

Submit 1 Copy To Appropriate District  
Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

OCD Received 10/1/2020

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

107	7. Lease Name or Unit Agreement Name <b>Gallegos Canyon Unit</b>
2. Name of Operator <b>SIMCOE LLC (BP as Contract Operator)</b>	8. Well Number <b>107</b>
3. Address of Operator 1199 Main Ave., Suite 101 <b>Durango, CO 81301</b>	9. OGRID Number <b>329736</b>
4. Well Location Unit Letter <b>D</b> : <b>820</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>West</b> line Section <b>19</b> Township <b>29N</b> Range <b>12W</b> NMPM <b>San Juan</b> County	10. Pool name or Wildcat <b>BASIN DAKOTA</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5425'</b>	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP as a contract operator for SIMCOE LLC requests to P&A the subject well. Please see the attached procedure and wellbore diagram. COAs: CBL Required.

Plug #1 5855'-5755'. OCD Graneros pick @ 5805'.  
Extend PC plug 1335'-1180'. OCD PC pick @ 1305'.  
Fruitland Plug 1000'-900'. OCD Fruitland pick @ 950'.  
Surface plug 450'-0'.

Notify NMOCD 24hrs  
Prior to beginning  
operations

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patti Campbell TITLE Regulatory Analyst DATE 10/1/2020

Type or print name Patti Campbell E-mail address: patti.campbell@bpx.com PHONE: 970-712-5997

**For State Use Only**

APPROVED BY: [Signature] TITLE District III Geologist DATE 10/2/2020

Conditions of Approval (if any):

AV

## **SIMCOE LLC**

(BP America as contractor)

### **Plug And Abandonment Procedure**

#### **GCU 107**

820' FNL & 990' FWL, Section 19, T29N, R12W

San Juan County, NM / API 30-045-08131

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. TOOH with 2-3/8" production tubing.
6. P/U 4 1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 5856'.
7. P/U 4 1/2" CR, TIH and set CR at +/- 5806'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.

8. RU wireline and run CBL with 500 psi on casing from CR at 5806' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Joe Killans (BLM) at [jkillans@blm.gov](mailto:jkillans@blm.gov) and Brandon Powell at [Brandon.powell@state.nm.us](mailto:Brandon.powell@state.nm.us) upon completions of logging operations.

9. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

**NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing**

10. Plug 1 (**Dakota Perforations and Formation Top 5806'-5756', 5 Sacks Class G Cement**)

Mix 5 sx Class G cement and spot a balanced plug inside casing to cover the Dakota perforations and formation top.

11. Plug 2 (**Gallup Formation Top 5044'-4894', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover the Gallup formation top.

12. Plug 3 (**Mancos Formation Top 4128'-3978', 36 Sacks Class G Cement(Squeeze 24 sx))**)

RIH and perforate squeeze holes at 4128'. Establish injection rate into squeeze holes. RIH with 4 ½" CR and set at 4078'. Mix 36 sx Class G cement. Squeeze 24 sx outside casing leaving 12 sx inside casing to cover the Mancos formation top.

13. Plug 4 (**Mesa Verde(Point Lookout) Formation Top 3800'-3650', 36 Sacks Class G Cement(Squeeze 24 sx))**)

RIH and perforate squeeze holes at 3800'. Establish injection rate into squeeze holes. RIH with 4 ½" CR and set at 3750'. Mix 36 sx Class G cement. Squeeze 24 sx outside casing leaving 12 sx inside casing to cover the Mesa Verde(Point Lookout) formation top.

**14. Plug 5 (Mesa Verde(Menefee, Cliff House) Formation Tops 3064'-2781', 69 Sacks Class G Cement(Squeeze 46 sx))**

RIH and perforate squeeze holes at 3064'. Establish injection rate into squeeze holes. RIH with 4 ½" CR and set at 3014'. Mix 69 sx Class G cement. Squeeze 46 sx outside casing leaving 23 sx inside casing to cover the Mesa Verde(Menefee, Cliffhouse) formation tops.

**15. Plug 6 (Chacra Formation Top 2360'-2210', 36 Sacks Class G Cement)**

RIH and perforate squeeze holes at 2360'. Establish injection rate into squeeze holes. RIH with 4 ½" CR and set at 2310'. Mix 36 sx Class G cement. Squeeze 24 sx outside casing leaving 12 sx inside casing to cover the Chacra formation top.

**16. Plug 7 (Pictured Cliffs Formation Top 1330'-1180', 12 Sacks Class G Cement)**

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover the Pictured Cliffs formation top.

**17. Plug 8 (Fruitland Formation Top 800'-650', 12 Sacks Class G Cement)**

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover the Fruitland formation top.

**18. Plug 9 (Surface Shoe and Surface 408'-surface, 127 Sacks Class G Cement)**

Attempt to pressure test the Bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 127 sx cement and spot a balanced plug from 408' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 408' and the annulus from the squeeze holes to surface. Shut in well and WOC.

19. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

# Wellbore Diagram

GCU 107

API #: 30-045-08131

San Juan County, New Mexico

**Plug 9**  
408 feet - Surface  
408 feet plug  
127 sacks of Class G Cement

**Plug 8**  
800 feet - 650 feet  
150 feet plug  
12 sacks of Class G Cement

**Plug 7**  
1330 feet - 1180 feet  
150 feet plug  
12 sacks of Class G Cement

**Plug 6**  
2360 feet - 2210 feet  
150 feet plug  
36 sacks of Class G Cement  
24 sacks squeezed

**Plug 5**  
3064 feet - 2781 feet  
283 feet plug  
69 sacks of Class G Cement  
46 sacks squeezed

**Plug 4**  
3800 feet - 3650 feet  
150 feet plug  
36 sacks of Class G Cement  
24 squeezed

**Plug 3**  
4128 feet - 3978 feet  
150 feet plug  
36 sacks of Class G Cement  
24 sacks squeezed

**Plug 2**  
5044 feet - 4894 feet  
150 feet plug  
12 sacks of Class G Cement

**Plug 1**  
5806 feet - 5756 feet  
50 feet plug  
5 sacks of Class G Cement

**Surface Casing**  
8.625" 22.7# @ 345 ft

**Formation**  
Pictured Cliffs - 1280 ft  
Lewis Shale - 1470 ft  
Cliffhouse - 2881 ft  
Menefee - 3014 ft  
Point Lookout - 3750 ft  
Mancos - 4078 ft  
Gallup - 4994 ft  
Greenhorn - 5749 ft  
Graneros - 5818 ft  
Dakota - 5927 ft

**Production Casing**  
4.5" 9.5# @ 6059 ft

