK, 3 HRS. 24 HR CALC RATE: 1,104 MCFD.

08/01/01: FIRST DELIVERED GAS SALES TO WFS.

08/29/01: PUT WELL ON PLNGR LIFT.

09/25/01: SET CIBP @ 5,000'. PRESS TSTD CIBP TO 2,500 PSIG FOR 5". HELD OK. PERF'D PT LOOKOUT MV 1 JSPF @ 4,383', 4,380', 4,375', 4,339', 4,301', 4,256', 4,251', 4,248', 4,243', 4,211', 4,202', 4,181', 4,168', 4,164' & 4,161' (TTL 15 - 0.30" HOLES). BD PERFS W/2% KCL WTR @ 1,560 PSIG. EIR 7.5 BPM @ 1,300 PSIG. ISIP 460 PSIG. ACIDIZE PT LOOKOUT PERFS FR/4,161'-4,383' W/1,000 GALS 15% NEFE HCL ACID W/CLAY STAB & 24 - 7/8" 1.3 SG BS. GOOD BALL ACTION. DID NOT BALL OUT PERFS. AIR 7 BPM. ATP 900 PSIG. FINAL TP 2,100 PSIG @ 6.7 BPM W/BS ON PERFS. ISIP 900 PSIG. 5" SIP 0 PSIG. RAN JUNK BASKET TO PBTD.

09/26/01: FRAC'D MV PT LOOKOUT PERFS FR/4,161'-4,383' DWN CSG W/85,000 GALS WF120 70Q FRAC FLUID (70Q, N2 FOAMED, 20#, GUAR GEL, 2% KCL WTR) CARRYING 90,086# 20/40 BRADY SD. AIR 45 BPM (DH FOAM RATE). ATP 2,500 PSIG. ISIP 664 PSIG. 5" SIP 536 PSIG. 10" SIP 481 PSIG. PPD FRAC AS FOLLOWS: 20,000 GALS PAD, 10,000 GALS 0.5 PPG SD STG, 15,000 GALS 1 PPG SD STG, 20,000 GALS 1.5 PPG SD STG & 20,000 GALS 2 PPG SD STG. FLUSHED W/65 BBLS LINEAR GEL WTR. SET CIBP @ 4,110'. PRESS TSTD CIBP & CSG TO 800 PSIG. HELD OK. PERF'D MENELEE MV 1 JSPF @ 4,056', 4,052', 4,049', 4,044', 4,008', 4,005', 3,999', 3,973', 3,967', 3,955', 3,934', 3,875', 3,871', 3,845', 3,836', 3,831', 3,777', 3,772' & 3,767' (TTL 19 - 0.30" HOLES). W/O BD @ 1,600 PSIG. EIR W/2% KCL WTR 4 BPM @ 1,600 PSIG. ACIDIZED MENELEE MV PERFS FR/3,767'-4,056' DWN CSG W/1,000 GALS 15% NEFE HCL ACID W/CLAY STAB & 30 - 7/8", 1.3 SG BS.

GOOD BA. BALLED OFF PERFS TWICE. SURGED BS OFF PERFS & LET BS FALL. AIR 14 BPM. ATP 2,000 PSIG. ISIP 1,360 PSIG. 5" SIP 1,135 PSIG. RAN WL JUNK BASKET TO CIBP @ 4,110'. REC 27 BS. FRAC'D MENELEE MV PERFS FR/3,767'-4,056' DWN CSG W/105,500 GALS WF120 70Q FRAC FLUID (70Q, N2 FOAMED, 20#, GUAR GELLED, 2% KCL WTR) CARRYING 114,609# 20/40 BRADY SD. AIR 47 BPM (DH FOAM RATE). ATP 3,413 PSIG. ISIP 1,657 PSIG. 5" SIP 1,616 PSIG. 10" SIP 1,593 PSIG. 15" SIP 1,570 PSIG. PPD FRAC AS FOLLOWS: 16,500 GALS PAD, 20,000 GALS 0.5 PPG SD STG, 20,000 GALS 1 PPG SD STG, 24,000 GALS 1.5 PPG SD STG & 25,000 GALS 2 PPG SD STG. FLUSHED W/57 BBLS LINEAR GEL WTR. RDMO FRAC & ACID EQUIP.

09/29/01: TIH & TGD FILL @ 4,010'. CO FILL TO CIBP @ 4,110'. DO CIBP @ 4,110'. TIH & TGD FILL @ 4,979' (21' OF FILL). TOH W/BIT. TIH W/PROD TBG AS FOLLOWS: 2-3/8" NC, 2-3/8" SN & 132 JTS 2-3/8" 4.7#, J-55, EUE, 8RD TBG. LANDED EOT @ 4,280'. SN @ 4,278'.

09/30/01: IP TST: F. 0 BO, 20 BLW, 264 MCF, FTP 466 PSIG, SICP 658 PSIG, 3/8" CK, 4 HRS. CAOF 1,583 MCFPD

10/02/01: OWU & DEL FIRST GAS SALES FR/THE MV TO WFS @ 11:45 A.M., 10/1/01.

02/19/02: MIRU PU. FTP 150 PSIG. SICP 245 PSIG. TOH & LD SN & NC.

02/20/02: SITP 250 PSIG, SICP 300 PSIG. TGD FILL @ 4,914'. CO HARD FRAC SD TO 5,000'. DO CIBP @ 5,000'. TIH & TGD @ 6,667' (104' FILL). CO TO 6,749'. TBG STUCK.

02/21/02: RIH W/STRING SHOT & TG'D STRING FLOAT @ 1,844'. PRESS UP TBG TO 1,600 PSIG. SHOT FLAPPER OUT OF STRING FLOAT (1-1/8" ID). RIH W/FREEPOINT TOOLS. FOUND TBG FREE @ 6,697' (1' ABOVE BIT & BIT SUB). RIH W/STRING SHOT FOR CONTROLLED BACK OFF TO 6,697'. DID NOT GET A BACK OFF.

02/22/02: TRIED TO BACK OFF W/STRING SHOT @ 6,675'. BACKED OFF @ 1,855'.. TOH. LD STRING FLOAT. TIH W/TBG. SCREWED INTO TOP OF FISH. RIH W/CHEM CUTTER. CUTOFF TBG @ 6,660'. TOH W/TBG. LEFT 3-7/8" BIT, XO SUB & 2-1/2 JTS TBG IN HOLE. TOF @ 6,660' (238' BELOW BTM DK PERF).

02/23/02: TIH W/NC, SN & 197 JTS 2-3/8" TBG. LANDED EOT @ 6,387'. SN @ 6,385'. TOF @ 6,660'. RAN TBG BROACH TO SN. NO TIGHT SPOTS. BFL @ 4,000' FS. S. 11 BLW, 4 RUNS. WELL KO FLWG F. 0 BO, 4 BLW, GAS, FTP 16 PSIG, SICP 298 PSIG, FULL OPEN 2" CK, 2 HRS. SITP 308 PSIG, SICP 422 PSIG. OWU DK/MV DHC TO WFS @ 10:10 A.M., INITIAL RATE 400 MCFPD.

02/26/02: RDMO PU.

10/12/02: STD XTO WH RECIP COMP (CAT 3304, 2 STG, XTO DIST TOOL SJB #13144)

12/24/02: MIRU SL. RIH W/2" JDC TO 6,370'. REC SINGLE PAD PLNGR, & BHBS COVERED W/SCALE FILM & BTM PLUGGED W/SCALE. RIH W/1.75" GR TO 6,372'. SET DWN. JARRED THRU SN. SET DWN @ 6,645' (126' FILL). RIH W/1.906" BROACH TO 6,372'. NO TIGHT SPOTS. SET BHBS @ 6,372'. PUSHED SINGLE PAD PLNGR TO BTM. SN @ 6,385'. EOT @ 6,387'. FILL @ 6,645'. RDMO SL.

11/11/04: MIRU SLU. RIH W/2" RB PULLING TL. TGD @ 6,372'. REC SNGL PAD PLNGR & BHBS (NOT SEATED IN SN). RIH W/1.91" BROACH. TGD SN @ 6,372' SLM. NO TI SPOTS. RIH W/1.75" GR. TGD @ 6,645' (126' FILL). RIH W/1.5" BB. CHASED EQUIP TO 6,372' (SN). CYCLE PLNGR TO SURF. RDMO SL.

# McDANIEL GAS COM B #1R WELLBORE DIAGRAM

03/31/06: MIRU SLU. RIH W/ 1.91" BROACH. TGD @ 6,396' (FL @ 6,200'). NO TI SPOTS. RIH W/2" JDC TL. TGD @ 6,396'. LATCHED BHBS. PLD UP, JARRED FOR 30". SHEARED OFF. RDMO SLU. DROPD ACID STICKS. DROPD PLNGR & RWTP.

05/16/06: MIRU SWU. RIH W/ 2" JDC TL. TGD @ 6,400'. POH. REC PLNGR. RIH W/2" JDC TL. POH. REC BHBS W/HEAVY SC. RU SWB TLS. BFL @ 5,900' FS. S. 0 BO, 2 BW, 10 RUNS, 6 HRS. FFL SCTD.

05/17/06: BFL @ SCTD FS. S. 0 BO, 0 BW, 1 RUN, 1 HR. PPD 300 GALS 15% HCL, 3 GALS C-864 INHIBITOR, 10 GALS F-750 FOAMER, 5 GALS CB-1089, FLSHD W/3 BBLS WTR DWN TBG.

05/18/06: S. 0 BO, 0 BLW, 4 RUNS, 2 HRS. RDMO SU.

05/24/06: MIRU PU. TBG STUCK. WRKD TO 65K. PULLED FREE.

05/25/06: TIH W/3 JTS TBG. TIH & TGD TOF @ 6,662'. TOH W/197 JTS 2-3/8" TBG, SN, & NC. TIH W/3-7/8" BLADE BIT, 3-7/8" STRG ML, XO & 206 JTS TBG. TGD TOF @ 6,662'. TOH W/206 JTS TBG, XO, STRG ML & BIT. TIH W/NC, SN, (SV) & 197 JTS TBG. RIH W/XTO 1.910" TBG BROACH TO SN. PT TBG TO 1,000 PSIG. TSTD OK. BFL SURF. S. 0 BO, 23 BLW, 9 RUNS, 2 HRS, FFL 6,000' FS. CLN FLD SMPL W/NO SOLIDS.

05/26/06: LD TBG W/DONUT & 2-3/8" SEAL ASSY AS FOLLOWS; SN @ 6,386'. EOT @ 6,387'. TOF @ 6,662'. BFL 5,500' FS. S. 0 BO, 2 BLW, 4 BPW, 11 RUNS, 3 HRS, FFL 6,386' FS, (SN). DROPD NEW FLTG BHBS FR/ WEATHERFORD & SAME DUAL PAD PLNGR. RDMO PU.

12/14/06: MIRU SLU. RIH W/2" RB TL. TGD @ 6,386'. REC DUAL PAD PLNGR & TRAVELING BHBS. BHBS SHOWED SCALE. RIH W/1.91" BROACH. TGD @ 6,386'. NO TI SPOTS. RIH W/ 1.50" IB. TGD @ 6,673'. IB SHOWS FILL. (98'). DROPD SAME TRAVELING BHBS & NEW ILS SHORT DUAL PAD PLNGR (NO SN). RDMO SLU.

06/07/07: MIRU H&M PMP TRK. PPD 20 GALS EB-100 (DEMULSIFIER) DWN CSG & FLSHD W/ 10 GAL FW. PPD 5 GALS EB-100 (DEMULSIFIER) DWN FL FLSHD W/ 5 GAL FW. RDMO H&M PMP TRK. RWTP 6/29/05.

07/24/07: MI & SET 2 - 400 BBL FRAC TKS & FILLED W/2% KCL WTR. MI & SET FLWBACK TK. MIRU TRIPLE "P" RIG #20. RIH W/2" JDC TL. TGD @ 6,385'. POH W/2" JDC TL. RECD DUAL PAD PLNGR. RIH W/2" JDC TL. TGD @ 6,386'. POH W/JDC TL. RECD TRVLG BHBS. BHBS W/SC. ND WH. NU BOP. PU & TIH W/7 JTS 2-3/8" TBG W/NO TG. EOT @ 6,611'. TOF @ 6,660'. PBTD @ 6,771'. TOH & LD W/7 JTS TBG. TOH W/62 JTS 2-3/8" TBG. TOH & LD W/135 JTS TBG, SN & NC. TIH W/3-7/8" BIT, 3-7/8" STRG ML & 62 JTS TBG. TOH W/62 JTS TBG, 3-7/8" STRG ML & 3-7/8" BIT.

07/25/07: PPD DWN CSG W/1 BBL 2% KCL WTR & 3# WT PELLETS. TIH W/WEATHERFORD 4-1/2" CIBP & 61 JTS 2-3/8" TBG. SET CIBP @ 1,975'. LOAD CSG W/26 BBLS 2% KCL WTR. CIRC 10". PT CSG & CBP TO 1,000 PSIG FOR 5". TSTD OK. RLSD PRESS. TOH & LD W/61 JTS TBG & SETTING TL. ND BOP. LOAD CSG W/5 BBLS 2% KCL WTR. NU WSI 5K WP FRAC VLV. MIRU H&M PMP TRK. PT FRAC VLV, CSG & CBP TO 3,000 PSIG FOR 5". TSTD OK. RLSD PRESS. TRTD FRAC FLD W/BIOCID. RDMO PMP TRK. RDMO PU.

07/26/07: MIRU BWWC WLU. PERFD PC W/3-1/8" CSG GUN FR/1,862' - 1,888' W/2 JSPF (OWEN HSC-3125-302, 10 GM CHRGS, 0.32" PENE., 14.3" PENE., 52 HOLES). CORRELATED DEPTHS TO COMPUTALOG GR/CCL DATED

7/11/01. POH W/WL. RDMO WLU. MIRU WSI TRK. RU 10K WP ISOL TL. RDMO WSI TRK.

07/27/07: MIRU HALLIBURTON FRAC EQUIP. BD PC PERFS FR/1,862' - 1,888' DWN 4-1/2" CSG @ 4.3 BPM & 2,053 PSIG. EIR @ 9.3 BPM & 738 PSIG. A. W/1,200 GALS 15% NEFE HCL AC. FLSHD W/30 BBLS 2% KCL WTR @ 10.1 BPM & 463 PSIG. ISIP 304 PSIG. 3" SIP 84 PSIG. FRACD PC PERFS W/59,295 GALS 70Q FOAMED DELTA 140 FRAC FLD (12# BORATE XL GELLED 2% KCL WTR) CARRYING 120,160# SD (100,100# 16/30 BRADY SD & 20,060# 16/30 SUPER LC RC SD PER WT SLIPS). FLSHD W/29 BBLS 55Q N2 FOAMED FRAC FLD. AIR 39.5 BPM. ATP 1,748 PSIG. MAX TP 2,036 PSIG. MAX SD CONC 4.97 PPG. ISIP 1,417 PSIG. 5" SIP 1,085 PSIG. 531 BLWTR. USED TTL 670,000 SCF N2. RDMO FRAC EQUIP. MIRU PRECISION SYS FLWBACK MNFD & FL. SWI 4 HRS. SICP 290 PSIG. OWU ON 1/2" CK @ 9:00 P.M. F. 0 BO, 76 BLW, N2, FRAC FLD W/NO SD, FCP 290 - 140 PSIG, 1/2" CK, 9 HRS.

07/28/07: CONT'D FLWG FR/PC FRAC ON 1/2" CK. F. 0 BO, 18 BLW, N2, GAS W/NO SD, FCP 140 - 110 PSIG, 1/2" CK, 10 HRS. RAN IP TST FOR PC. F. 0 BO, 0 BLW, 97 MCF (BASED ON 780 MCFD CALC WET GAS RATE), FCP 110 PSIG, 1/2" CK, 3 HRS. SWI. RDMO PRECISION SYS.

09/07/07: MIRU PU. MI & SET FLWBACK TK & FL. MIRU AFU. PPD DWN CSG W/30 BBLS 2% KCL WTR & KW. TIH W/NC, SN & 30 JTS 2-3/8" TBG. SWI.

09/08/07: PPD DWN TBG W/30 BBLS 2% KCL WTR & KW. PU & TIH W/NC, SN & 60 JTS 2-3/8" TBG. TGD @ 1,932' (43' OF FILL). RU PWR SWIVEL. ESTB CIRC W/AFU. CO FILL FR/1,932' - 1,975' (CIBP). CIRC 1HR. RDMO AFU. USED 30 BBLS 2% KCL WTR W/AFU. RECD 0 BO, 50 BLW W/AFU. RD PWR SWIVEL. TOH W/2 JTS TBG. SD 1 HR. SN & EOT @ 1,885'. RU SWB TLS. BFL 1,400' FS. S. 0 BO, 2 BLW, 1 RUN, 1/4 HR, FFL 1,800' FS. LT BRN FLD SMPL W/NO SOLIDS. FTP 50 PSIG. SICP 160 PSIG. RD SWB TLS. RAN IP TST FOR PC. F. 0 BO, 6 BLW, 61.28 MCF GAS (BASED ON 367.7 MCFD CALC WET GAS RATE), FTP 50 - 40 PSIG, SICP 160 - 170 PSIG, 1/2" CK, 4 HRS. PPD DWN TBG W/5 BBLS 2% KCL WTR & KW. PU & TIH W/2 JTS TBG. TGD @ 1,975' (CIBP). TOH W/3 JTS TBG. TIH W/3 - 2-3/8" TBG SUBS (4', 4' & 8') & 1 JT TBG. TBG; NC, SN, 56 JTS TBG, 3 - 2-3/8" TBG SUBS (4', 4' & 6') & 1 JT TBG. LD TBG W/DONUT & 2-3/8" SEAL ASSY AS FOLLOWS; SN @ 1,869'. EOT @ 1,870'. CIBP @ 1,975'. TOF @ 6,660' (FR/02/22/02). PBTD @ 6,771'. SWIFPBU RDMO PU.