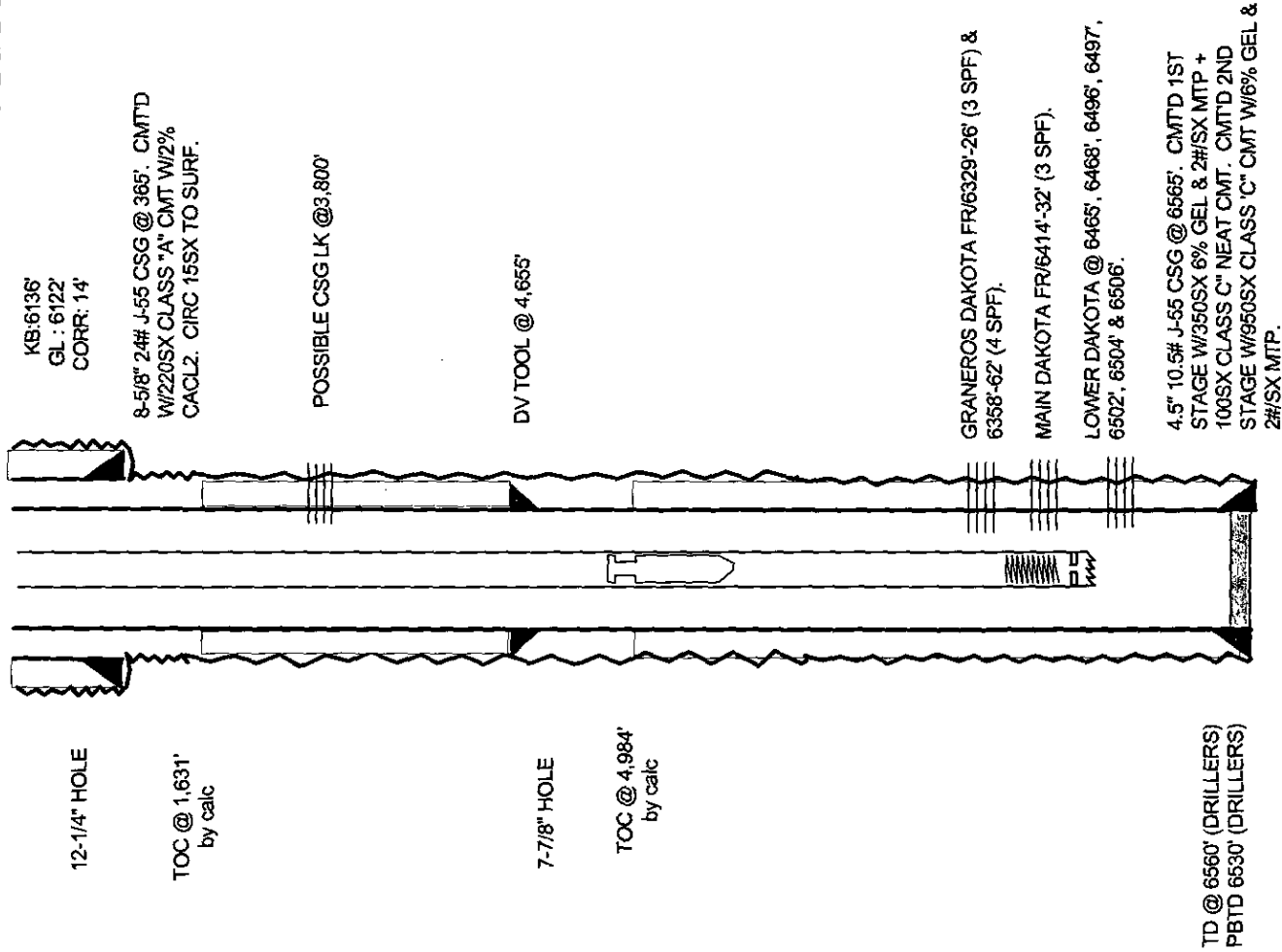


PO Pipkin #4 WELLBORE DIAGRAM

30-045-06499



KB: 6136'
GL: 6122'
CORR: 14'

8-5/8" 24# J-55 CSG @ 365'. CMT'D
W/220SX CLASS "A" CMT W/2%
CACL2. CIRC 15SX TO SURF.

POSSIBLE CSG LK @ 3,800'

DV TOOL @ 4,655'

7-7/8" HOLE

TOC @ 4,984'
by calc

GRANEROS DAKOTA FR/6329'-26' (3 SPF) &
6358'-62' (4 SPF).

MAIN DAKOTA FR/6414'-32' (3 SPF).

LOWER DAKOTA @ 6465', 6468', 6496', 6497',
6502', 6504' & 6506'.

4.5" 10.5# J-55 CSG @ 6565'. CMT'D 1ST
STAGE W/350SX 6% GEL & 2#SX MTP +
100SX CLASS "C" NEAT CMT. CMT'D 2ND
STAGE W/950SX CLASS "C" CMT W/6% GEL &
2#SX MTP.

TD @ 6560' (DRILLERS)
PBDT 6530' (DRILLERS)

DATA

LOCATION: 1900' FSL & 1770' FWL, UNIT K, SEC 17, T27N, R10W
COUNTY/STATE: SAN JUAN COUNTY, NEW MEXICO
FIELD: BASIN DAKOTA
FORMATION: DAKOTA
NM LEASE#: SF 077875 API#: 300450649900 CTOC WELL#: 70860
SPUD DATE: 6/9/64 COMPLETION DATE: 6/30/64
IP: F. 1500 MCFPD, FTP 125 PSIG, CP 375 PSIG, 3/4" CK, 3 HRS.
PRODUCTION METHOD: FLWG GAS WELL
TUBING STRING: NC, SN, 202 JTS 2-3/8" TBG, 3 JTS 2-3/8", 4.7#, J-55, EUE 8RD, 3 TBG SUBS (8', 6' & 4') & 1 JT 2-3/8", 4.7#, J-55, EUE 8RD, SEAH TBG, SN @ 6,440', EOT @ 6,441'.
PERFS: GRANEROS DAKOTA FR/6329'-26' (3 SPF) & 6358'-62' (4 SPF). MAIN DAKOTA FR/6414'-32' (3 SPF). LOWER DAKOTA @ 6465', 6468', 6496', 6497', 6502', 6504' & 6506'.

HISTORY

06/09/64: J.C. MAN DRLG SPUNDED 12-1/4" HOLE. KB: 6136'. GL: 6122'.
06/10/64: SET 8-5/8" 24# J-55 CSG @ 365'. CMT'D W/220SX CLASS "A" CMT W/2% CACL2. CIRC 15SX TO SURF.
06/21/64: REACHED TD OF 7-7/8" HOLE @ 6560'. RAN OH LOGS.
06/22/64: SET 4.5" 10.5# J-55 CSG @ 6565'. DV TOOL @ 4655'. CMT'D 1ST STAGE W/350SX 6% GEL & 2#SX MTP + 100SX CLASS "C" NEAT CMT. CMT'D 2ND STAGE W/950SX CLASS "C" CMT W/6% GEL & 2#SX MTP.
06/28/64: TIH W/BIT & TAGGED CMT @ 4651'. DO CMT & DV TOOL TO 4655'. TIH & TAGGED CMT @ 6467'. CO TO PBDT @ 6530'. SPOTTED 250 GALS 7-1/2% REG ACID.
06/29/64: RAN GR/CCL LOGS. PERF'D DAKOTA FR/6432'-14' (3 SPF). F. W/41,832 GALS WTR W/7#1000 GALS J-2 & 40,000 LBS SD @ 43.3 BPM & 3200 PSIG. SET CIBP @ 6390'.
PERF'D GRANEROS DAKOTA FR/6362'-58' (4 SPF) & 6336'-29' (3 SPF). F. W/36,456 GALS WTR W/7#1000 GALS J-2, 20,000 LBS 20/40 SD & 10,000 LBS 10/20 SD @ 28 BPM & 3400 PSIG.
06/30/64: TIH W/TBG. LANDED TBG @ 6355'. PWOP.
07/09/64: F. 150 MCFPD, FTP 125 PSIG, FCP 375 PSIG, 3/4" CK, 3 HRS.
02/07/97: SET CK IN TBG. TIH & TAGGED SD @ 6485'. POH.
02/10/97: FIN POH W/TBG. TIH W/3-7/8" BIT & SCRAPER. TAGGED @ 6485'. CO TO 6525' W/N2. PU TO 6300'. WAIT 1 HR. TIH & TAGGED @ 6525'. NO FILL.
02/11/97: POH W/TBG & BIT. RAN GR FR/6527'-6200'. PERF'D DAKOTA @ 6506', 6504', 6502', 6497', 6496', 6468' & 6465'. SET DTT'S PKR @ 6450'. TIH W/2-7/8" N-80 WS.
02/12/97: STUNG INTO DTT'S PKR. FRAC DK FR/6465'-6506' W/22,092 GALS 70Q FOAM & 21,868 LBS 20/40 SD.
02/13/97: OWU. POH W/2-7/8" TBG.
02/17/97: TIH W/3-7/8" BIT. TAGGED DTT'S PKR @ 6450'. CO W/FOAMER TO 6527'. CIRC WELL CLEAN. POH.
02/18/97: TIH & TAGGED @ 6527' (NO FILL). POH W/BIT. TIH W/2-3/8" TBG. LANDED TBG @ 6501'. SWBD WELL FOR 1.5 HRS. NO FLOW.
02/19/97: SWBD WELL. NO FLOW. TIH & TAGGED PBDT @ 6527' (NO FILL). PU & LANDED TBG @ 6501'.
02/20/97: FLWD 2 HRS THEN LOGGED OFF. SWBD WELL DWN TO "X" NIPPLE.
02/21/97: OWU. WELL FLWD THEN LOGGED OFF.
01/01/98: CTOC ASSUMES OPERATORSHIP OF WELL.
08/12/98: SHOT FL 142 JFS (4,459' FS). FL @ 1,870' ATP, 2,011' ASN & 2,042' AEOT.
12/03/98: FTP 0 PSIG, SICP 710 PSIG. WELL LOGGED OFF FLWG TO TNK. BFL 4,800' FS. S. 3 BC, 0 BW, 3 HRS (1 HR). WELL KO FLWG. RWTP @ 10:00 A.M. 11/2/98. SET AUTOMATION FOR 40" OR 200 MCFPD FLW RATE, SI FOR 90" & NO VENT TIME.

PO Pipkin #4
WELLBORE DIAGRAM

12/04/98: MIRU WL. RIH W/1.901" GR TO 6.393' FS. RIH W/1.75" BL BX TO 6.518' FS. RIH W/1.85" BL BX TO 6.400' FS. RIH & SET 3 SLIP STOP @ 6.390' FS. SET LATCH DWN SPRING. DROPPED PAD PLNGR & PUSHED TO BTM. RDMO WL.
11/15/02: SET NEW UNIVERSAL WH RECIP COMP (ARROW 330, 3STG).
11/18/02: MIRU EXPERT DOWNHOLE SLU. RIH W/2" RB TL TO 6.390' FL @ 5.950' POH & REC SCALED COLLET SPRING. RIH W/2" SB TL TO 6.390'. LATCHED & JARRED FOR 1 HR. SLIPPED OFF FISH NECK OF 3 SLIP STOP. POH W/NO REC. RIH W/1.91" BROADCH TO 6.390'. POH W/NO TI SPOTS. DRPD USED FLTG BHBS. DRPD USED PAD PLNGR. RDMO EXPERT SLU. SWIFPBU.
02/25/06: MIRU PU. TOH W/BHA. FOUND 203 & 204 JTS FS W/HVY PLGR WEAR. FOUND 116 JT FS W/HVY SC @ TBG OD.
03/02/06: CO TO PBTD. TIH W/NC, SN, & 206 JTS 2-3/8" TBG. LD SN @ 6.471'. EOT @ 6.473'.
04/27/06: DISCON XTO WH RECIP COMPR (ARROW 330, 3 STG). SET XTO WH RECIP COMPR (CAT 3304, 2 STG).