

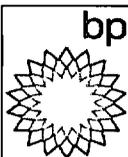
Holmberg GC D 1S
30-045- 31994-00

Unit letter Unit P - Sec 21 – T32N – R10W
San Juan, NM
OGRID Number: 000778
P&A date – July 2013

Basic Job Procedure:

1. TOH with rods
2. TOH with completion.
3. RIH with 4.5" scrapper to 2500'
4. RIH with CICR and set at 2460'.
5. Pump thru retainer 74 sks (15.2 bbl) neat G cement
6. Un-sting and balance plug to 2000' with 91 sks (18.7 bbl) neat G cement.
7. PU to 1950' and reverse circulate.
8. WOC and pressure test TOC.
9. RIH open ended and tag TOC.
10. Balance plug from 2000' to surface in two (2) stages with 212 sks (43.5 bbl) neat G cement total
11. Cut off well head, top off well in intermediate casing and install well marker and identification plate per regulatory requirements.
12. RD MO Location

Current Wellbore Diagram



KB 11'

Holmberg GC D 1S

Coal
 API # 300453199400
 Unit P - Sec 21 - T32N - R10W
 San Juan County, New Mexico

History

9/23/2004 Drilled
 2/7/2008 Cleanout

2 3/8" tubing, J-55, 4.7#, EUE

Top of "F" Nipple: 2787.8

1.78" Nipple ID

Bottom Mule Shoe: 2810.8

OpenWells Btm of Pump: 2793'

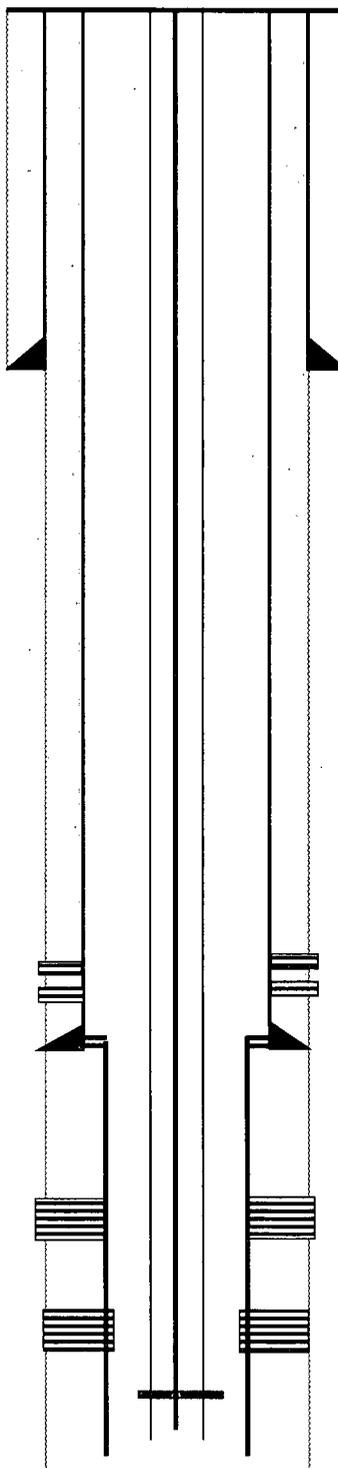
Tbg tjs - OD:2.375", ID: 1.995"

Rods:

L (ft)	OD	GRD
26	1.5	
8	0.75	D
6	0.75	D
2650	0.75	D
75	1.25	C (sinker rod)
16	2	Rod pump 2"

Perforations

2510' - 2532'
 2532' - 2554'
 2692' - 2710'
 2692' - 2736'



9-5/8" Surface Casing
 @ 466'
 circulated to surface
 331 sks

7" Production Casing
 @ 2676'
 Cement circulated to surface
 323 sks

5.5" Production Liner
 Top: 2641'
 Bottom: 2890'
 Uncemented

Proposed Wellbore Diagram



KB 11'

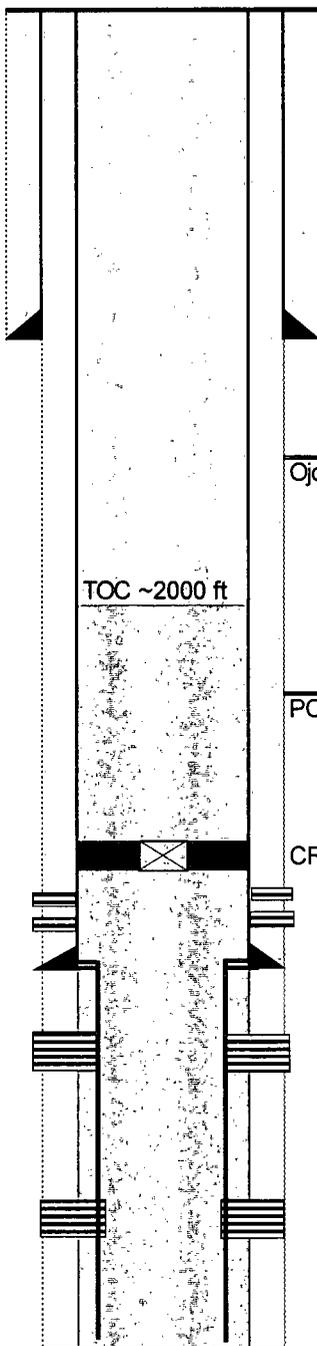
Holmberg GC D 1S
 Coal
 API # 300453199400
 Unit P - Sec 21 - T32N - R10W
 San Juan County, New Mexico

History
 9/23/2004 Drilled
 2/7/2008 Cleanout

Deviation

445'	0.25
1000'	0.5
1543'	0.75
2069'	0.75

Perforations
 2510' - 2532'
 2532' - 2554'
 2692' - 2710'
 2692' - 2736'



Hole: 12-1/4"
9-5/8" Surface Casing
 @ 466'
 32.3#, H-40 ST&C
 circulated to surface
 331 sks

Ojo Alamo Top: 950
 Btm: 1200

PCCF & FTLD COAL Top: 2150

CR at 2460'
 Hole: 8-1/4"
7" Prod Csg
 @ 2676' 20#, J-55, 8R ST+C
 Cement circulated to surface
 323 sks

Hole: 6-1/4"
5.5" Production Liner
 Top: 2641'
 Bottom: 2890', 15.5 #, J-55, 511
 Uncemented

TD: 2890'