



Marsrow GC 01
Dakota
API # 30-045-08335
Sec. 15, T29N, R12W
1850' FNL x 1850' FWL
San Juan County, New Mexico

GL: 5573'
KB: 5585'

Formation Tops

Kirtland-Fruitland Sand and Shale	358-1610
Pictured Cliffs Sand and Shale	1610-1775
Lewis Shale	1775-3190
Mesaverde Sand and Shale	3190-4314
Mancos Shale	4314-5230
Gallup Sand and Shale	5230-5575
Mancos Shale	5575-5968
Greenhorn Shale	5968-6028
Graneros Shale	6028-6074
Graneros Dakota Pay Sand	6074-6087
Dakota Sand and Shale	6087-6150
Main Dakota Pay Sand	6150-6174
Dakota Sand and Shale	6174-6240

2-3/8" "F" Nipple ID 1.780" @ 6113

Perforated Pup Joint

Purge Valve

2-3/8" EOT @ 6151

Surface Casing

12-1/4" Hole
8-5/8", 24.0# @ 358'
Cmt w/ 200 sks Quixtlength neat cmt w/ 2% CaCl
TOC @ Surface

Rod Details

PUMP, RHAC, 2.0 X 1.25 X 14'
SINKER BAR (4) 1.5" x 25'
GUIDED RODS (10): 0.75 X 25 GRD. D
RODS (229): 0.75 X 25 GRD. D
RODS, PONY: 0.75 x 8' GRD. D
ROD, POLISHED: 1.125 X 26 FT

Tubing Detail

PURGE VALVE
TUBING (1), 2.375, 4.7#, J-55, EUE
PERFORATED PUP JOINT: 2.375" x 4'
"F" NIPPLE, 2.375 OD, 1.780 ID (with plug pre-installed)
TUBING (192), 2.375, 4.7#, J-55, EUE
PUP JOINT 2.375" x 3'
PUP JOINT 2.375" x 3'
PUP JOINT 2.375" x 8.25'
TUBING (1), 2.375, 4.7#, J-55, EUE

Dakota Perforations

6075-6087' @ 4SPF
Fracd w/ 34,770 gal. H2O w/ 2.5 lbs/1000 gal. FR-2
28,500 lbs. sand
6154-6170' @ 2SPF
Fracd w/ 40,000 gal. H2O w/ 1% CaCl, 2.5 lbs/1000 gal. FR-2
40,000 lbs. sand

7-7/8" Hole
4-1/2", 10.5# @ 6237'
Cmt: 1st stage w/ 500 sks Quixtlength w/ 4% gel, 1.5 lbs/sk tur plug
Tailed w/ 100 sks Quixtlength neat cmt.

PBTD: 6178'
TD: 6240'

THM (10-19-2011)