

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

<b>Well Name:</b> GALLEGOS CANYON UNIT	<b>Well Location:</b> T28N / R12W / SEC 19 / NENE / 36.65218 / -108.14682	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 85	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078828A	<b>Unit or CA Name:</b> GCU DK 892000844F	<b>Unit or CA Number:</b> NMNM78391C
<b>US Well Number:</b> 3004513075	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> SIMCOE LLC

**Notice of Intent**

**Sundry ID:** 2703853

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 11/18/2022

**Time Sundry Submitted:** 02:48

**Date proposed operation will begin:** 11/28/2022

**Procedure Description:** In May 2022, Simcoe rigged up on the GCU 085 (3004513075) to attempt to repair a section of bad casing. A subsequent report of that work is attached. Simcoe now proposes to P&A the well in question. A proposed procedure is attached.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

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**Unit or CA Name:** GCU DK 892000844F

**Unit or CA Number:** NMNM78391C

**US Well Number:** 3004513075

**Well Status:** Producing Gas Well

**Operator:** SIMCOE LLC

### Conditions of Approval

#### Additional

28N12W19AKd\_Gallegos\_Canyon\_Unit\_085\_20221129171306.pdf

#### Authorized

General\_Requirement\_PxA\_20221129173118.pdf

2703853\_NOIA\_85\_3004513075\_KR\_11292022\_20221129173059.pdf

### Operator

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a*

**Operator Electronic Signature:** GINA DOERNER

**Signed on:** NOV 18, 2022 02:47 PM

**Name:** SIMCOE LLC

**Title:** Regulatory Analyst

**Street Address:** 1199 MAIN AVENUE SUITE 101

**City:** DURANGO **State:** CO

**Phone:** (970) 852-0082

**Email address:** GINA.DOERNER@IKAVENERGY.COM

### Field

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Approved

**Disposition Date:** 11/29/2022

**Signature:** Kenneth Rennick

GCU 085-DK (3004513075)

990' FNL &amp; 990' FEL; A SEC 19 T28N R12W

SAN JUAN COUNTY, NM

## P&amp;A PROCEDURE

All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat yield or equivalent. If casing pressure tests tagging plugs will not be required.

Prior to Rig:

1. Notify BLM & NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped.
3. See attached COA's from BLM & NMOCD.

Procedure:

1. MIRU well servicing rig and cement equipment.
2. Check casing, tubing, and BH pressures.
3. Removed 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. RU floor and 2-3/8" handling tools.
5. PU, tally and RIH with 2-3/8" WS to existing RBP set @ 232'.
6. Release RBP and TOOH then LD RBP.
7. PU, tally and RIH with 2-3/8" WS to existing RBP set @ 5861'.
8. Release RBP and TOOH then LD RBP.
9. TIH with CR and set above perforations @ 5861'.
10. Pressure test tubing to 500psi. Sting out CR and roll the hole.
11. **Plug #1, 5861' – 5761' (Dakota Perforations: 6005' – 6134')** Mix & pump 30 sxs of class G cement and spot plug on top of CR to cover perforations and Dakota top.
12. LD tubing to 5145'.
13. **Plug #2, 5145' – 5045' (Gallup Top: 5095')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Gallup Top.
14. LD tubing to 4246'.
15. **Plug #3, 4246' – 4146' (Mancos Top: 4196')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Mancos Top.
16. LD tubing to 2420'.
17. **Plug #4, 2420' – 2320' (Mesaverde Top: 2370')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Mesaverde top.
18. LD tubing to 2030'.
19. **Plug #5, 2033' – 1933' (Chacra Top: 1983')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Chacra top.

20. LD tubing to 1478'.
21. **Plug #6, 1478' - 1378' (Pictured Cliffs Top: 1428')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Pictured Cliffs top. PU and reverse circulate tubing clean.
22. LD tubing to 1040'.
23. **Plug #7, 1040' – 940' (Fruitland Top: 990')** Mix & pump 30 sxs of Class G cement and spot balanced plug to cover the Fruitland top.
24. LD tubing to 352'.
25. **Plug #8, 352' – surface (Surface Shoe: 302')** Mix & pump 80 sxs Class G cement and pump down tubing until good cement returns to surface.
26. LD remaining tubing.
27. ND BOP and cut off wellhead below surface casing flange per regulation. Top off w/cement if needed. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

**Current wellbore**

**GALLEGOS CANYON UNIT 085**  
 DK  
 API # 30-045-13075  
 Unit A - Sec. 019 - T028N - R012W  
 990' FNL 990' FEL  
 San Juan, NM

**Formation Tops**

Fruitland	990'
Pictured Cliff	1428'
Lewis	1591'
Chacra	1980'
Cliff House	2370'
Menefee	3040'
Point Lookout	3910'
Mancos	4196'
Gallup	5095'
Greenhorn	5895'
Graneros	5960'
Two Wells	6000'
Paguate	6080'
Cubero	6122'

**Logs**

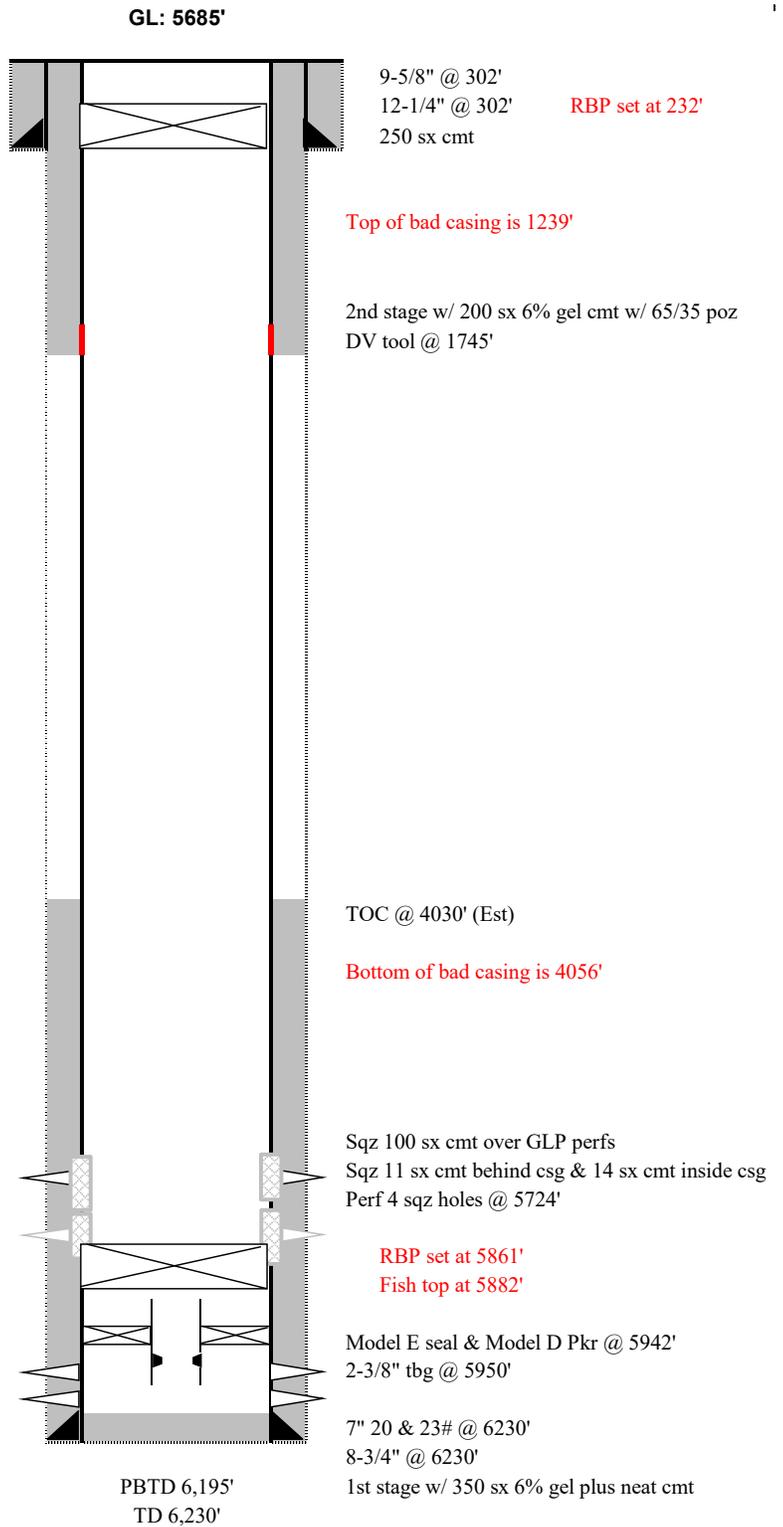
11/29-12/1/59 - SP/ILD f/ 300-6232'

**Gallup Perforation**

5417-29', 5436-52' 4 spf  
 Frac w/ 40,000 gals oil & 60,000# snd  
 2nd Frac w/ 14,000 gals oil & 20,000# snd

**Dakota Perforation**

6092-98', 6130-34' 6 spf  
 Frac w/ 60,000 gals wtr & 50,000# 20/40 mesh  
 & tail w/ 20,000# 10/20 mesh snd  
 6005-15' 4 spf



### Proposed wellbore

**GALLEGOS CANYON UNIT 085**  
 DK  
 API # 30-045-13075  
 Unit A - Sec. 019 - T028N - R012W  
 990' FNL 990' FEL  
 San Juan, NM

GL: 5685'

**Logs**

11/29-12/1/59 - SP/ILD f/ 300-6232'

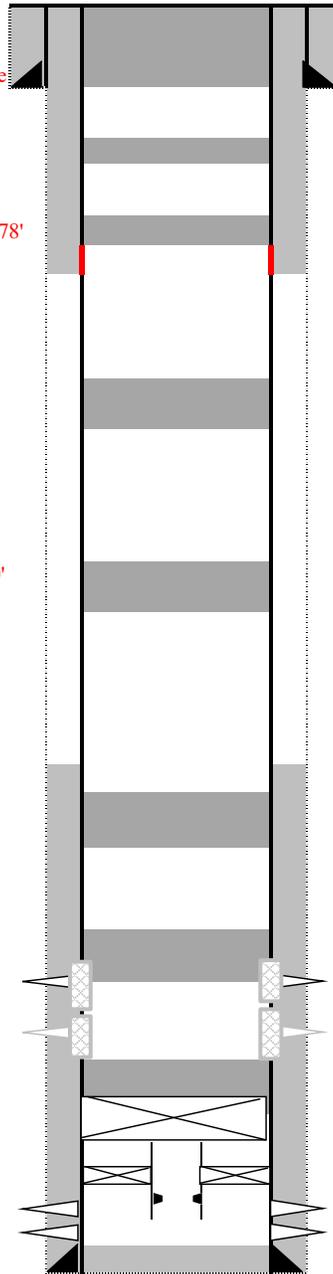
**Gallup Perforation**

5417-29', 5436-52' 4 spf  
 Frac w/ 40,000 gals oil & 60,000# snd  
 2nd Frac w/ 14,000 gals oil & 20,000# snd

**Dakota Perforation**

6092-98', 6130-34' 6 spf  
 Frac w/ 60,000 gals wtr & 50,000# 20/40 mesh  
 & tail w/ 20,000# 10/20 mesh snd  
 6005-15' 4 spf

Surface plug 352'-surface  
 Fruitland plug 940'-1040'  
 Pictured Cliffs plug 1378'-1478'  
 Chacra plug 1933'-2033'  
 Mesaverde plug 2320'-2420'  
 Mancos Plug 4146'-4246'  
 Gallup Plug 5045'-5145'  
 Dakota Plug 5761'-5861'



9-5/8" @ 302'  
 12-1/4" @ 302'  
 250 sx cmt

Top of bad casing is 1239'  
 2nd stage w/ 200 sx 6% gel cmt w/ 65/35 poz  
 DV tool @ 1745'

TOC @ 4030' (Est)  
 Bottom of bad casing is 4056'

Sqz 100 sx cmt over GLP perms  
 Sqz 11 sx cmt behind csg & 14 sx cmt inside csg  
 Perf 4 sqz holes @ 5724'

CR set at 5861'  
 Fish top at 5882'

Model E seal & Model D Pkr @ 5942'  
 2-3/8" tbg @ 5950'

7" 20 & 23# @ 6230'  
 8-3/4" @ 6230'  
 1st stage w/ 350 sx 6% gel plus neat cmt

PBTD 6,195'  
 TD 6,230'

**BLM FLUID MINERALS  
P&A Geologic Report**

**Date Completed:** 11/29/2022

Well No. Gallegos Canyon Unit #085 (API# 30-045-13075)	Location	990	FNL	&	990	FEL
Lease No. NMSF078828A	Sec. 19	T28N			R12W	
Operator Simcoe, LLC	County	San Juan		State	New Mexico	
Total Depth 6230'	PBTD 6195'	Formation Dakota				
Elevation (GL)		Elevation (KB) 5696'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose					
Nacimiento					
Ojo Alamo Ss					
Kirtland Shale			Surface	990	Possible Gas/isolated water sands
Fruitland			990	1428	Coal/Gas/Water
Pictured Cliffs Ss			1428	1591	Probable Gas
Lewis Shale			1591	1980	
Chacra			1980	3008	Possible gas
Cliff House Ss			3008	3040	Possible gas
Menefee			3040	3910	Possible gas
Point Lookout Ss			3910	4196	Possible gas
Mancos Shale			4196	5095	Probable Gas
Gallup			5095	5895	Probable Gas
Greenhorn			5895	5960	
Graneros Shale			5960	6000	
Dakota Ss			6000	PBTD	Oil & Gas
Morrison					

Remarks:

P &amp; A

- Adjust Plug #4 (Mesaverde) to cover BLM formation top pick for the Cliff House/Mesaverde at 3008'.

- Plugs #2 and #3 may need to be changed to inside/outside plugs based on CBL.

- Dakota perfs 6005' – 6134'.

- Gallup perfs (squeezed) 5417' – 5452'.

Reference Well:

1) **Formation Tops**  
Same

Prepared by: Chris Wenman

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2703853

Attachment to notice of Intention to Abandon

Well: Gallegos Canyon Unit 85

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modifications to your plugging program are to be made:
  - a. Adjust Plug #4 (Mesaverde) to cover BLM formation top pick for the Cliff House/ Mesaverde at 3008'
  - b. Plugs #2 and #3 may need to be changed to inside/ outside plugs based on CBL.
3. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 11/29/2022

**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
  - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
  - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
  - 4.3 Surface plugs may be no less than 50' in length.
  - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
  - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
  - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

(October 2012 Revision)

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 183900

**CONDITIONS**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 183900
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	2/8/2023
kpickford	Adhere to BLM approved COAs and plugs. See BLM COAs and GEO report.	2/8/2023
kpickford	CBL must be submitted through proper log application in OCDpermitting.	2/8/2023