

API 30-045-08413



**BRUINGTON GC B 001-DK**  
 Dakota  
 API #: 300450841300  
 Unit A - Sec 15 - T29N - R12W  
 San Juan County, NM

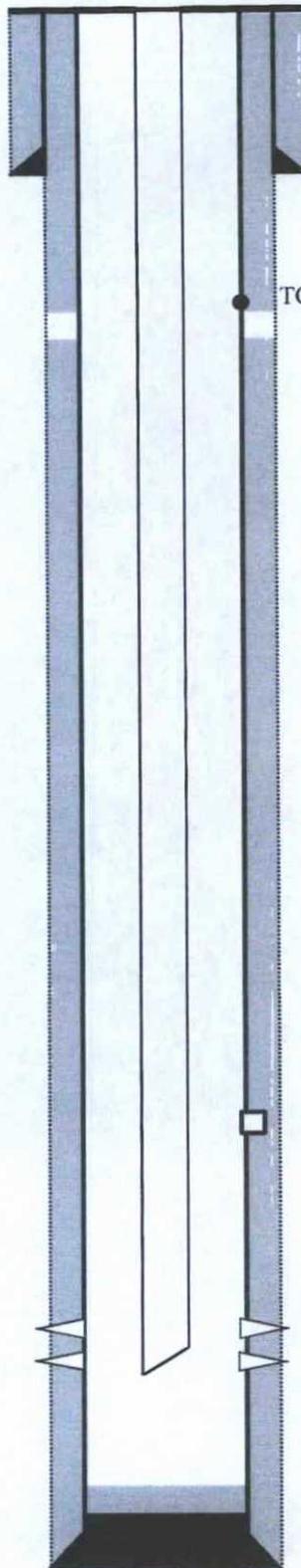
**Well History**

1/5/64 Spud date  
 2/3/64: Completion date  
 6/21/93: Repaired bradenhead  
 Tagged fill at 6237'  
 Ran CBL from 6012' -100'. TOC @ 1220'  
 Perf at 1200'. Pumped 301 sx cmt.  
 Pressure tested repair to 500 psi.  
 Cleaned out to 6237'  
 12/14/11: Changed master valve.  
 Tagged fluid at 5400'.  
 Tagged fishing neck at 6142'.  
 9/11/12: Braden head test  
 Casing pressuer = 499 psi  
 Bradenhead = 33 psi  
 Blew down to zero. Built to 14 psi in 5 min.

**Formation Top**

Pictured Clif	1670
Lewis Shale	1830
Mesaverde	3215
Mancos	4368
Gallup	5285
Lower Manc	5637
Greenhorn	6020
Graneros Sh	6082
Graneros DK	6,126
Main Dakota	6,195

Ground Eleveation 5700'  
 5625' KB



TOC: circulated to surface

**Surface Casing Data**

Hole Size: 12 1/4"  
 8 5/8", 24# casing at 376'  
 235 sxs

TOC: 1220'

OIL CONS. DIV DIST. 3  
 DEC 18 2015

**Tubing Details**

2 3/8" Tubing  
 SN F collar  
 1 joint  
 1/2" mule shoe joint  
 Landed at 6191

**Length**

SN F collar  
 Tubing Depth  
 6191'

Stage tool at 4457'

**Perforation Data**

6126-6140'  
 Frac'd w/ 27,500 gals wtr, and 20,000# sand  
 6202-6214'  
 6224-6232'  
 Frac'd w/ 37,800 gals wtr, and 40,000# sand

**Production Casing Data**

Hole Size 7 7/8"  
 4 1/2' 10.5# casing, at 6343'  
 Stage 1: 500 sx cement  
 Stage 2: 1000 sx cmt

PBSD: 6274'  
 TD:6310'

UPI 30-045-29046

OIL CONS. DIV DIST. 3

DEC 18 2015



GL 5482'  
KB 5495'

**Gallegos Canyon Unit 536**  
Pictured Cliffs  
API # 30-045-29046  
T-29N, R-13-W, Sec. 13  
San Juan County, New Mexico

**Well History**

Spud Date: 02/1994  
Completion Date: 5/7/1994  
Well Svc (1997) - C/O fill; Run pump & rods  
Well Svc (1998) - C/O fill; pull plugged pump  
Well Svc(1999) - Changed entire tubing string  
Well Svc (2002) - C/O fill. Replace holey tubing  
Well Svc (2003) - Replace holey tubing  
Well Svc. (2004) - Hole in tubing in Joint #33  
Well Svc. (2004) - Hole in tubing in Joint #33  
Well Svc. (2004) - Hole in tubing in Joint #45  
Well Svc. (2005) - Hole in tubing in Joint #39  
Well Svc(2007) - Hole in tubing Joint # 38  
Well Svc (2008) - Pump change  
Well Svc (2008) - Pump stuck in scale  
4/29/10: Switched from steel rods to continuous fiberglass rods. Changed out pump. Found hole in 47th jt of tubing.  
3/15/2011: No fill, severe corrosion and rod wear on bottom 3 jts, Run 3 jts boronized tubing.  
6/12/2012: change out down-hole pump, pump and mule shoe scaled up  
2/12/2013: Pull fiberod and pump. No scale, pump full of coal fines. Run new pump.

**Formation Tops**

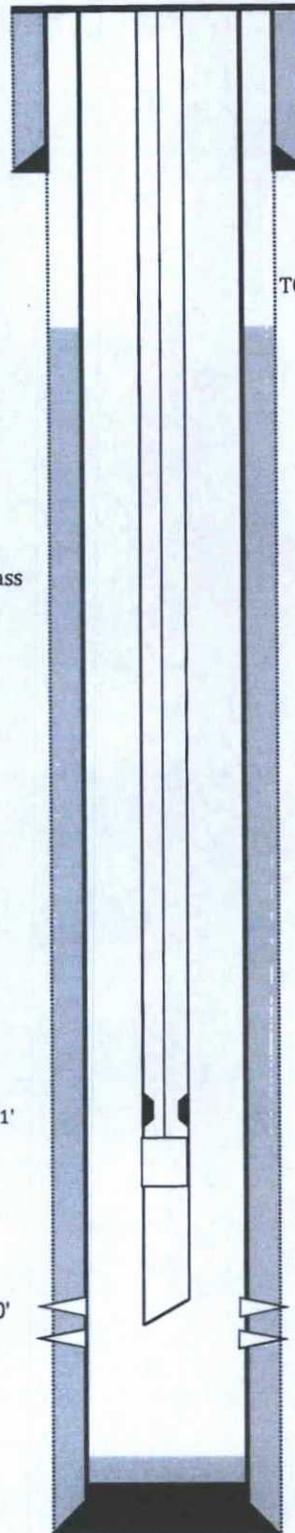
Ojo Alamo	Surface
Kirtland	124'
Fruitland	1,103'
Coal	1,150'
PC	1,394'

NIPPLE, PROFILE, "F", 2.375 OD, 1.780 ID @ 1461'

**Deviation**

Depth: 154' - 1/4 degrees  
Depth: 625' - 1/2 degrees  
Depth: 1,121' - 3/4 degrees  
Depth: 1,592' - 2-3/4 degrees

EOT@ 1480'



TOC: Circulated to surface

**Surface Casing Data**

8-3/4" Hole  
7", 20#, J-55 @ 151'  
Cmt w/ 100 sks (class 'B' cement)  
w/ 3% CaCl2 & 1/4#/sk celloseal

TOC @ 750' (of the 4-1/2" CSG) CBL

**Rod Details**

PUMP, RHAC, 2.0" X 1.25" X 9'  
Sinker Bars, K, 1.5" x 25' (3jt)  
Fiberglass Rods .5"  
Pony Rod .75" x 8' (1)  
Pony Rod .75" x 6' (1)  
ROD, POLISHED: 1.25 X 16 FT

**Length**

9'  
75'  
1350'  
8'  
6'  
16'

**Tubing Details**

MULE SHOE, 2.375 4.7# J-55  
NIPPLE, PROFILE, "F", 2.375 OD, 1.780 ID  
TUBING, 2.375, 4.7#, N-80 (3jts)  
TUBING, 2.375, 4.7#, J-55 (42jts)  
Tubing Pup Jt, 2.375" 4.7# J-55 (1jt)  
TUBING, 2.375, 4.7#, J-55, EUE

**Length**

18'  
1'  
93'  
1323'  
2'  
31'

**Perforation Data (PC)**

1,394' - 1,414' w/ 4 SPF  
1,418' - 1,432' w/ 4 SPF

**Frac'ed**

20# gel, 70Q foam  
129,000# of Brady Sand

**Production Casing Data**

6 1/4" Hole  
4 1/2", 10.5#, @ 1588'  
Cmt w/ 250 sks of 50/50 poz, 2% gel  
10% salt & 25 sx Class B cmt

PBT D 1542'  
TD 1593'

updated 4/4/2013