

**GCU COM G 179**

Dakota

API # 30-045-07805

Sec. 26, T29N, R12W

San Juan County, New Mexico

History

10/1964 - Spud in

11/1964 - Complete DK

02/1993 - BH repair; set BP @ 5900';

run CBL f/ 4500' to surface; TOC @ 900'

perf @ 800'; squeeze 120 sx class B @ 1000 psi;

press test csg to 600 psi; run CBL f/ 1000' to surf

TOC @ 750'; C/O to 6073'; Land tbg @ 6060'

08/2004 - SL - POH plunger & stop @ 6012'

tag fill @ 6071'

08/2009 - SL - POH plunger & stop @ 6012'

tag fill @ 6071'

12/2011 - SL - retrieved no plunger or stop;

tag fill @ 6043'; RIH w/ 1.78" IB - tag @ 6012';

RIH 1 1/2" sampler - tag @ 6043'; RIH w/ 1.901" gr -

tag nipple @ 6012'; locate EOT @ 6039'

04/2014 - SL tag fill @ 6050'; repair csg valve;

c/o fill w/ existing tbg to 6073' (PBTD);

MIRU eline; CCL & GR correlation log; tag @ 6062'

re-perf; RIH w/ prod tbg; pump 5 bbls 15% HCl over perms; land tbg

Formation Tops (ft)

Surf. Sand/shale	surface
Pictured Cliffs	1440
Lewis Shale	1500
Mesa Verde	2985
Mancos	4165
Gallup	5082
Base Gallup	5438
Greenhorn	5846
Graneros Shale	5910
Graneros Dakota	5950
Main Dakota	6026

Deviation Survey

Depth (ft)	Dev (deg)
370	0.25
1255	0.50
1755	0.50
2255	1.00
3135	1.00
3635	1.00
3973	1.00
4330	1.00
4825	1.00
5445	1.00
5730	1.00
5967	1.00

GL 5446'
KB 5458'

X Nipple @ 6030'

F Nipple @ 6035'
EOT @ 6040'PBTD 6073'
TD 6110'

12 1/4" Hole

8 5/8", 24#, J55 @ 370'

Cmt w/ 300 sks, Class B, neat

cmt w/ 2% CaCl2

TOC @ surface (circ)

Squeeze hole @ 800'

Tubing Details

Pup Jt 2 3/8", 4.7#, J55, EUE, MS

F nipple 2 3/8" / 1.78"

Pup Jt 2 3/8", 4.7#, J55, EUE

X Nipple 2 3/8" / 1 1/8"

Tubing 2 3/8", 4.7#, J55, EUE, 191 jts

Pup Jt 2 3/8", 4.7#, J55, EUE

Tubing 2 3/8", 4.7#, J55, EUE, 191 jts

DV Tool @ 4261'

Length (ft)

4

1

4

1

5983

4

32

Perforations

Graneros 5951 - 5963' @ 4 spf

Frac w/ 30K gals & 25K # sand

Re-perf 5950 - 5965' @ 4 spf (04/2014)

Main Dakota 6049 - 6053' @ 3spf

Main Dakota 6054 - 6060' @ 2spf

Frac w/ 37K gals water & 35K # sand

Re-perf 6022 - 6027 @ 3 spf (04/2014)

Re-perf 6027 - 6062 @ 2 spf (04/2014)

7 7/8" Hole

4 1/2", 10.5#, J55 @ 6110'

Stage 1 - 400 sxs cmt w/ 6% gel &

2 #/sk Tuf Plug

Stage 2 - 1000 sxs cmt w/ 6% gel &

2 #/sk Tuf Plug

TOC @ 750' (CBL 01/27/1993)