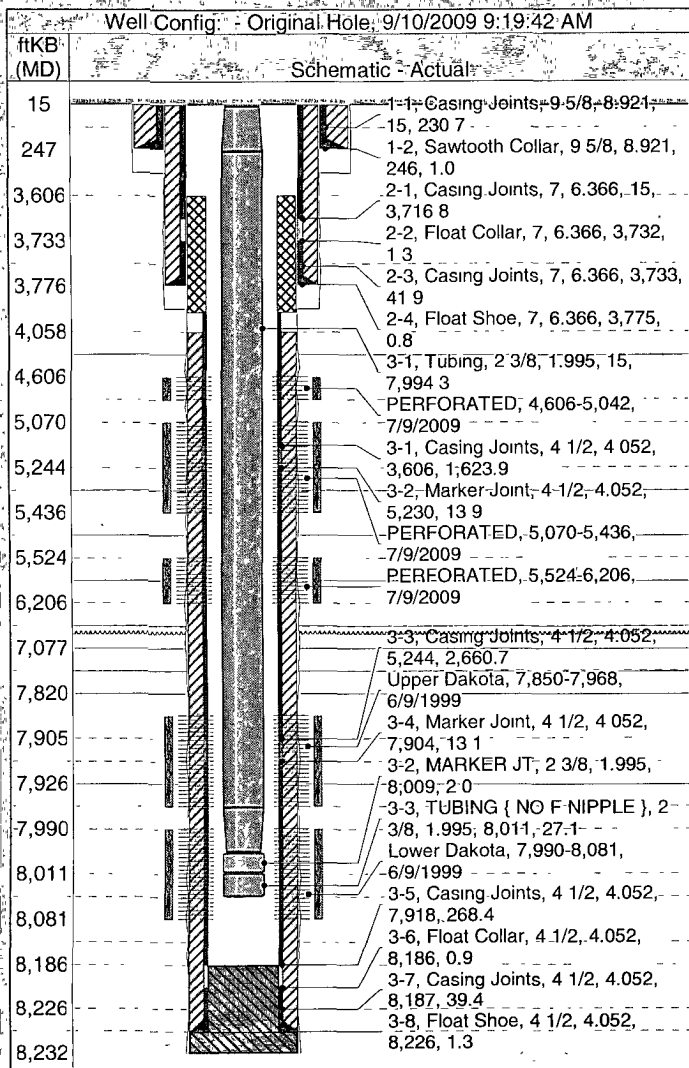


County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location NMPM,013-031N-008W	N/S Dist (ft) 1,050.00	N/S Ref S	E/W Dist (ft) 1,180.00	E/W Ref E
Gr Elev (ft) 6,521.00	Orig KB/RT (ft) 6,536.00	Latitude (DMS) 36° 53' 34.188" N	Longitude (DMS) 107° 37' 17.832" W	Original Spud Date 5/19/1999	Rig Release Date 5/21/2001	



Cement

Surface Casing Cement, casing, 5/20/1999 23:30

Description

Surface Casing Cement

Cement Stages

220 sxs Class B neat, circulated 16 bbls to surface

Intermediate Casing Cement, casing, 5/23/1999 21:00

Description

Intermediate Casing Cement

Cement Stages

441sxs Class B, 3% Sodium Metasilicate, 0.25 PPS cellophane, 7pps kolite followed by 90sxs 50/50 Class B Poz, 2% gel, 2% CaCl₂, 0.25 PPS cellophane, 5 PPS kolite, circulated 15 bbls to surface

Production Casing Cement, casing, 5/30/1999 05:30

Description

Production Casing Cement

Cement Stages

430 sxs 50/50 Class B Poz, 2% gel, 0.25 PPS cellophane, 5 PPS kolite, 0.5% B144, 0.2% D65; TOC @ 4162' (CBL 6/8/1999)

Cement Plug, plug, 5/30/1999 05:30

Description

Cement Plug

Cement Stages

PBTD

PBTD

PBTD

Cement Squeeze, squeeze, 6/11/2009 12:00

Description

Cement Squeeze

Cement Stages

PT LINES TO 3,500 PSIG PPD DWN TBG W/7 BFW SPACER SD. PPD DWN TBG W/15 BBLs TYPE III CEMENT (MIXED @ 14.6 #/GAL & 1.39 CU FT/SX YIELD). SD WASH UP PUMP & LINES. FLUSHED DWN TBG W/11.5 BBLs DISPLACEMENT & SPOT BALANCED CMT PLUG FR/3,634' - 3,253'. REV CIRC OUT W/17 BFW. RECD 1/4 BBL CMT TO SURF. START DISPLACEMENT. PPD DWN TBG W/10 BFW @ 1 BPM & 1,150 PSIG. (FINAL SQZ PRESS 1,550 PSIG). 13 BBL TOTAL SQUEEZE DISPLACEMENT.

Casing Strings

Surface Casing, 246.7ftKB

Casing Description

Surface Casing

Comment

Centralizers Count

Intermediate Casing, 3,775.8ftKB

Casing Description

Intermediate Casing

Comment

Centralizers Count

Production Casing, 8,227.5ftKB

Casing Description

Production Casing

Comment

CUT CSG @ 3606'

Centralizers Count