U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Reports
05/21/2024

Well Name: GALLEGOS CANYON

**UNIT** 

Well Location: T28N / R12W / SEC 32 /

NENE / 36.62322 / -108.12875

County or Parish/State: SAN

JUAN / NM

Well Number: 41

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Unit or CA Name: GCU PC 89200844E,

GCUFRCL SANDS 892000844L

Unit or CA Number: NMNM78391A, NMNM78391M

**US Well Number:** 3004507074

Lease Number: NMSF079346A

**Operator: SIMCOE LLC** 

#### **Notice of Intent**

**Sundry ID: 2790391** 

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/14/2024

Date proposed operation will begin: 06/14/2024

Type of Action: Plug and Abandonment

**Time Sundry Submitted: 07:50** 

# Procedure Description:

#### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

## **NOI Attachments**

#### **Procedure Description**

GCU\_41\_\_P\_A\_WBD\_20240514195016.pdf

GCU\_41\_\_P\_A\_procedure\_20240514195007.pdf

GCU\_41\_\_Current\_P\_A\_WBD\_20240514194947.pdf

GCU\_041\_Reclamation\_scope\_of\_work\_\_3\_\_20240514194925.pdf

GCU\_041\_P\_A\_Field\_Inspection\_Form\_2018\_\_2\_\_20240514194854.pdf

Gallegos\_Canyon\_Unit\_041\_API\_30\_20240514194842.pdf

Gallegos\_Canyon\_Unit\_041\_API\_30\_20240514194828.pdf

eived by OCD: 5/21/2024 2:36:46 PM Well Name: GALLEGOS CANYON

UNIT

Well Location: T28N / R12W / SEC 32 /

County or Parish/State: Page 2 of 1

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**Unit or CA Number:** 

NMNM78391A, NMNM78391M

**US Well Number: 3004507074 Operator: SIMCOE LLC** 

## **Conditions of Approval**

#### **Specialist Review**

General\_Requirement\_PxA\_20240516084632.pdf

GCU\_41\_Geo\_KR\_20240516084610.pdf

2790391\_NOIA\_41\_3004507074\_KR\_05162024\_20240516084610.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: CHRISTY KOST** Signed on: MAY 14, 2024 07:50 PM

Name: SIMCOE LLC Title: Permitting Agent

Street Address: 1199 MAIN AVE STE 101

City: DURANGO State: CO

Phone: (719) 251-7733

Email address: CHRISTY.KOST@IKAVENERGY.COM

State:

#### **Field**

**Representative Name:** 

**Street Address:** 

City:

Phone:

**Email address:** 

### **BLM Point of Contact**

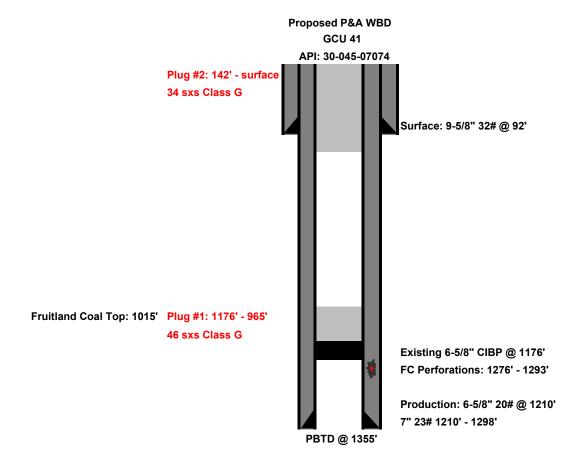
Signature: Kenneth Rennick

**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: 05/16/2024

Zip:



#### SIMCOE Plug & Abandon Procedure

Well: **GCU 41** 

API: 30-045-07074 990' FNL & 990' FEL Location: Field: Fruitland Coal **Elevation:** GL: 5649' Sec,T, R: Sec 32 28N-12W

Cnty/State: San Juan, New Mexico 36.623220, -108.128750 Lat/Long:

#### Objective:

Permanently plug & abandon the well from 1355' containing 2 cement plugs.

#### Note:

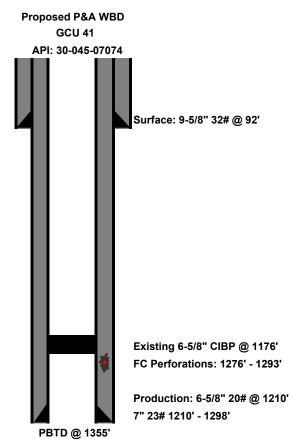
All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat yield or equivalent. If casing pressure tests tagging plugs will not be required.

#### Prior to Rig:

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

#### 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. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
- 6. RU WL and run CBL from 1176' to surface.
- 7. PU and tally work string and RIH open ended to existing CIBP set @ 1176'.
- 8. Plug #1, 1176' 965' (Perforations: 1276' 1293' Fruitland Coal Top: 1015') Mix & pump 46 sxs of class G cement and spot a plug on top of CIBP to cover perforations, and FC top. PU and reverse circulate tubing clean.
- 9. LD tubing to 142'.
- 10. Plug #2, 142' surface (Surface Shoe 92') Mix & pump 34 sxs of Class G cement and pump down tubing and back casing until good cement returns to surface.
- 11. NP BOP, 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 and MOL. Restore location per BLM stipulations.



Fruitland Coal Top: 1015'

Page | 1

Well name and no: GCU 041 API No. 30-045-07074

Plugging & Abandonment Surface Reclamation Plan

Operator:	SIMCOE	Location:	Sec. 32, Twn: 28N, Range 12W
Well name & No:	GCU 041	County, State:	San Juan County, NM
API No:	30-045-07074	Revision:	0
Surface:	Navajo/NAPI		
Date:	02/07/2018		

This document outlines the final reclamation plan for the GALLEGOS CANYON UNIT 041 well site, API 30-045-07074, based on the BLM/BP/BIA/NAPI on-site inspection conducted on 02/07/2018 and in accordance with Onshore Order No. 1 and the FFO Bare Soil Reclamation Procedures C (dated 2/2013).

#### PROPOSED VEGETATION RECLAMATION PLAN

#### General Notes:

The only dirt work required on this location is to smooth out the soils to grade for future crop production. This soil will be smoothed out to blend in with the surrounding contour of the crop circle.

- SIMCOE will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- SIMCOE will notify the BLM and NAPI forty-eight (48) hours prior to commencing earthwork.
- SIMCOE will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application. Seeding not required due to location being in a crop circle
- All underground production piping on the well site will be removed
- SIMCOE power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the GALLEGOS CANYON UNIT 041 identified during site visit.
- All rig anchors found on location will be removed.
- Disturbance will be limited to the well site, pipeline right of way to edge of slope crest and edge of well pad and access road boundaries.
- All surface equipment identified on location at time of P&A will be removed from location.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations. The well is in a crop circle and therefore the P&A marker will be placed 6 feet below grade.
- A ball marker will be dropped and GPS'd on the below grade marker.

#### Well Site Reclamation:

(Note: some steps may occur in a different sequence than listed below)

• For future reference, pre-construction conditions are documented in the attached Inspection Form and shown in the included photos.

Well name and no: GCU 041 API No. 30-045-07074

- BMP's will not be required as this location and all disturbance is within a crop circle and will return to NAPI agricultural production.
- The wellhead and all equipment are all located within the crop circle and will be removed.
- Gravel on the well site surface will be removed from location and per NAPI personnel during onsite this gravel can be placed on the crop circle road to aid in traction on the NAPI owned road.
- This location and surrounding area are in a crop circle and will be re-contoured to blend in with the surrounding area. The area within the crop circle where the wellhead and meter run are located will be graded to match the terrain of the current crop circle.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Disturbed areas will be prepared for seeding. NAPI will plant crops in the inside of the crop circle.

#### Access Road Reclamation:

The road into this location will have gravel remove to the extent practical and the road will be levelled to adjacent terrain.

### Re-vegetation:

NAPI will plant the location as this sits in the crop circle. All disturbed areas are located in the crop circle and will be returned to NAPI for agricultural production.

Species of seed	Pound/Acre (PLS)
Total	

#### Weed Management:

No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by NAPI

Page | 3

Well name and no: GCU 041 API No. 30-045-07074

#### Attachments:

- Reference photos of location taken on February 7, 2018.
- P&A Field Inspection Sheet performed on February 7, 2018.
- Aerial of location.



Page **| 4** 

Well name and no: GCU 041 API No. 30-045-07074



#### **P&A Field Inspection Sheet**

Date:2/7/2018		Specialist Sabre Beebe, BP: Randy McKee, BLM Al
		Nakia, NAPI Jerome Serrano, Enterprise
Operator: BP America		Well Name & Number: GCU 041
API Number:30-045-07074		Section:32 Township:28N Range:12W
Lease Number:NMSF079346A		Footage:990 FNL 990 FEL
		County: San Juan State: New Mexico
Surface:	NAPI	Twinned: No

#### Well Pad

Topography: Crop Circle - Flat	Stockpile Topsoil	No		
Soil Type:Sandy				
Vegetation Community: Crop Circle – Currently grazed corn crop				
1				
2				
3				
4				
5				
6				
7				
8				
9				

Vegetation Cages: No Facilities on Location:

1 Tanks

- 1 Meter Runs Meter Tube size 4 inch
- 0 Separators
- 0 Compressor
- 1 Day Tanks
- 2 Pipeline riser belonging to: Enterprise
- 1 RTU
- 1 Solar Panel
- 2 Batteries
- 0 Drip(s)

Yes Lift Equipment type: Pump Jack SN 107468

Gravel Present: Yes Bury No Place Gravel on Main Road: Yes Steel Pits: Above Grade: Where on Location: Western edge of tear drop

Cathodic Ground bed on location: No

In Service: N/A
Abandoned: N/A
Plugged: No
Remove Wire N/A
Remove Rectifier N/A

Trash on location: No Power Poles: No

Remove Power Poles: N/A

Construction Diversion Ditch: Not Applicable

Click here to enter text. Side draining Click here to enter text.	Contaminated Soil: No	
Click here to enter text. Side draining Click here to enter text.	Remove:   Yes, where on location: Click here to enter	
	text.	

Construction Silt Trap(s):N/A

Re-Contour Disturbed Areas to Natural Terrain: Yes

Special Features: Location is in a crop circle and therefore the soils will be levelled with surrounding surface to accommodate future crop production.

Location & Access Barricade: No / How:

Construction Comments / Concern: Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. During onsite NAPI and BLM requested that the 2 risers on pad be capped below grade and removed from surface. The dog leg to the southeast will need to be addressed through agreement between NAPI, BIA and Enterprise to decide if this can remain above grade or needs removal.

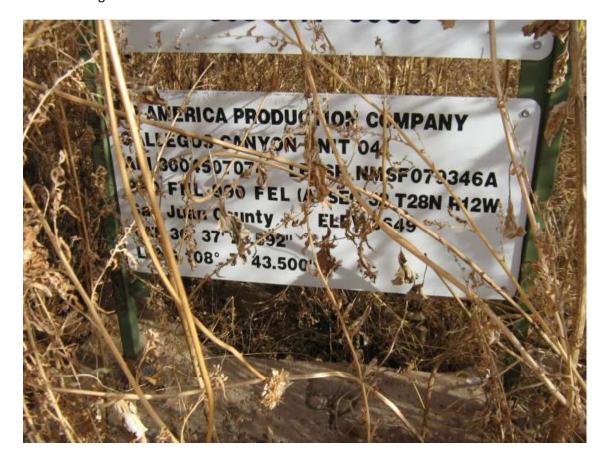
P&A marker will need to be place 6 feet below grade per NAPI requirements for crop production.

Access Road				
Access Length:>0.5 miles Remediation Methods: ⊠Rip ⊠DiskWater Bars □Re-establish Drainages				
Other:				
Access Condition: At Grade				
Culverts: N/A				
Cattle Guard: N/A				
Reconstruct Fence: N/A				
Surface Material: No				
What to do with Material	All gravel and non-native materials will be removed from location. Gravel will be			
	spread on crop circle road.			
Road Comments/Concerns	Click here to enter text.			

Noxious weeds identified at time of on site? No, if yes list noxious weeds found

## Gallegos Canyon Unit 041 API 30-045-07074 Pre-P&A photos

Well Head Sign



### Access Road from well head back to main road



## Access road from well head to well equipment



Pump Jack and Day tank at well head



## Day Tank



## Pump Jack Serial# 107468





Photo of pit tank – above grade LPT with metal containment ring Serial #30697-72 (95 BBL)





## Piping to Meter Run



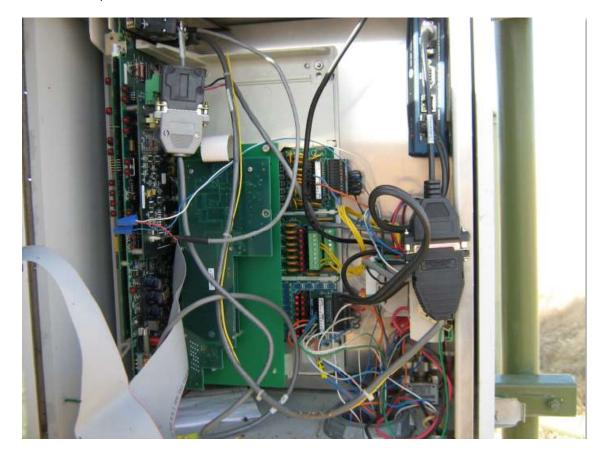
### Meter House with 4 inch meter run #97883



Meter Run with RTU, Solar Panel and Batteries



## RTU internal parts



## Meter tube air gapped



## Enterprise riser



### Meter with heater



Enterprise riser further into crop circle

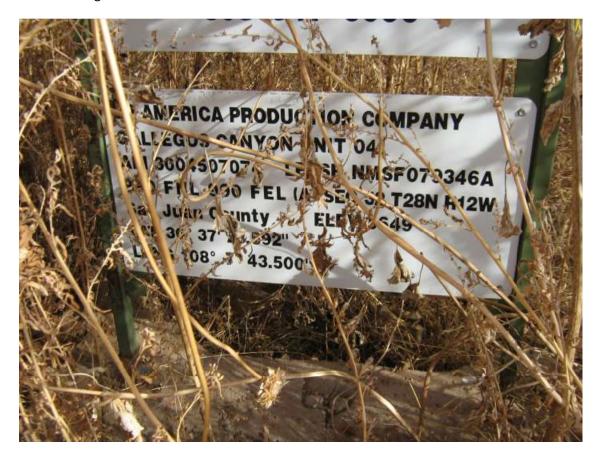






## Gallegos Canyon Unit 041 API 30-045-07074 Pre-P&A photos

### Well Head Sign



### Access Road from well head back to main road



## Access road from well head to well equipment



Pump Jack and Day tank at well head



## Day Tank



## Pump Jack Serial# 107468





Photo of pit tank – above grade LPT with metal containment ring Serial #30697-72 (95 BBL)





# Piping to Meter Run



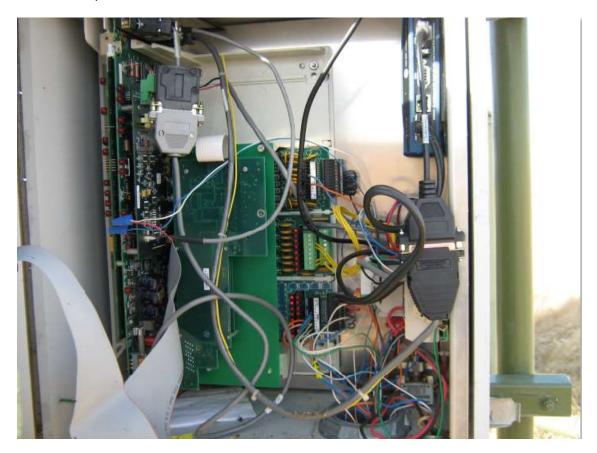
## Meter House with 4 inch meter run #97883



Meter Run with RTU, Solar Panel and Batteries



# RTU internal parts



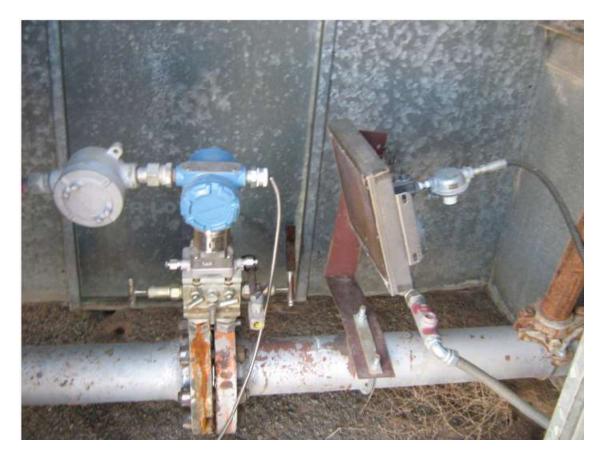
# Meter tube air gapped



# Enterprise riser



## Meter with heater



Enterprise riser further into crop circle







# 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 <u>minimum general</u> 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.

2

- 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  $H_2S$ .
- 8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) 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.

#### **BLM - FFO - Geologic Report**

Date Completed 5/15/2024

Well No. Gallegos Canyon Unit 41 Surf. Loc. 990 FNL 990 FEL

US Well No. 30-045-07074 Sec. 32 T. 28N R. 12W

Lease No. NMSF079346A

Agrmt # NMNM78391A, NMNM78391M County San Juan State New Mexico
Operator SIMCOE LLC Formation Basin Fruitland Coal, Kutz Pictured Cliffs West

TVD 1367 PBTD 1295 Elevation KB NA

Elevation GL 5649

Geologic Formations Est. tops Remarks

Kirtland Fm. 136

Fruitland Fm. 1015 Coal/gas/possible water

Pictured Cliffs 1292 Gas/water

#### Reference Well:

A 2017 plugging procedure has already been approved for this well when the operator was BP American Production Company. The 2017 review and reference well supports there is a Kirtland formation top below the surface casing. Set the bottom of plug 2 at 186 ft to account for the Kirtland formation top by the BLM at 136 ft. Work will be required to be completed by December 1, 2024.

Gallegos Canyon Unit 272 US Well No. 30-045-22240 Sec 33 T. 28N R. 12W San Juan County, New Mexico

Prepared by: Kenneth Rennick

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

AFMSS 2 Sundry ID 2790391

Attachment to notice of Intention to Abandon

Well: Gallegos Canyon Unit 41

#### **CONDITIONS OF APPROVAL**

- 1. Plugging work must be completed by December 1, 2024.
- Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 3. The following modifications to your plugging program are to be made:
  - a. Set the bottom of plug 2 at 186 ft to account for the Kirtland formation top by the BLM at 136 ft.
- 4. 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 05/16/2024

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1625 N. French Dr., Hob District II – (575) 748-12					30-045-				
811 S. First St., Artesia, I	NM 88210	OIL CONSERVATION DIVISION 5 I				ndicate Type of Lease			
<u>District III</u> – (505) 334-6 1000 Rio Brazos Rd., Az		12	220 South S			ST	STATE FEE		
<u>District IV</u> – (505) 476-3	460		Santa Fe,	NM 875	05	6. State C	Oil & Gas Lease	No.	
1220 S. St. Francis Dr., S 87505	anta Fe, NM					NMSF079346A			
SI (DO NOT USE THIS FO DIFFERENT RESERVO		SALS TO DRILL	OR TO DEEPE	N OR PLUC		7. Lease GCU	Name or Unit A	greement N	Vame
PROPOSALS.) 1. Type of Well: O	il Well	Gas Well 🔽	Other			8. Well N	Number 41		
2. Name of Operator SIMCOE LLC		Gas Wen V	Other			9. OGRI	D Number		
3. Address of Opera 1199 Main Ave, Suit		o, CO 81301				10. Pool Fruitland	name or Wildca	ıt	
4. Well Location	_	000				000			
Unit Letter	:_	fee	t from the	North	line and _		feet from the _		line
Section	32			8N Ran			San Juan <sub>Coun</sub>	ty	
			*	ther DR, I	RKB, RT, GR, e	etc.)			
		5,649', GL							
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PULL OR ALTER CA		MULTIPLE C	COMPL		CASING/CEM	ENT JOB			
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CLOSED-LOOP SY: OTHER:	STEM			$\neg$	OTHER:				
13. Describe pro of starting ar	oposed or compl ny proposed wo mpletion or reco	rk). SEE RUL		tate all pe	rtinent details,				
SIMCOE LLC requ	upete to D&A the	e subject well	Place see t	he attache	ad D&A proced	ure and wellbo	re diagram		
SINICOE LLC requ	Jesis to Paa the	a subject well.	Please see i	ne allache	ea P&A proced	ure and wellbo	re diagram.		
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GNATURE	Christy	Kost	TITLE	Ε	Regulatory A	nalyst	DATE_ <sup>5/1</sup>	14/2024	
ype or print name _ or State Use Only	Christy K	ost	E-mai	l address:	christy.kost@	ikavenergy.co	m PHONE: _	970-822-89	931
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PPROVED BY: onditions of Approv	 val (if anv):		TITLE				DATE		
THE CITY OF TABLE	ui (ii aiiy ).								

#### SIMCOE Plug & Abandon Procedure

Well: **GCU 41** 

API: 30-045-07074 990' FNL & 990' FEL Location: Field: Fruitland Coal Elevation: Sec,T, R: Sec 32 28N-12W GL: 5649'

Cnty/State: San Juan, New Mexico 36.623220, -108.128750 Lat/Long:

#### Objective:

Permanently plug & abandon the well from 1355' containing 2 cement plugs.

#### Note:

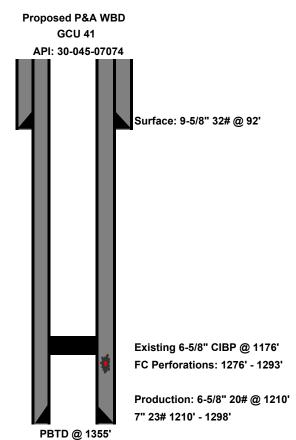
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#### Prior to Rig:

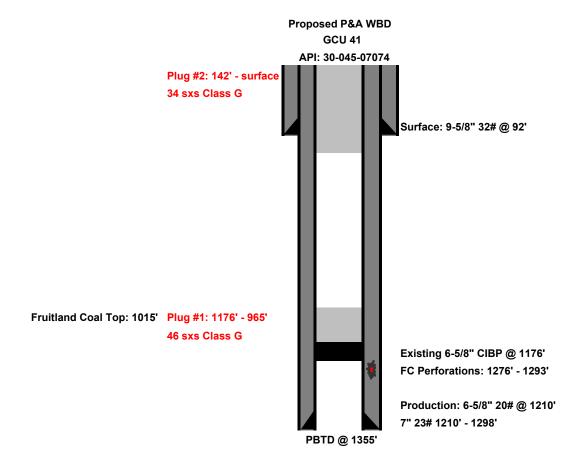
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- 4. ND wellhead and NU BOP. Function test BOP. RU floor and 2-3/8" handling tools.
- 5. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
- 6. RU WL and run CBL from 1176' to surface.
- 7. PU and tally work string and RIH open ended to existing CIBP set @ 1176'.
- 8. Plug #1, 1176' 965' (Perforations: 1276' 1293' Fruitland Coal Top: 1015') Mix & pump 46 sxs of class G cement and spot a plug on top of CIBP to cover perforations, and FC top. PU and reverse circulate tubing clean.
- 9. LD tubing to 142'.
- 10. Plug #2, 142' surface (Surface Shoe 92') Mix & pump 34 sxs of Class G cement and pump down tubing and back casing until good cement returns to surface.
- 11. NP BOP, 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 and MOL. Restore location per BLM stipulations.



Fruitland Coal Top: 1015'



# State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Standard Plugging Conditions



This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

- 1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
  - North Contact, Monica Kuehling, 505-320-0243, monica.kuehling@emnrd.nm.gov
  - South Contact, Gilbert Cordero, 575-626-0830, gilbert.cordero@emnrd.nm.gov
- A Cement Bond Log is required to ensure strata isolation of producing formations, protection of
  water and correlative rights. A CBL must be run or be on file that can be used to properly
  evaluate the cement behind the casing.

Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

- 3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.
- 4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
  - North, water or mud laden fluids
  - South, mud laden fluids
- 6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.
- 7. Class of cement shall be used in accordance with the below table for depth allowed.

Class	TVD Lower Limit (feet)			
Class A/B	6,000			
Class I/II	6,000			
Class C or III	6,000			
Class G and H	8,000			
Class D	10,000			

Class E	14,000		
Class F	16,000		

- 8. After cutting the well head any "top off cement jobs" must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.
- 9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD C-133 permit.
  - A copy of this permit shall be available in each truck used to haul waste products.
  - It is the responsibility of the Operator and Contractor to verify that this permit is in place prior to performing work.
  - Drivers shall be able to produce a copy upon request of an OCD Compliance Officer.
- 10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.
- 11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.
- 12. Produced water or brine-based fluids may not be used during any part of plugging operations without prior OCD approval.

#### 13. Cementing;

- All cement plugs will be neat cement and a minimum of 100' in length. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50' below the formation top and the cement retainer shall be set no more than 50' from the perforations.
- WOC (Wait on Cement) time will be:
  - 4 hours for accelerated (calcium chloride) cement.
  - o 6 hours on regular cement.
- Operator must tag all cement plugs unless it meets the below condition.
  - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
- If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
  - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
- Cement can only be bull-headed with specific prior approval.
- Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.
- 14. A cement plug is required to be set from 50' below to 50' above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
  - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than

50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are
  not straddling a formation top, may be set using a bailer with a minimum of 35' of
  cement in lieu of the 100' plug. The bridge plug or retainer must be set within 50ft of the
  perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind
  the casing, a 30-minute minimum wait time will be required immediately after
  perforating 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. If gas is
  detected contact the OCD office for directions.
- 15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.
- 16. Formation Tops to be isolated with cement plugs, but not limited to are:
  - Northwest See Figure A
  - South (Artesia) See Figure B
  - Potash See Figure C
    - o In the R-111-P (Or as subsequently revised) Area a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
  - South (Hobbs) See Figure D1 and D2
  - Areas not provided above will need to be reviewed with the OCD on a case by case basis.

#### 17. Markers

• Dry hole marker requirements 19.15.25.10.

The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:

- 1. Operator name
- 2. Lease name and well number
- 3. API number
- 4. Unit letter
- 5. Section, Township and Range
- AGRICULTURE (Below grade markers)

In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;

- A) Aerial photo showing the agricultural area
- B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: A below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.

Figure A

#### North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

#### South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware, in certain areas where the Delaware is subdivided into;
  - 1. Bell Canyon
  - 2. Cherry Canyon
  - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

#### Figure C

#### Potash Area R-111-P

T 18S - R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All

except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S - R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23.

Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S - R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P.

Sec 7 - Sec

10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec

24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32

Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S - R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O.P.

T 20S - R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec

23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit

A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.

Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S - R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.

Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S - R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec

23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S - R 30E

Sec 1 - Sec 36

T 21S - R 31E

Sec 1 – Sec 36

T 22S - R 28E

Sec 36 Unit A,H,I,P.

T 22S - R 29E

Sec 1. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit

A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S - R 30E

Sec 1 – Sec 36

T 22S - R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25

Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S - R 28E

Sec 1 Unit A

T 23S - R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit

A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33

Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S - R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit

A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec

33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S - R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit

I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec

34. Sec 35 Unit C,D,E.

T 24S - R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S - R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.

Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

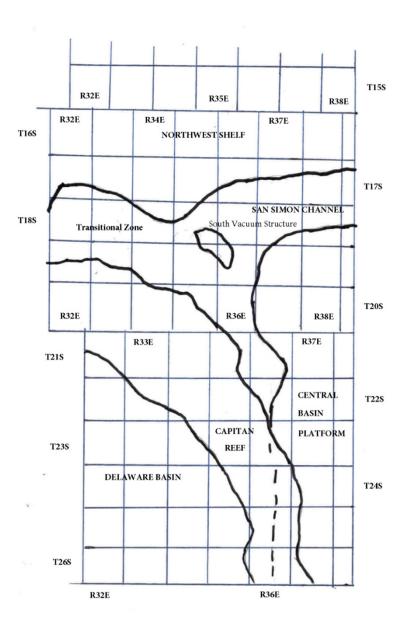


Figure D1 Map

# Figure D2 Formation Table

100' Plug to isolate upper and lower fresh water zones (typically 250' to 350')							
Northwest Shelf	Captan Reef Area	Transition Zone	San Simon Channel	South Vacuum Structure	Delaware Basin	Central Basin Platform	
Granit Wash (Detrital						Granit Wash (Detrital	
basement material and						basement material,	
fractured pre-Cambrian	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	fractured pre-Cambrian	
· '						basement rock and fracture	
basement rock)						Mafic Volcanic intrusives).	
Montoya	Mississippian	Atoka	Morrow	Mokee	Morrow	Ellenburger	
Fusselman	Morrow	Strawn	Wolfcamp	Siluro-Devonian	Atoka	Connell	
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell	
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	Mckee	
Chester	Pennsylvanian	Wolfcamp	Delaware	Barnett Shale	Lower Wolfcamp	Simpson Group	
Austin	Wolfcamp	Bone Spring	San Andres	Morrow	Upper Wolfcamp	Montoya	
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	Wolfcamp	Fusselman	
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand	Silurian	
		-		+	(Top of Wolfbone)		
Atoka	Queen, if present	Grayburg-San Andres	Base of Salt	Canyon	First Bone Spring Sand (Top of Lower Bone Spring)	Devonian	
Lower Pennsylvanian	Bone Spring	Queen	Rustler	Pennsylvanian	Bone Spring	Strawn	
Cisco-Canyon	Delaware Delaware	Seven Rivers	T IOSACT	Blinebry	Brushy Canyon	Pennsulvanian	
Pennsylvanian	Base Capitan Reef	Yates		Bone Spring	Delaware (Base of Salt)	Wolfcamp	
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo	
Wolfcamp	Yates	Rustler		Queen	T Total City	Abo Reef	
Abo	Top Capitan Reef	11023121		Base of Salt		Drinkard	
Abo Reef, if present	Base of Salt			Rustler		Tubb	
Yeso (Township 15 South to				1 1111111111			
Township 17 South)	Rustler					Blinebry	
Drinkard or Lower Yeso							
(Township 15 South to						Paddock	
Township 17 South)							
Tubb (Township 15 South to						Glorieta	
Township 17 South)						Giorieta	
Blinebry (Township 15 South						San Andres	
to Township 17 South)						SarrAndres	
Paddock (Township 15						Grayburg	
South to Township 17 South)		-		+	<u> </u>	6 1 6 4 1	
Glorieta		-		+	<b>+</b>	Grayburg-San Andres	
San Andres		-		+	<u> </u>	Queen	
Queen (Township 15 South						Seven Rivers	
to Township 17 South) Seven Rivers (Township 15				+	1		
South to Township 17 South)						Yates	
Yates (Township 15 South to							
Township 17 South)						Base of Salt	
Base of Salt						Rustler	
Rustler							

U.S. Department of the Interior **BUREAU OF LAND MANAGEMENT**  Sundry Print Repo 05/21/2024

Well Name: GALLEGOS CANYON Well Location: T28N / R12W / SEC 32 / **UNIT** 

NENE / 36.62322 / -108.12875

County or Parish/State: SAN

JUAN / NM

Well Number: 41 Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Lease Number: NMSF079346A Unit or CA Name: GCU PC 89200844E, **Unit or CA Number:** 

GCUFRCL SANDS 892000844L

NMNM78391A, NMNM78391M

**US Well Number: 3004507074 Operator: SIMCOE LLC** 

#### **Notice of Intent**

**Sundry ID: 2790391** 

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/14/2024

Date proposed operation will begin: 06/14/2024

**Procedure Description:** 

Type of Action: Plug and Abandonment

**Time Sundry Submitted: 07:50** 

#### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

# **NOI Attachments**

#### **Procedure Description**

GCU\_41\_\_P\_A\_WBD\_20240514195016.pdf

GCU\_41\_\_P\_A\_procedure\_20240514195007.pdf

GCU\_41\_\_Current\_P\_A\_WBD\_20240514194947.pdf

GCU\_041\_Reclamation\_scope\_of\_work\_\_3\_\_20240514194925.pdf

GCU\_041\_P\_A\_Field\_Inspection\_Form\_2018\_\_2\_\_20240514194854.pdf

Gallegos\_Canyon\_Unit\_041\_API\_30\_20240514194842.pdf

Gallegos\_Canyon\_Unit\_041\_API\_30\_20240514194828.pdf

eived by OCD: 5/21/2024 2:36:46 PM Well Name: GALLEGOS CANYON

UNIT

Well Location: T28N / R12W / SEC 32 / NENE / 36.62322 / -108.12875

County or Parish/State: SAN of

JUAN / NM

Well Number: 41

Type of Well: CONVENTIONAL GAS

**Allottee or Tribe Name:** 

Lease Number: NMSF079346A

Unit or CA Name: GCU PC 89200844E,

GCUFRCL SANDS 892000844L

**Unit or CA Number:** NMNM78391A, NMNM78391M

**US Well Number: 3004507074** 

**Operator: SIMCOE LLC** 

# **Conditions of Approval**

#### **Specialist Review**

General\_Requirement\_PxA\_20240516084632.pdf

GCU\_41\_Geo\_KR\_20240516084610.pdf

2790391\_NOIA\_41\_3004507074\_KR\_05162024\_20240516084610.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: CHRISTY KOST** Signed on: MAY 14, 2024 07:50 PM

Name: SIMCOE LLC Title: Permitting Agent

Street Address: 1199 MAIN AVE STE 101

City: DURANGO State: CO

Phone: (719) 251-7733

Email address: CHRISTY.KOST@IKAVENERGY.COM

#### **Field**

**Representative Name:** 

**Street Address:** 

City: State:

Phone:

**Email address:** 

### **BLM Point of Contact**

Signature: Kenneth Rennick

**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: 05/16/2024

Zip:

Form 3160-5 (June 2019)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 202
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	5.	Lease	Serial	No
--	----	-------	--------	----

BURI	EAU OF LAND MANAGEMENT		3. Lease Seriai 140.			
Do not use this f	OTICES AND REPORTS ON Worm for proposals to drill or to Jse Form 3160-3 (APD) for suc	6. If Indian, Allottee or Tribe Name				
abandoned wen.	DSE I OIIII 0100-3 (AI D) IOI 300	T ICIL : COA/A				
	TRIPLICATE - Other instructions on page	e 2	7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well  Oil Well  Gas W	Vell Other		8. Well Name and No.	8. Well Name and No.		
2. Name of Operator			9. API Well No.			
3a. Address	3b. Phone No.	(include area code)	10. Field and Pool or I	Exploratory Area		
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)		11. Country or Parish,	State		
12. CHE	CK THE APPROPRIATE BOX(ES) TO IND	DICATE NATURE OF NO	TICE, REPORT OR OTH	IER DATA		
TYPE OF SUBMISSION		TYPE OF A	CTION			
Notice of Intent	Acidize Deep	en Pro	oduction (Start/Resume)	Water Shut-Off		
	Alter Casing Hydra	aulic Fracturing Re	clamation	Well Integrity		
Subsequent Report			complete	Other		
Final Abandonment Notice	Change Plans Plug :  Convert to Injection Plug :		mporarily Abandon ater Disposal			
the proposal is to deepen directiona the Bond under which the work will completion of the involved operation	peration: Clearly state all pertinent details, in ally or recomplete horizontally, give subsurfal be perfonned or provide the Bond No. on fins. If the operation results in a multiple comices must be filed only after all requirements	ce locations and measured the with BLM/BIA. Require expletion or recompletion in	and true vertical depths of ed subsequent reports must a new interval, a Form 3	f all pertinent markers and zones. Attach st be filed within 30 days following 160-4 must be filed once testing has been		
4. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)					
		Title				
Signature	Date					
	THE SPACE FOR FEDE	ERAL OR STATE O	FICE USE			
Approved by						
approvou oy		Title		Date		
Conditions of approval, if any, are attach certify that the applicant holds legal or e which would entitle the applicant to con	or					
	B U.S.C Section 1212, make it a crime for an		illfully to make to any de	partment or agency of the United States		

(Instructions on page 2)

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### **NOTICES**

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

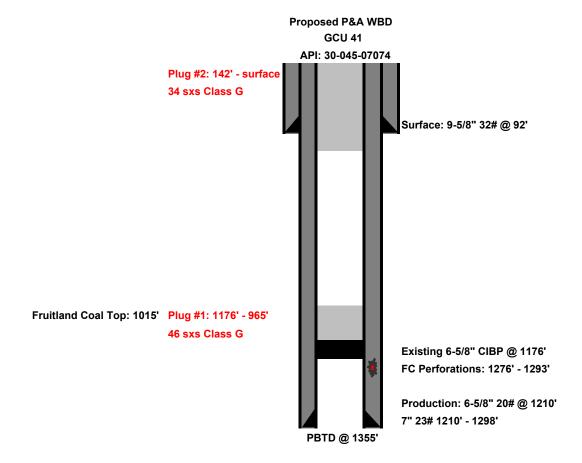
**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

#### **Additional Information**

#### **Location of Well**

 $0. \ SHL: \ NENE \ / \ 990 \ FNL \ / \ 990 \ FEL \ / \ TWSP: \ 28N \ / \ RANGE: \ 12W \ / \ SECTION: \ 32 \ / \ LAT: \ 36.62322 \ / \ LONG: \ -108.12875 \ ( \ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$   $BHL: \ NENE \ / \ 990 \ FNL \ / \ 990 \ FEL \ / \ TWSP: \ 28N \ / \ SECTION: \ / \ LAT: \ 36.62322 \ / \ LONG: \ 108.12875 \ ( \ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$ 



## SIMCOE Plug & Abandon Procedure

Well: **GCU 41** 

API: 30-045-07074 990' FNL & 990' FEL Location: Field: Fruitland Coal **Elevation:** GL: 5649' Sec,T, R: Sec 32 28N-12W

Cnty/State: San Juan, New Mexico 36.623220, -108.128750 Lat/Long:

### Objective:

Permanently plug & abandon the well from 1355' containing 2 cement plugs.

### Note:

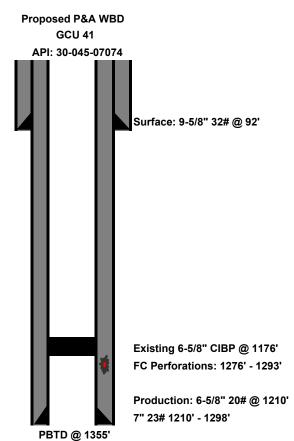
All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat yield or equivalent. If casing pressure tests tagging plugs will not be required.

### Prior to Rig:

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

### 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. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
- 6. RU WL and run CBL from 1176' to surface.
- 7. PU and tally work string and RIH open ended to existing CIBP set @ 1176'.
- 8. Plug #1, 1176' 965' (Perforations: 1276' 1293' Fruitland Coal Top: 1015') Mix & pump 46 sxs of class G cement and spot a plug on top of CIBP to cover perforations, and FC top. PU and reverse circulate tubing clean.
- 9. LD tubing to 142'.
- 10. Plug #2, 142' surface (Surface Shoe 92') Mix & pump 34 sxs of Class G cement and pump down tubing and back casing until good cement returns to surface.
- 11. NP BOP, 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 and MOL. Restore location per BLM stipulations.



Fruitland Coal Top: 1015'

Well name and no: GCU 041 API No. 30-045-07074

Plugging & Abandonment Surface Reclamation Plan

Operator:	SIMCOE	Location:	Sec. 32, Twn: 28N, Range 12W
Well name & No:	GCU 041	County, State:	San Juan County, NM
API No:	30-045-07074	Revision:	0
Surface:	Navajo/NAPI		
Date:	02/07/2018		

This document outlines the final reclamation plan for the GALLEGOS CANYON UNIT 041 well site, API 30-045-07074, based on the BLM/BP/BIA/NAPI on-site inspection conducted on 02/07/2018 and in accordance with Onshore Order No. 1 and the FFO Bare Soil Reclamation Procedures C (dated 2/2013).

#### PROPOSED VEGETATION RECLAMATION PLAN

#### General Notes:

The only dirt work required on this location is to smooth out the soils to grade for future crop production. This soil will be smoothed out to blend in with the surrounding contour of the crop circle.

- SIMCOE will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- SIMCOE will notify the BLM and NAPI forty-eight (48) hours prior to commencing earthwork.
- SIMCOE will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application. Seeding not required due to location being in a crop circle
- All underground production piping on the well site will be removed
- SIMCOE power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the GALLEGOS CANYON UNIT 041 identified during site visit.
- All rig anchors found on location will be removed.
- Disturbance will be limited to the well site, pipeline right of way to edge of slope crest and edge of well pad and access road boundaries.
- All surface equipment identified on location at time of P&A will be removed from location.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations. The well is in a crop circle and therefore the P&A marker will be placed 6 feet below grade.
- A ball marker will be dropped and GPS'd on the below grade marker.

#### Well Site Reclamation:

(Note: some steps may occur in a different sequence than listed below)

• For future reference, pre-construction conditions are documented in the attached Inspection Form and shown in the included photos.

Page | 2

Well name and no: GCU 041 API No. 30-045-07074

- BMP's will not be required as this location and all disturbance is within a crop circle and will return to NAPI agricultural production.
- The wellhead and all equipment are all located within the crop circle and will be removed.
- Gravel on the well site surface will be removed from location and per NAPI personnel during onsite this gravel can be placed on the crop circle road to aid in traction on the NAPI owned road.
- This location and surrounding area are in a crop circle and will be re-contoured to blend in with the surrounding area. The area within the crop circle where the wellhead and meter run are located will be graded to match the terrain of the current crop circle.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Disturbed areas will be prepared for seeding. NAPI will plant crops in the inside of the crop circle.

#### Access Road Reclamation:

The road into this location will have gravel remove to the extent practical and the road will be levelled to adjacent terrain.

## Re-vegetation:

NAPI will plant the location as this sits in the crop circle. All disturbed areas are located in the crop circle and will be returned to NAPI for agricultural production.

Species of seed	Pound/Acre (PLS)
Total	

### Weed Management:

No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by NAPI

Page | 3

Well name and no: GCU 041 API No. 30-045-07074

### Attachments:

- Reference photos of location taken on February 7, 2018.
- P&A Field Inspection Sheet performed on February 7, 2018.
- Aerial of location.



Page **| 4** 

Well name and no: GCU 041 API No. 30-045-07074



### **P&A Field Inspection Sheet**

Date:2/7/2018		Specialist Sabre Beebe, BP: Randy McKee, BLM Al
		Nakia, NAPI Jerome Serrano, Enterprise
Operator: BP America		Well Name & Number: GCU 041
API Number:30-045-07074		Section:32 Township:28N Range:12W
Lease Number:NMSF079346A		Footage:990 FNL 990 FEL
		County: San Juan State: New Mexico
Surface:	NAPI	Twinned: No

### Well Pad

Topography: Crop Circle - Flat	Stockpile Topsoil	No		
Soil Type:Sandy				
Vegetation Community: Crop Circle – Currently grazed corn crop				
1				
2				
3				
4				
5				
6				
7				
8				
9	·			

Vegetation Cages: No Facilities on Location:

1 Tanks

- 1 Meter Runs Meter Tube size 4 inch
- 0 Separators
- 0 Compressor
- 1 Day Tanks
- 2 Pipeline riser belonging to: Enterprise

1 RTU

- 1 Solar Panel
- 2 Batteries
- 0 Drip(s)

Yes Lift Equipment type: Pump Jack SN 107468

Gravel Present: Yes Bury No Place Gravel on Main Road: Yes Steel Pits: Above Grade: Where on Location: Western edge of tear drop

Cathodic Ground bed on location: No

In Service: N/A
Abandoned: N/A
Plugged: No
Remove Wire N/A
Remove Rectifier N/A

Trash on location: No Power Poles: No

Remove Power Poles: N/A

Construction Diversion Ditch: Not Applicable

Click here to enter text. Side draining Click here to enter text.	Contaminated Soil: No	
Click here to enter text. Side draining Click here to enter text.	Remove:   Yes, where on location: Click here to enter	
	text.	

Construction Silt Trap(s):N/A

Re-Contour Disturbed Areas to Natural Terrain: Yes

Special Features: Location is in a crop circle and therefore the soils will be levelled with surrounding surface to accommodate future crop production.

Location & Access Barricade: No / How:

Construction Comments / Concern: Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. During onsite NAPI and BLM requested that the 2 risers on pad be capped below grade and removed from surface. The dog leg to the southeast will need to be addressed through agreement between NAPI, BIA and Enterprise to decide if this can remain above grade or needs removal.

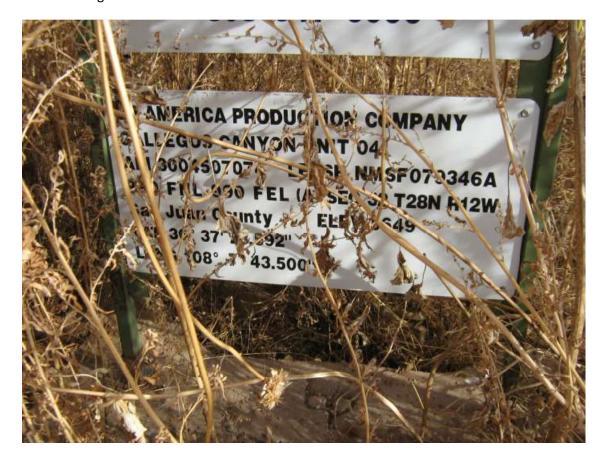
P&A marker will need to be place 6 feet below grade per NAPI requirements for crop production.

Access Road			
Access Length:>0.5 miles Remediation Methods: ⊠Rip ⊠DiskWater Bars □Re-establish Drainages			
Other:			
Access Condition: At Grade			
Culverts: N/A			
Cattle Guard: N/A			
Reconstruct Fence: N/A			
Surface Material: No			
What to do with Material	All gravel and non-native materials will be removed from location. Gravel will be		
	spread on crop circle road.		
Road Comments/Concerns	Click here to enter text.		

Noxious weeds identified at time of on site? No, if yes list noxious weeds found

# Gallegos Canyon Unit 041 API 30-045-07074 Pre-P&A photos

Well Head Sign



## Access Road from well head back to main road



# Access road from well head to well equipment



Pump Jack and Day tank at well head



# Day Tank



# Pump Jack Serial# 107468





Photo of pit tank – above grade LPT with metal containment ring Serial #30697-72 (95 BBL)





# Piping to Meter Run



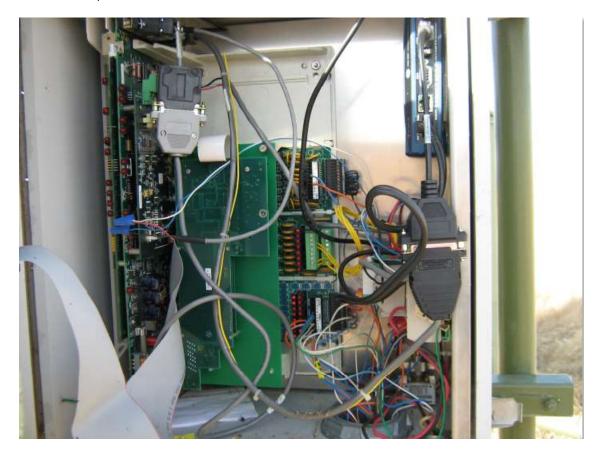
## Meter House with 4 inch meter run #97883



Meter Run with RTU, Solar Panel and Batteries



# RTU internal parts



# Meter tube air gapped



# Enterprise riser



## Meter with heater



Enterprise riser further into crop circle

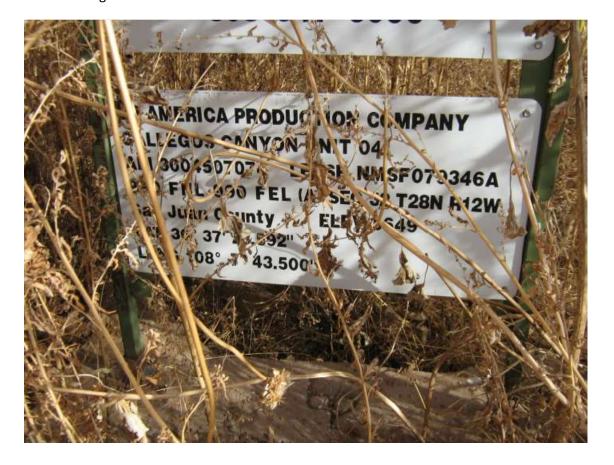






# Gallegos Canyon Unit 041 API 30-045-07074 Pre-P&A photos

Well Head Sign



## Access Road from well head back to main road



# Access road from well head to well equipment



Pump Jack and Day tank at well head



Day Tank



# Pump Jack Serial# 107468





Photo of pit tank – above grade LPT with metal containment ring Serial #30697-72 (95 BBL)





# Piping to Meter Run



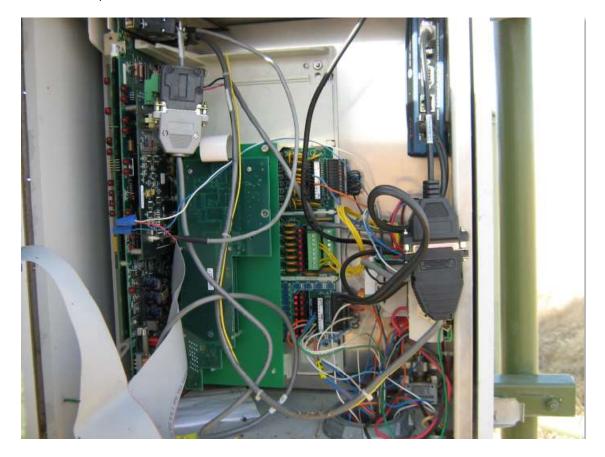
### Meter House with 4 inch meter run #97883



Meter Run with RTU, Solar Panel and Batteries



# RTU internal parts



# Meter tube air gapped



# Enterprise riser



### Meter with heater



Enterprise riser further into crop circle







# 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 <u>minimum general</u> 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.

2

- 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  $H_2S$ .
- 8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) 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.

#### **BLM - FFO - Geologic Report**

Date Completed 5/15/2024

Well No. Gallegos Canyon Unit 41 Surf. Loc. 990 FNL 990 FEL

US Well No. 30-045-07074 Sec. 32 T. 28N R. 12W

Lease No. NMSF079346A

Agrmt # NMNM78391A, NMNM78391M County San Juan State New Mexico
Operator SIMCOE LLC Formation Basin Fruitland Coal, Kutz Pictured Cliffs West

TVD 1367 PBTD 1295 Elevation KB NA

Elevation GL 5649

Geologic Formations Est. tops Remarks

Kirtland Fm. 136

Fruitland Fm. 1015 Coal/gas/possible water

Pictured Cliffs 1292 Gas/water

#### Reference Well:

A 2017 plugging procedure has already been approved for this well when the operator was BP American Production Company. The 2017 review and reference well supports there is a Kirtland formation top below the surface casing. Set the bottom of plug 2 at 186 ft to account for the Kirtland formation top by the BLM at 136 ft. Work will be required to be completed by December 1, 2024.

Gallegos Canyon Unit 272 US Well No. 30-045-22240 Sec 33 T. 28N R. 12W San Juan County, New Mexico

Prepared by: Kenneth Rennick

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

AFMSS 2 Sundry ID 2790391

Attachment to notice of Intention to Abandon

Well: Gallegos Canyon Unit 41

#### **CONDITIONS OF APPROVAL**

- 1. Plugging work must be completed by December 1, 2024.
- Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 3. The following modifications to your plugging program are to be made:
  - a. Set the bottom of plug 2 at 186 ft to account for the Kirtland formation top by the BLM at 136 ft.
- 4. 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 05/16/2024

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

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 346471

#### CONDITIONS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	346471
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Create	ted By	Condition	Condition Date
mku	uehling	Not building schematic to cover formations required -Notify NMOCD 24 hours prior to moving on - monitor string pressures daily report on subsequent - Submit all logs prior to subsequent	5/23/2024
mku	uehling	Remove CIBP at 1176 - CIBP needs to be within 50 feet of top perforation NMOCD concurs with BLM for formation tops	5/23/2024