

Pre-Workover

San Juan 28-5 Unit #70

DPNO 51672A

Basin Dakota

SW Section 34, T-28-N, R-5-W, Rio Arriba County, NM

Latitude/Longitude: 36°39.8198' / 107°21.0653'

Today's Date: 8-12-97

Spud: 7-27-67

Completed: 9-7-67

Logs: IEL, CDL-GR,
Temp. Survey, ETT

Elevation: 6589' (GL)
6600' (KB)

Workovers: (12/71) Ran Csg
Inspection Log. Hole in Csg @
1580'. Bad Csg 1700' - 2600'.
Set Howco E-Z Drill retainer @
7557'. Ran Tbg. Loaded backside
w/pkr fluid.

Nacimiento @ 1731'

Ojo Alamo @ 2768'

Kirtland @ 2946'

Fruitland @ 3005'

Pictured Cliffs @ 3430'

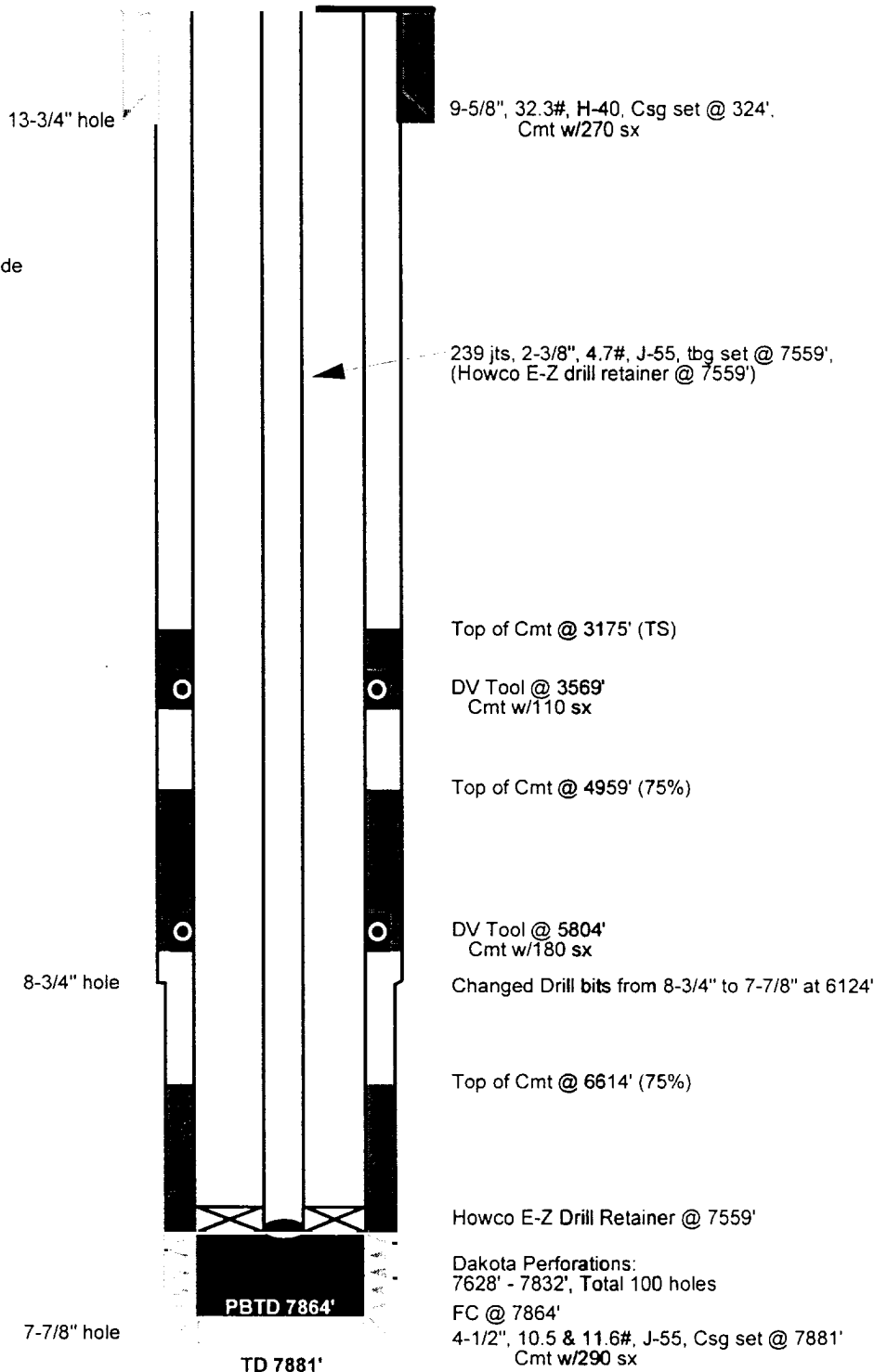
Mesaverde @ 5107'

Menefee @ 5310'

Point Lookout @ 5590'

Gallup @ 6580'

Dakota @ 7728'



Post-Workover

San Juan 28-5 Unit #70

DPNO 51672A

Basin Dakota

SW Section 34, T-28-N, R-5-W, Rio Arriba County, NM

Latitude/Longitude: 36°39.8198' / 107°21.0653'

As of Date: 11-26-97

Spud: 7-27-67

Completed: 9-7-67

Logs: IEL, CDL-GR,
Temp. Survey, ETT

Elevation: 6589' (GL)
6600' (KB)

Workovers: (12/71) Ran Csg
Inspection Log. Hole in Csg @
1580'. Bad Csg 1700' - 2600'.
Set Howco E-Z Drill retainer @
7557'. Ran Tbg. Loaded backside
w/pkr fluid.

Nacimiento @ 1731'

Ojo Alamo @ 2768'

Kirtland @ 2946'

Fruitland @ 3005'

Pictured Cliffs @ 3430'

Mesaverde @ 5107'

Menefee @ 5310'

Point Lookout @ 5590'

Gallup @ 6580'

Dakota @ 7728'

13-3/4" hole

9-5/8", 32.3#, H-40, Csg set @ 324',
Cmt w/270 sx

Isolated Multiple
Holes in Csg from:

1917' to 2886'

1-1/2", 2.9#, J-55, tbg set @ 7772',
(Baker Model D Pkr @ 7475')

Top of Cmt @ 3175' (TS)

DV Tool @ 3569'
Cmt w/110 sx

Top of Cmt @ 4959' (75%)

DV Tool @ 5804'
Cmt w/180 sx

Changed Drill bits from 8-3/4" to 7-7/8" at 6124'

Top of Cmt @ 6614' (75%)

Baker Model D Pkr @ 7475'

Dakota Perforations:
7628' - 7832', Total 100 holes
FC @ 7864'

4-1/2", 10.5 & 11.6#, J-55, Csg set @ 7881'
Cmt w/290 sx

8-3/4" hole

7-7/8" hole

PBTD 7864'

TD 7881'

