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

# Sundry Print Report

05/21/2024

**Well Name:** DAY A LS

**Well Location:** T29N / R8W / SEC 18 / NENE / 36.728775 / -107.709061

**County or Parish/State:** SAN JUAN / NM

**Well Number:** 12

**Type of Well:** CONVENTIONAL GAS WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078414

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3004520812

**Operator:** SIMCOE LLC

## Notice of Intent

**Sundry ID:** 2789775

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 05/13/2024

**Time Sundry Submitted:** 01:05

**Date proposed operation will begin:** 06/14/2024

**Procedure Description:**

## Surface Disturbance

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

## NOI Attachments

**Procedure Description**

Proposed_Day_LS__12_PA_WBD_20240513130509.pdf

Current_Day_LS__12_PA_WBD_20240513130459.pdf

Day_A_LS_020_P_A_Field_Inspection_Form_2018_20240513130449.pdf

Day_A_LS_012_Pre_plug_photos_20240513130435.pdf

Day_LS_012_PA_procedure_20240513130248.pdf

Day_A_LS_012_P_A_Reclamation_Plan_20240513130223.pdf

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**Operator:** SIMCOE LLC

## Conditions of Approval

**Specialist Review**

General_Requirement_PxA_20240515151119.pdf

Day_A_LS_12_Geo_KR_20240515151105.pdf

2789775_NOIA_12_3004520812_KR_05152024_20240515151105.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 13, 2024 01:05 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:** **Zip:**

**Phone:**

**Email address:**

## BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

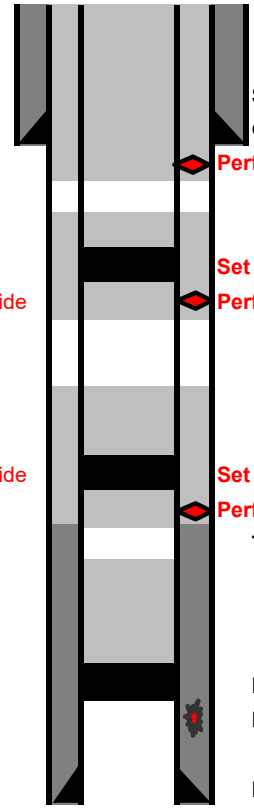
**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Approved

**Disposition Date:** 05/15/2024

**Signature:** Kenneth Rennick

**Proposed P&A WBD**
**Day LS #12**
**API: 30-045-20812**



**Plug 4: 193' - surface**
**111 sxs Class G**

**Surface: 8-5/8" 24# @143'**
**circulated cmt to surface**

**Perforate @ 193'**

**Nacimiento Top: 677'**

**Plug 3: 727' - 627'**
**59 sxs Class G**
54 outside/5 inside

**Set CICR @ 677'**

**Perforate @ 727'**

**Ojo Alamo Top: 1960'**
**Kirtland Top: 2104'**

**Plug 2: 2154' - 1910'**
**96 sxs Class G**
87 outside/9 inside

**Set CICR @ 2104'**

**Perforate @ 2010'**

**TOC @ 2110'**

**Fruitland Coal Top: 2728'**

**Plug 1: 2944' - 2678'**
**9 sxs Class G**

**Existing CIBP @2944'**

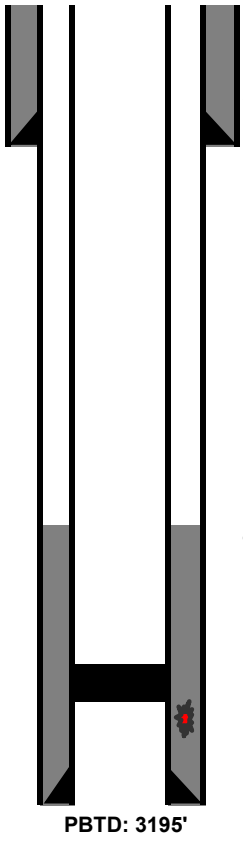
**PC Perforations: 3044' - 3068'**

**Pictured Cliffs Top: 3043'**

**Production: 2-7/8" 6.4# @ 3203'**

**PBTD: 3195'**

**Current WBD**
**Day LS #12**
**API: 30-045-20812**



**Surface: 8-5/8" 24# @143'**
**circulated cmt to surface**

**Nacimiento Top: 677'**

**Ojo Alamo Top: 1960'**
**Kirtland Top: 2104'**

**TOC @ 2110'**

**Fruitland Coal Top: 2728'**

**Existing CIBP @2944'**
**PC Perforations: 3044' - 3068'**

**Pictured Cliffs Top: 3043'**

**Production: 2-7/8" 6.4# @ 3203'**

**PBTD: 3195'**

# P&A Field Inspection Sheet

| | | | |
|---|---|---|---|
| Date:4/16/2018 | | Specialist Sabre Beebe, BP: Randy McKee, BLM | |
| Operator: BP America | | Well Name & Number: Day A LS 012 | |
| API Number:30-045-20812 | | Section: 18 | Township: 29N Range: 8W |
| Lease Number: NMSF078046 | | Footage: 1190 FNL 800 FEL | |
| | | County: San Juan | State: NM |
| Surface: | BLM | Twinned: | No |

## Well Pad

| | | | |
|---|---|---|---|
| Topography: Sloping | | Stockpile Topsoil | No |
| Soil Type: Sandy Loam | | | |
| Vegetation Community: Reduced Palatability | | | |
| 1 | Sage | | |
| 2 | Sand dropseed | | |
| 3 | Four-wing salt brush | | |
| 4 | Rabbit Brush | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |

Vegetation Cages: No
Facilities on Location:
0 Tanks
2 Meter Runs #87306 Size 4 inch
1 Separators 6685
0 Compressor Click here to enter text.
0 Day Tanks
3 Pipeline riser belonging to: Enterprise 2 riser and 1 dogleg
1 RTU# 2558
1 Solar Panel
2 Batteries

Gravel Present: Yes Bury No Place Gravel on Main Road: Yes
Steel Pits: Below Grade: Where on Location: Center of pad Serial# Not found Size (bbl): 95
Cathodic Ground bed on location: No
In Service: N/A
Abandoned: N/A
Plugged: N/A
Remove Wire N/A
Remove Rectifier N/A

Trash on location: No
Power Poles: No
Remove Power Poles: N/A

Construction Diversion Ditch: N/A

| | |
|---|---|
| Side draining | Contaminated Soil: No |
| Side draining | Remove: ☐ Yes, where on location: |
| | |

Construction Silt Trap(s):Yes, see diagram for placement
Re-Contour Disturbed Areas to Near Natural Terrain: Yes
Special Features: Location has 2 Enterprise pipelines traveling through it and has the meter run for the Day B 15 well on pad belonging to Hillcorp._
Location & Access Barricade: Yes / How:Using Fencing

Construction Comments / Concern: Road will be included in the reclamation. Enterprise lines running through the pad and road. See view below. Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. BLM is requiring Dog Leg, Hillcorp. Meter and risers be removed and the pipeline must be 4 feet in native soils.


Access Road

Access Length: 0.10 mile Remediation Methods: ☒Rip ☒Disk ☒Water Bars ☒Re-establish Drainages
Other: Enterprise lines crossing road in 2 areas_
Access Condition: At Grade
Culverts: No
Cattle Guard: No
Reconstruct Fence: No
Surface Material: No

| | |
|---|---|
| What to do with Material | Remove all material / gravel from location |
| Road Comments/Concerns | Enterprise lines crossing access road are of concern |

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

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

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Objective:

Permanently plug & abandon the well from 3195' containing 4 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 the well is dead or on a vacuum.
4. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
5. Run CBL from 2944' to surface.
6. ND wellhead and NU BOP. Function test BOP. RU floor and 1-1/4" handling tools.
7. PU and tally 1-1/4" work string and RIH open ended to existing 2-7/8" CIBP set @ 2944.
8. **Plug #1, 2944' – 2678' (Perforations: 3044' – 3068' Pictured Cliffs Top: 3043' Fruitland Coal Top: 2728')** Mix & pump 9 sxs of class G cement and spot a plug on top of CIBP to cover perforations, PC, and FC tops. PU and reverse circulate tubing clean.
9. WOC then tag plug to confirm TOC.
10. LD tubing to 2104' then TOOH.
11. RU WL and perforate @ 2154'. WL set CICR @ 2104'. RD WL.
12. TIH to CICR.
13. **Plug #2, 2154' - 1910' (Kirtland Top: 2104' Ojo Alamo Top: 1960')** Mix & pump 96 sxs of Class G cement and pump an inside/outside plug squeezing 87 sxs outside and leaving 9 sxs inside to cover the Kirtland and the Ojo Alamo tops. PU and reverse circulate tubing clean.
14. WOC then tag plug to confirm TOC.
15. LD tubing to 677' then TOOH.

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

16. RU WL and perforate @ 727'. WL set CICR @ 677'. RD WL.
17. TIH to CICR.
18. **Plug #3, 727' - 627' (Nacimiento Top: 677')** Mix & pump 59 sxs of Class G cement and spot an inside/outside plug squeezing 54 sxs outside and leaving 5 sxs inside to cover the Nacimiento top. PU and reverse circulate tubing clean.
19. WOC then tag plug to confirm TOC.
20. LD remaining tubing.
21. RU WL and perforate @ 193'. Establish an injection rate then RD WL.
22. **Plug #4, 193' - surface (Surface Shoe 143')** Mix & pump 111 sxs of Class G cement and pump down 2-7/8" casing and back up BH until good cement returns to surface.
23. 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.

Well name and no: Day A LS 012
API No. 30-045-20812

Plugging & Abandonment Surface Reclamation Plan

| | | | | |
|---|---|---|---|---|
| Operator: | SIMCOE | | Location: | Sec.21, Twn: 29N, Range 8W |
| Well name & No: | DAY A LS 012 | | County, State: | San Juan County, NM |
| API No: | 30-045-20812 | | Revision: | 0 |
| Surface: | BLM | | | |
| Date: | 4/16/18 | | | |

This document outlines the final reclamation plan for the DAY A LS 012 well site, API 30-045-20812, based on the BLM/BP on-site inspection conducted on 4/16/2018 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:

- SIMCOE will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- SIMCOE will notify the BLM forty-eight (48) hours prior to commencing earthwork.
- SIMCOE will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application.
- All underground production piping on the well site belonging to SIMCOE, associated with the DAY A LS 012 well, will be removed or abandoned-in-place if at depths greater than 36 inches.
- SIMCOE power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the DAY A LS 012 identified during site visit.
- All rig anchors found on location belonging to the DAY A LS 012 will be removed.
- Disturbance will be limited to the well site and edge of well pad and access road boundaries. Disturbance will be limited to disturbance required to remove equipment and piping related to the DAY A LS 012 well.
- All surface equipment associated with the DAY A LS 012 identified and belonging to SIMCOE on location at time of P&A will be removed from location.
- SIMCOE will inform Enterprise of BLM/BIA equipment removal requests and when the DAY A LS 012 P&A marker has been set.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations.

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 attached photos.

- Temporary and / or permanent storm water and erosion control BMP's will be employed at appropriate locations around the pad as dictated by local drainage patterns and

Well name and no: Day A LS 012
API No. 30-045-20812

expected areas of disturbance, slopes and across the access road. BMP's selection will be determined by local factors and will be a combination of sediment and erosion controls that are deemed effective and low maintenance. Straw wattles, diversion ditches, mulch, soil blankets, and/or other suitable BMP's may be used in various combinations, as appropriate, during and after construction activities. Any temporary means to control storm water will be removed before final reclamation is achieved.

- Vegetation and approximately 6 inches of soil will be stripped and stockpiled to use after grading operations to facilitate re-vegetation.
- Gravel on the well site surface will be removed.
- BGT on location will be properly closed per NMOCD Rules and the area will be reclaimed along-side the entire well pad.
- Fill material on the location will be used to reclaim the site to near original and natural topography as is practical. The pad will be ripped and will just be disc 4-6 inches to break any clods and prepare the location for seeding. This locations reclamation will include the road leading to the well site.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Natural drainage patterns will be established when possible and practical. Additional means for ensuring proper drainage, such as water bars or diversion ditches, may be employed. The natural drainage patterns already in existence will be maintained and enhanced with the fill material on site.
- Disturbed areas will be prepared for seeding.
- A seed drill will be utilized to create a firm bed.
- After the site has been prepared, the location will be seeded using appropriate equipment.
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedure C.

Access Road Reclamation:

The road into this location will be fully reclaimed.

Re-vegetation:

The planned, initial seed mixture and application rates for the Sage Community identified during the site visit will be as follows. The seed application rates may be adjusted according the based upon method of application.

| Species of seed | Pound/Acre (PLS) |
|---|---|
| Rubber rabbitbrush (Ericameria nauseosa) | 3.0 |
| Wyoming sagebrush (Artemisia tridentate ssp. Wyomingensis) | 3.0 |
| Four-wing saltbush (Atriplex canescens) | 4.0 |
| Bottlebrush squirreltail (Elymus elymoides) | 4.0 |

Well name and no: Day A LS 012
API No. 30-045-20812

| | |
|---|---|
| Indian ricegrass (Achnatherum hymenoides) | 3.5 |
| Sand dropseed (Sporobolus cryptandrus) | 0.5 |
| Needle and thread (Hesperostipa comate) | 2.5 |
| Scarlet globemallow (Sphaeralcea coccinea) | 0.25 |
| Prairie aster (Machaeranthera tanacetiflolia) | 0.25 |
| Blanket flower (Gaillardia pulchella or G aristata) | 0.25 |
| Galleta (Pleuraphis jamesii) | 3.0 |
| Antelope bitterbrush (Purshia tridentate) | 3.0 |
| Winterfat (Krascheninnikovia lanata) | 2.0 |

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding upon request.

Seeding will occur as soon as reasonably possible following completion of earthwork activities and timed for successful germination.

To prepare the site for seeding, only the seed drill will be necessary to create a firm bed. The seed mix is designed to be applied at 60 Total PLS per square foot which will ensure adequate stand density and diversity. Seeding will be completed using a no-till drill or Brillion drill seeder, this method allows for the handling of a wide variety of seed types and sizes in addition to establishing good seed to soil contact without undo disruption of the soil surface. Using a no till or Brillion drill also provides proper seed planting depth which will be approximately 1/8 inch.

Weed Management:

SIMCOE's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation. No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by a properly licensed contractor and within full compliance of all federal and state laws and regulations.

Weed management and control will be performed in an environmental conscious manner using BMP's.

Monitoring:

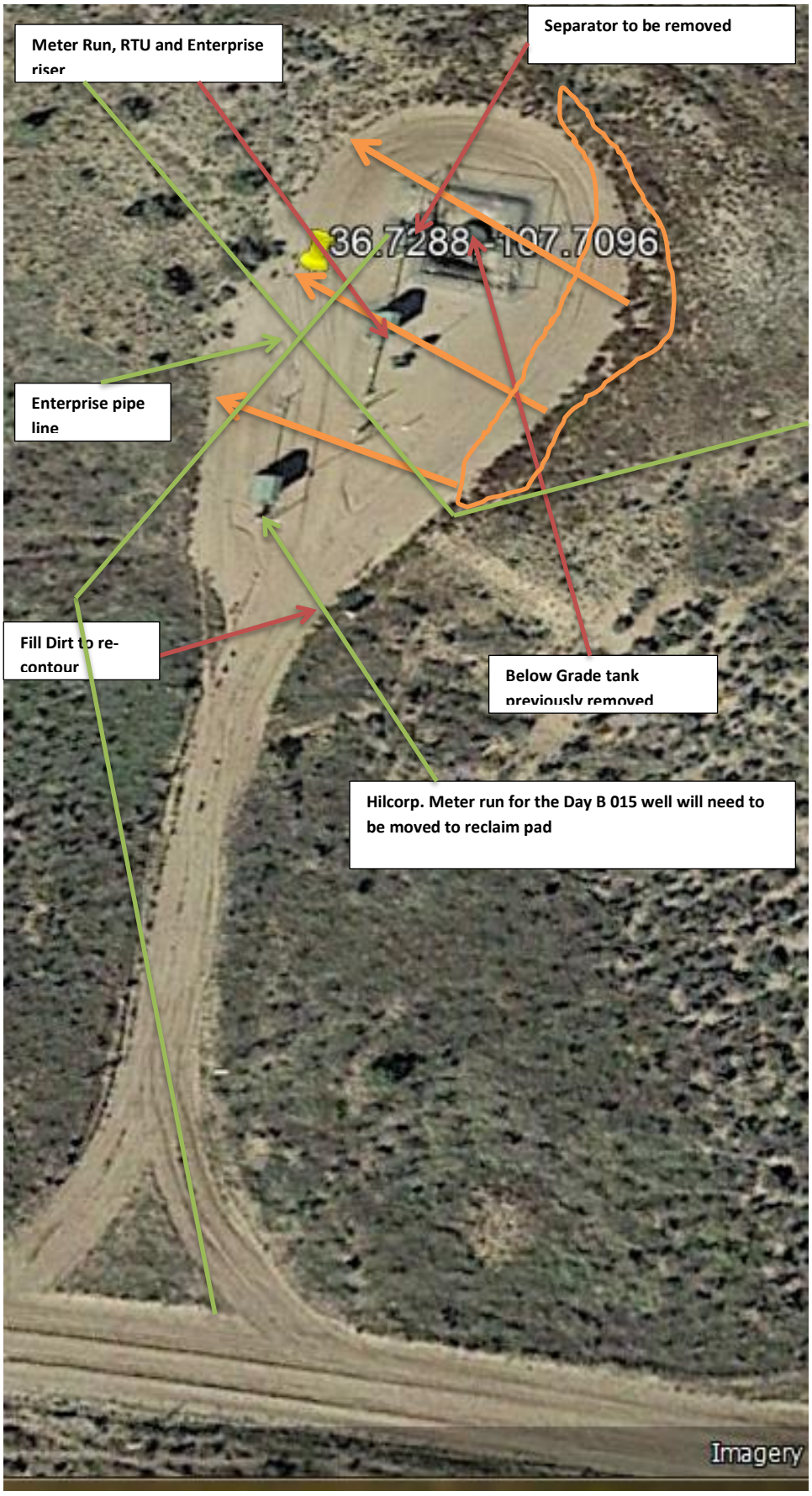
SIMCOE will submit a Sundry Notice informing the BLM the earthwork and seeding is completed and requesting a joint inspection to examine the site.

Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

Well name and no: Day A LS 012
API No. 30-045-20812
Attachments:

- Reference photos of location taken on 4/11/2018.
- P&A Field Inspection Sheet performed on 4/11/2018.
- Aerial of location with short description of reclamation plan.

Well name and no: Day A LS 012
API No. 30-045-20812



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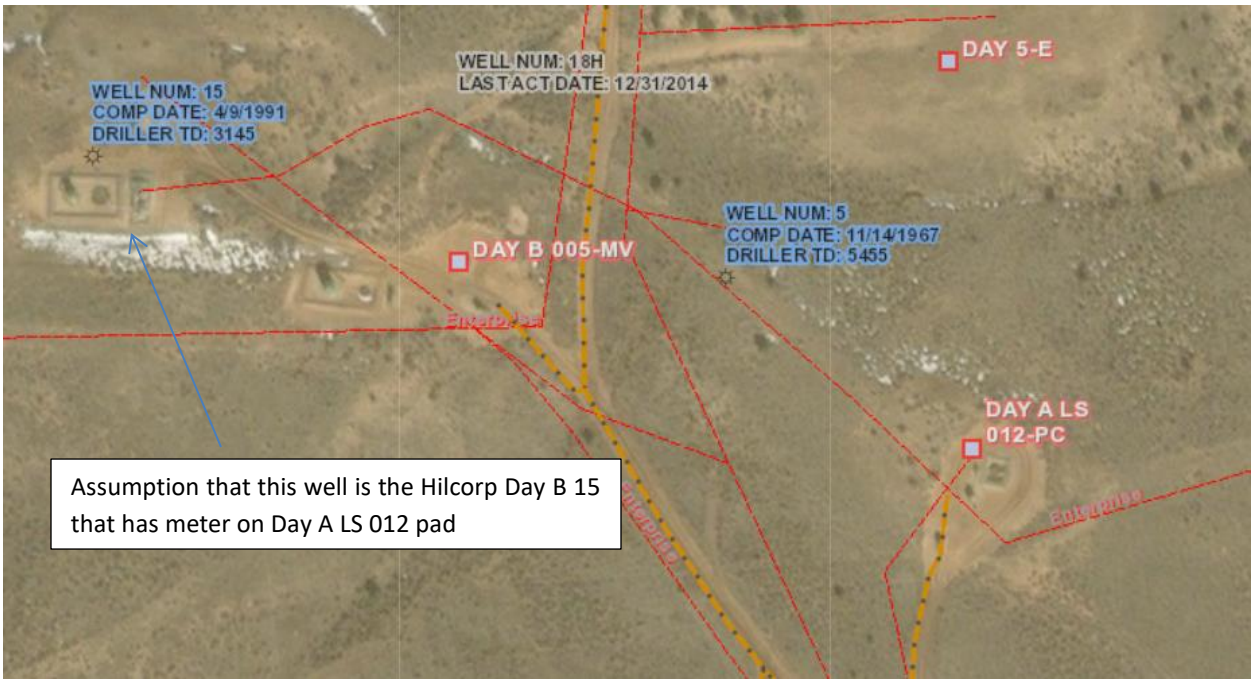
API No. 30-045-20812



Well name and no: Day A LS 012
API No. 30-045-20812

# 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 $H_2S$.

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. | Day A LS 12 | | | Surf. Loc. | 1190 FNL | 800 FEL | |
| US Well No. | 30-045-20812 | | | | Sec. 18 | T. 29N R. 08W | |
| Lease No. | NMSF078414 | | | | | | |
| Agrmt # | | | | County | San Juan | State | New Mexico |
| Operator | SIMCOE LLC | | | Formation | Blanco Pictured Cliffs | | |
| TVD | 3203 | PBTD | 3195 | Elevation KB | NA | | |
| Elevation GL | 6421 | | | | | | |

| **Geologic Formations** | **Est. tops** | **Remarks** |
|---|---|---|
| Nacimiento | 677 | Fresh water sands |
| Ojo Alamo Ss. | 1960 | Aquifer (possible freshwater) |
| Kirtland Fm. | 2104 | |
| Fruitland Fm. | 2728 | Coal/gas/possible water |
| Pictured Cliffs | 3049 | Possible gas/water |

Remarks:

A 2018 plugging procedure has already been approved for this well when the operator was BP American Production Company. The 2018 review, the available induction log, and reference well supports the formation top locations provided by SIMCOE LLC. No changes. Work will be required to be completed by December 1, 2024.

Reference Well:

Day B 5
US Well No. 30-045-08374
Sec 18 T. 29N R. 8W
San Juan County, New Mexico

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

AFMSS 2 Sundry ID 2789775

Attachment to notice of Intention to Abandon

Well: Day A LS 12

CONDITIONS OF APPROVAL

1. Plugging work must be completed by December 1, 2024.

2. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

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 05/15/2024

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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-045-20812

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No. NMSF078414

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: DAY A LS

1. Type of Well: Oil Well ☐ Gas Well ☑ Other

8. Well Number 12

2. Name of Operator: SIMCOE LLC

9. OGRID Number

3. Address of Operator: 1199 Main Ave, Suite 101, Durango, CO 81301

10. Pool name or Wildcat: Blanco Pictured Cliffs

4. Well Location
Unit Letter A : 1190 feet from the North line and 800 feet from the East line
Section 18 Township 29N Range 8W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6,421', GL

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☑ | REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ | COMMENCE DRILLING OPNS. | ☐ | P AND A | ☐ |
| PULL OR ALTER CASING | ☐ | MULTIPLE COMPL | ☐ | CASING/CEMENT JOB | ☐ | | |
| DOWNHOLE COMMINGLE | ☐ | | | | | | |
| CLOSED-LOOP SYSTEM | ☐ | | | | | | |
| OTHER: | ☐ | | | OTHER: | | | ☐ |

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.

SIMCOE LLC requests to P&A the subject well. Please see the attached P&A procedure and wellbore diagram.

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 Christy Kost TITLE Regulatory Analyst DATE 05/21/2024

Type or print name Christy Kost E-mail address: christy.kost@ikavenergy.com PHONE: 970-822-8931

**For State Use Only**

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

---

Objective:

Permanently plug & abandon the well from 3195' containing 4 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:

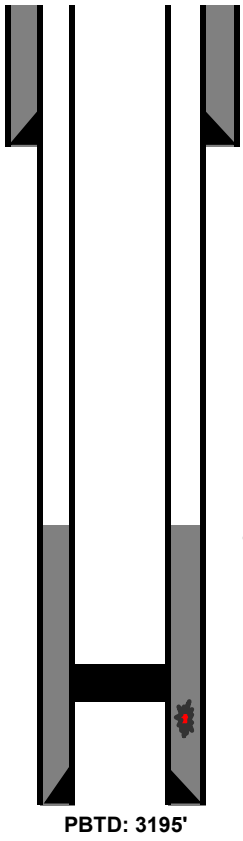
1. MIRU well servicing rig and cement equipment.
2. Check casing, tubing, and BH pressures.
3. Removed existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure the well is dead or on a vacuum.
4. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
5. Run CBL from 2944' to surface.
6. ND wellhead and NU BOP. Function test BOP. RU floor and 1-1/4" handling tools.
7. PU and tally 1-1/4" work string and RIH open ended to existing 2-7/8" CIBP set @ 2944.
8. **Plug #1, 2944' – 2678' (Perforations: 3044' – 3068' Pictured Cliffs Top: 3043' Fruitland Coal Top: 2728')** Mix & pump 9 sxs of class G cement and spot a plug on top of CIBP to cover perforations, PC, and FC tops. PU and reverse circulate tubing clean.
9. WOC then tag plug to confirm TOC.
10. LD tubing to 2104' then TOOH.
11. RU WL and perforate @ 2154'. WL set CICR @ 2104'. RD WL.
12. TIH to CICR.
13. **Plug #2, 2154' - 1910' (Kirtland Top: 2104' Ojo Alamo Top: 1960')** Mix & pump 96 sxs of Class G cement and pump an inside/outside plug squeezing 87 sxs outside and leaving 9 sxs inside to cover the Kirtland and the Ojo Alamo tops. PU and reverse circulate tubing clean.
14. WOC then tag plug to confirm TOC.
15. LD tubing to 677' then TOOH.

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

16. RU WL and perforate @ 727'. WL set CICR @ 677'. RD WL.
17. TIH to CICR.
18. **Plug #3, 727' - 627' (Nacimiento Top: 677')** Mix & pump 59 sxs of Class G cement and spot an inside/outside plug squeezing 54 sxs outside and leaving 5 sxs inside to cover the Nacimiento top. PU and reverse circulate tubing clean.
19. WOC then tag plug to confirm TOC.
20. LD remaining tubing.
21. RU WL and perforate @ 193'. Establish an injection rate then RD WL.
22. **Plug #4, 193' - surface (Surface Shoe 143')** Mix & pump 111 sxs of Class G cement and pump down 2-7/8" casing and back up BH until good cement returns to surface.
23. 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.

Current WBD
Day LS #12
API: 30-045-20812



Surface: 8-5/8" 24# @143'
circulated cmt to surface

Nacimiento Top: 677'

Ojo Alamo Top: 1960'
Kirtland Top: 2104'

TOC @ 2110'

Fruitland Coal Top: 2728'

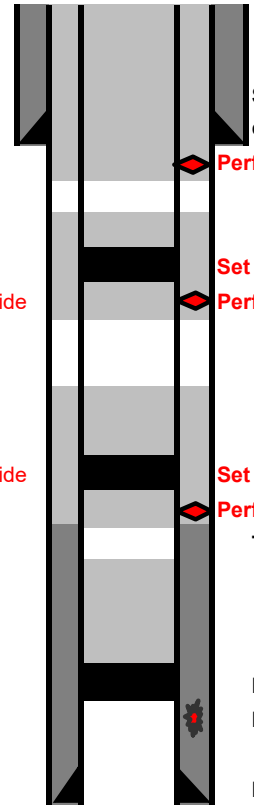
Existing CIBP @2944'
PC Perforations: 3044' - 3068'

Pictured Cliffs Top: 3043'

Production: 2-7/8" 6.4# @ 3203'

PBTD: 3195'

**Proposed P&A WBD**
**Day LS #12**
**API: 30-045-20812**



**Plug 4: 193' - surface**
**111 sxs Class G**

**Surface: 8-5/8" 24# @143'**
**circulated cmt to surface**

**Perforate @ 193'**

**Nacimiento Top: 677'**

**Plug 3: 727' - 627'**
**59 sxs Class G**
54 outside/5 inside

**Set CICR @ 677'**

**Perforate @ 727'**

**Ojo Alamo Top: 1960'**
**Kirtland Top: 2104'**

**Plug 2: 2154' - 1910'**
**96 sxs Class G**
87 outside/9 inside

**Set CICR @ 2104'**

**Perforate @ 2010'**

**TOC @ 2110'**

**Fruitland Coal Top: 2728'**

**Plug 1: 2944' - 2678'**
**9 sxs Class G**

**Existing CIBP @2944'**

**PC Perforations: 3044' - 3068'**

**Pictured Cliffs Top: 3043'**

**Production: 2-7/8" 6.4# @ 3203'**

**PBTD: 3195'**

# 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

2. 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.
        - 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
        - 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. Sec2. 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.

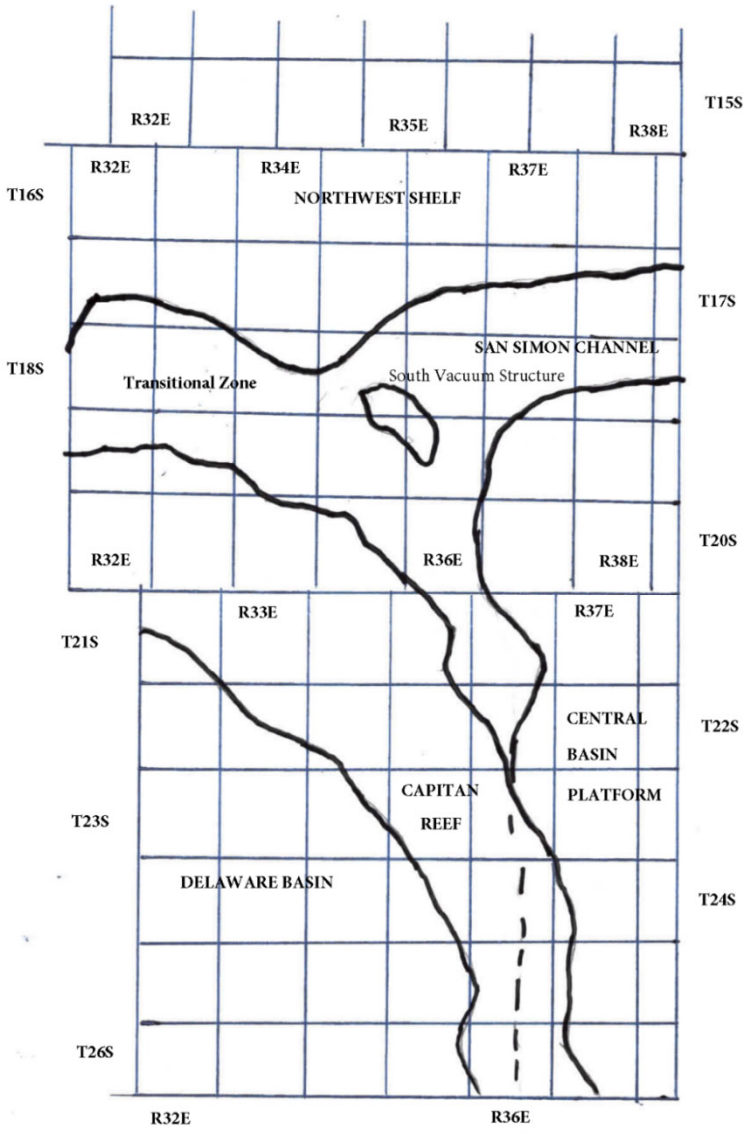
T 25S – R 31E
Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

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 basement material and fractured pre-Cambrian basement rock) | Siluro-Devonian | Morrow | Siluro-Devonian | Ellenburger | Siluro-Devonian | Granit Wash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives). |
| Montoya | Mississippian | Atoka | Morrow | Mckee | 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 (Top of Wolfbone) | Silurian |
| 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 | Seven Rivers | | Blinebry | Brushy Canyon | Pennsylvanian |
| 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 | | Abo Reef |
| Abo | Top Capitan Reef | | | Base of Salt | | Drinkard |
| Abo Reef, if present | Base of Salt | | | Rustler | | Tubb |
| Yeso (Township 15 South to Township 17 South) | Rustler | | | | | Blinebry |
| Drinkard or Lower Yeso (Township 15 South to Township 17 South) | | | | | | Paddock |
| Tubb (Township 15 South to Township 17 South) | | | | | | Glorieta |
| Blinebry (Township 15 South to Township 17 South) | | | | | | San Andres |
| Paddock (Township 15 South to Township 17 South) | | | | | | Grayburg |
| Glorieta | | | | | | Grayburg-San Andres |
| San Andres | | | | | | Queen |
| Queen (Township 15 South to Township 17 South) | | | | | | Seven Rivers |
| Seven Rivers (Township 15 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 Report

05/21/2024

**Well Name:** DAY A LS

**Well Location:** T29N / R8W / SEC 18 / NENE / 36.728775 / -107.709061

**County or Parish/State:** SAN JUAN / NM

**Well Number:** 12

**Type of Well:** CONVENTIONAL GAS WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078414

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3004520812

**Operator:** SIMCOE LLC

## Notice of Intent

**Sundry ID:** 2789775

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 05/13/2024

**Time Sundry Submitted:** 01:05

**Date proposed operation will begin:** 06/14/2024

**Procedure Description:**

## Surface Disturbance

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

## NOI Attachments

**Procedure Description**

Proposed_Day_LS__12_PA_WBD_20240513130509.pdf

Current_Day_LS__12_PA_WBD_20240513130459.pdf

Day_A_LS_020_P_A_Field_Inspection_Form_2018_20240513130449.pdf

Day_A_LS_012_Pre_plug_photos_20240513130435.pdf

Day_LS_012_PA_procedure_20240513130248.pdf

Day_A_LS_012_P_A_Reclamation_Plan_20240513130223.pdf

**Well Name:** DAY A LS

**Well Location:** T29N / R8W / SEC 18 / NENE / 36.728775 / -107.709061

**County or Parish/State:** SAN JUAN / NM

**Well Number:** 12

**Type of Well:** CONVENTIONAL GAS WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078414

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3004520812

**Operator:** SIMCOE LLC

## Conditions of Approval

**Specialist Review**

General_Requirement_PxA_20240515151119.pdf

Day_A_LS_12_Geo_KR_20240515151105.pdf

2789775_NOIA_12_3004520812_KR_05152024_20240515151105.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 13, 2024 01:05 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:** **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:** 05/15/2024

**Signature:** Kenneth Rennick

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**

***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

***SUBMIT IN TRIPLICATE*** *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

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 Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☐ Subsequent Report | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Final Abandonment Notice | ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

**THE SPACE FOR FEDERAL OR STATE OFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

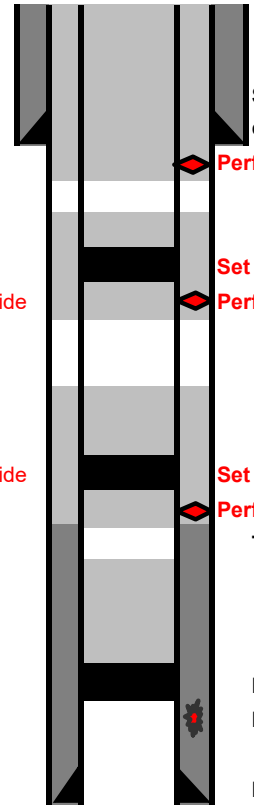
## Additional Information

### Location of Well

0. SHL: NENE / 1190 FNL / 800 FEL / TWSP: 29N / RANGE: 8W / SECTION: 18 / LAT: 36.728775 / LONG: -107.709061 ( TVD: 0 feet, MD: 0 feet )

BHL: NENE / 1190 FNL / 800 FEL / TWSP: 29N / SECTION: / LAT: 36.728775 / LONG: 107.709061 ( TVD: 0 feet, MD: 0 feet )

**Proposed P&A WBD**
**Day LS #12**
**API: 30-045-20812**



**Plug 4: 193' - surface**
**111 sxs Class G**

**Surface: 8-5/8" 24# @143'**
**circulated cmt to surface**

**Perforate @ 193'**

**Nacimiento Top: 677'**

**Plug 3: 727' - 627'**
**59 sxs Class G**
54 outside/5 inside

**Set CICR @ 677'**

**Perforate @ 727'**

**Ojo Alamo Top: 1960'**
**Kirtland Top: 2104'**

**Plug 2: 2154' - 1910'**
**96 sxs Class G**
87 outside/9 inside

**Set CICR @ 2104'**

**Perforate @ 2010'**

**TOC @ 2110'**

**Fruitland Coal Top: 2728'**

**Plug 1: 2944' - 2678'**
**9 sxs Class G**

**Existing CIBP @2944'**

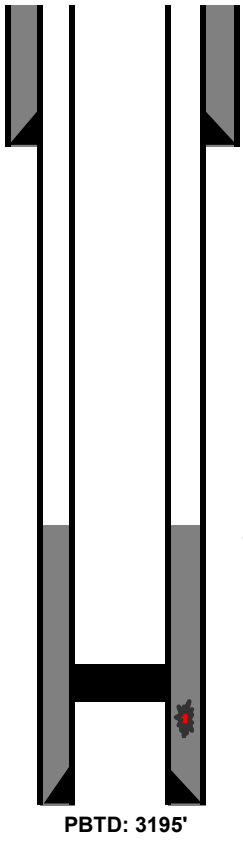
**PC Perforations: 3044' - 3068'**

**Pictured Cliffs Top: 3043'**

**Production: 2-7/8" 6.4# @ 3203'**

**PBTD: 3195'**

**Current WBD**
**Day LS #12**
**API: 30-045-20812**



**Surface: 8-5/8" 24# @143'**
**circulated cmt to surface**

**Nacimiento Top: 677'**

**Ojo Alamo Top: 1960'**
**Kirtland Top: 2104'**

**TOC @ 2110'**

**Fruitland Coal Top: 2728'**

**Existing CIBP @2944'**
**PC Perforations: 3044' - 3068'**

**Pictured Cliffs Top: 3043'**

**Production: 2-7/8" 6.4# @ 3203'**

**PBTD: 3195'**

# P&A Field Inspection Sheet

| | | | |
|---|---|---|---|
| Date:4/16/2018 | | Specialist Sabre Beebe, BP: Randy McKee, BLM | |
| Operator: BP America | | Well Name & Number: Day A LS 012 | |
| API Number:30-045-20812 | | Section: 18 | Township: 29N | Range: 8W |
| Lease Number: NMSF078046 | | Footage: 1190 FNL 800 FEL | |
| | | County: San Juan | State: NM |
| Surface: | BLM | Twinned: | No |

## Well Pad

| | | | |
|---|---|---|---|
| Topography: Sloping | | Stockpile Topsoil | No |
| Soil Type: Sandy Loam | | | |
| Vegetation Community: Reduced Palatability | | | |
| 1 | Sage | | |
| 2 | Sand dropseed | | |
| 3 | Four-wing salt brush | | |
| 4 | Rabbit Brush | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |

Vegetation Cages: No
Facilities on Location:
0 Tanks
2 Meter Runs #87306 Size 4 inch
1 Separators 6685
0 Compressor Click here to enter text.
0 Day Tanks
3 Pipeline riser belonging to: Enterprise 2 riser and 1 dogleg
1 RTU# 2558
1 Solar Panel
2 Batteries

Gravel Present: Yes Bury No Place Gravel on Main Road: Yes
Steel Pits: Below Grade: Where on Location: Center of pad Serial# Not found Size (bbl): 95
Cathodic Ground bed on location: No
In Service: N/A
Abandoned: N/A
Plugged: N/A
Remove Wire N/A
Remove Rectifier N/A

Trash on location: No
Power Poles: No
Remove Power Poles: N/A

Construction Diversion Ditch: N/A

| | |
|---|---|
| Side draining | Contaminated Soil: No |
| Side draining | Remove: ☐ Yes, where on location: |
| | |

Construction Silt Trap(s):Yes, see diagram for placement
Re-Contour Disturbed Areas to Near Natural Terrain: Yes
Special Features: Location has 2 Enterprise pipelines traveling through it and has the meter run for the Day B 15 well on pad belonging to Hillcorp._
Location & Access Barricade: Yes / How:Using Fencing

Construction Comments / Concern: Road will be included in the reclamation. Enterprise lines running through the pad and road. See view below. Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. BLM is requiring Dog Leg, Hillcorp. Meter and risers be removed and the pipeline must be 4 feet in native soils.


Access Road

Access Length: 0.10 mile Remediation Methods: ☒Rip ☒Disk ☒Water Bars ☒Re-establish Drainages
Other: Enterprise lines crossing road in 2 areas_
Access Condition: At Grade
Culverts: No
Cattle Guard: No
Reconstruct Fence: No
Surface Material: No

| | |
|---|---|
| What to do with Material | Remove all material / gravel from location |
| Road Comments/Concerns | Enterprise lines crossing access road are of concern |

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

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

---

Objective:

Permanently plug & abandon the well from 3195' containing 4 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 the well is dead or on a vacuum.
4. Load the hole and pressure test casing to 500 psi. WOC will be determined upon pressure test results.
5. Run CBL from 2944' to surface.
6. ND wellhead and NU BOP. Function test BOP. RU floor and 1-1/4" handling tools.
7. PU and tally 1-1/4" work string and RIH open ended to existing 2-7/8" CIBP set @ 2944.
8. **Plug #1, 2944' – 2678' (Perforations: 3044' – 3068' Pictured Cliffs Top: 3043' Fruitland Coal Top: 2728')** Mix & pump 9 sxs of class G cement and spot a plug on top of CIBP to cover perforations, PC, and FC tops. PU and reverse circulate tubing clean.
9. WOC then tag plug to confirm TOC.
10. LD tubing to 2104' then TOOH.
11. RU WL and perforate @ 2154'. WL set CICR @ 2104'. RD WL.
12. TIH to CICR.
13. **Plug #2, 2154' - 1910' (Kirtland Top: 2104' Ojo Alamo Top: 1960')** Mix & pump 96 sxs of Class G cement and pump an inside/outside plug squeezing 87 sxs outside and leaving 9 sxs inside to cover the Kirtland and the Ojo Alamo tops. PU and reverse circulate tubing clean.
14. WOC then tag plug to confirm TOC.
15. LD tubing to 677' then TOOH.

**SIMCOE**
***Plug & Abandon Procedure***

| | | | |
|---|---|---|---|
| **Well:** | Day LS 012 | **API:** | 30-045-20812 |
| **Location:** | 1190' FNL & 800' FEL | **Field:** | Blanco PC |
| **Sec,T, R:** | Sec 18 29N-08W | **Elevation:** | GL: 6421' |
| **Cnty/State:** | San Juan, New Mexico | | |
| **Lat/Long:** | 36.7288017, -107.709549 | | |

16. RU WL and perforate @ 727'. WL set CICR @ 677'. RD WL.
17. TIH to CICR.
18. **Plug #3, 727' - 627' (Nacimiento Top: 677')** Mix & pump 59 sxs of Class G cement and spot an inside/outside plug squeezing 54 sxs outside and leaving 5 sxs inside to cover the Nacimiento top. PU and reverse circulate tubing clean.
19. WOC then tag plug to confirm TOC.
20. LD remaining tubing.
21. RU WL and perforate @ 193'. Establish an injection rate then RD WL.
22. **Plug #4, 193' - surface (Surface Shoe 143')** Mix & pump 111 sxs of Class G cement and pump down 2-7/8" casing and back up BH until good cement returns to surface.
23. 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.

Well name and no: Day A LS 012
API No. 30-045-20812

Plugging & Abandonment Surface Reclamation Plan

| | | | | |
|---|---|---|---|---|
| Operator: | SIMCOE | | Location: | Sec.21, Twn: 29N, Range 8W |
| Well name & No: | DAY A LS 012 | | County, State: | San Juan County, NM |
| API No: | 30-045-20812 | | Revision: | 0 |
| Surface: | BLM | | | |
| Date: | 4/16/18 | | | |

This document outlines the final reclamation plan for the DAY A LS 012 well site, API 30-045-20812, based on the BLM/BP on-site inspection conducted on 4/16/2018 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:

- SIMCOE will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- SIMCOE will notify the BLM forty-eight (48) hours prior to commencing earthwork.
- SIMCOE will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application.
- All underground production piping on the well site belonging to SIMCOE, associated with the DAY A LS 012 well, will be removed or abandoned-in-place if at depths greater than 36 inches.
- SIMCOE power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the DAY A LS 012 identified during site visit.
- All rig anchors found on location belonging to the DAY A LS 012 will be removed.
- Disturbance will be limited to the well site and edge of well pad and access road boundaries. Disturbance will be limited to disturbance required to remove equipment and piping related to the DAY A LS 012 well.
- All surface equipment associated with the DAY A LS 012 identified and belonging to SIMCOE on location at time of P&A will be removed from location.
- SIMCOE will inform Enterprise of BLM/BIA equipment removal requests and when the DAY A LS 012 P&A marker has been set.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations.

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 attached photos.

- Temporary and / or permanent storm water and erosion control BMP's will be employed at appropriate locations around the pad as dictated by local drainage patterns and

Well name and no: Day A LS 012
API No. 30-045-20812

expected areas of disturbance, slopes and across the access road. BMP's selection will be determined by local factors and will be a combination of sediment and erosion controls that are deemed effective and low maintenance. Straw wattles, diversion ditches, mulch, soil blankets, and/or other suitable BMP's may be used in various combinations, as appropriate, during and after construction activities. Any temporary means to control storm water will be removed before final reclamation is achieved.

- Vegetation and approximately 6 inches of soil will be stripped and stockpiled to use after grading operations to facilitate re-vegetation.
- Gravel on the well site surface will be removed.
- BGT on location will be properly closed per NMOCD Rules and the area will be reclaimed along-side the entire well pad.
- Fill material on the location will be used to reclaim the site to near original and natural topography as is practical. The pad will be ripped and will just be disc 4-6 inches to break any clods and prepare the location for seeding. This locations reclamation will include the road leading to the well site.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Natural drainage patterns will be established when possible and practical. Additional means for ensuring proper drainage, such as water bars or diversion ditches, may be employed. The natural drainage patterns already in existence will be maintained and enhanced with the fill material on site.
- Disturbed areas will be prepared for seeding.
- A seed drill will be utilized to create a firm bed.
- After the site has been prepared, the location will be seeded using appropriate equipment.
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedure C.

Access Road Reclamation:

The road into this location will be fully reclaimed.

Re-vegetation:

The planned, initial seed mixture and application rates for the Sage Community identified during the site visit will be as follows. The seed application rates may be adjusted according the based upon method of application.

| Species of seed | Pound/Acre (PLS) |
|---|---|
| Rubber rabbitbrush (Ericameria nauseosa) | 3.0 |
| Wyoming sagebrush (Artemisia tridentate ssp. Wyomingensis) | 3.0 |
| Four-wing saltbush (Atriplex canescens) | 4.0 |
| Bottlebrush squirreltail (Elymus elymoides) | 4.0 |

Well name and no: Day A LS 012
API No. 30-045-20812

| | |
|---|---|
| Indian ricegrass (Achnatherum hymenoides) | 3.5 |
| Sand dropseed (Sporobolus cryptandrus) | 0.5 |
| Needle and thread (Hesperostipa comate) | 2.5 |
| Scarlet globemallow (Sphaeralcea coccinea) | 0.25 |
| Prairie aster (Machaeranthera tanacetiflolia) | 0.25 |
| Blanket flower (Gaillardia pulchella or G aristata) | 0.25 |
| Galleta (Pleuraphis jamesii) | 3.0 |
| Antelope bitterbrush (Purshia tridentate) | 3.0 |
| Winterfat (Krascheninnikovia lanata) | 2.0 |

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding upon request.

Seeding will occur as soon as reasonably possible following completion of earthwork activities and timed for successful germination.

To prepare the site for seeding, only the seed drill will be necessary to create a firm bed. The seed mix is designed to be applied at 60 Total PLS per square foot which will ensure adequate stand density and diversity. Seeding will be completed using a no-till drill or Brillion drill seeder, this method allows for the handling of a wide variety of seed types and sizes in addition to establishing good seed to soil contact without undo disruption of the soil surface. Using a no till or Brillion drill also provides proper seed planting depth which will be approximately 1/8 inch.

Weed Management:

SIMCOE's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation. No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by a properly licensed contractor and within full compliance of all federal and state laws and regulations.

Weed management and control will be performed in an environmental conscious manner using BMP's.

Monitoring:

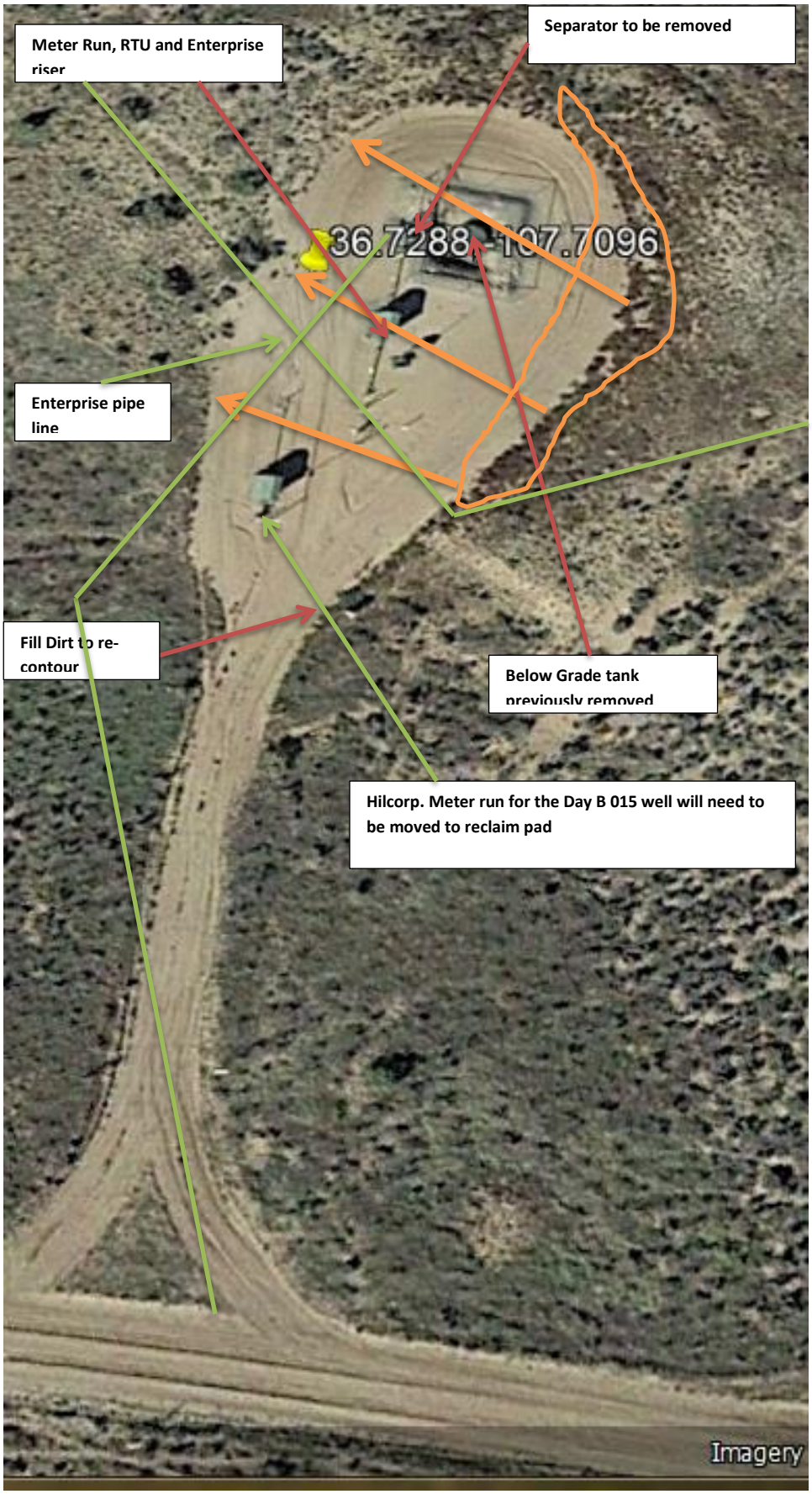
SIMCOE will submit a Sundry Notice informing the BLM the earthwork and seeding is completed and requesting a joint inspection to examine the site.

Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

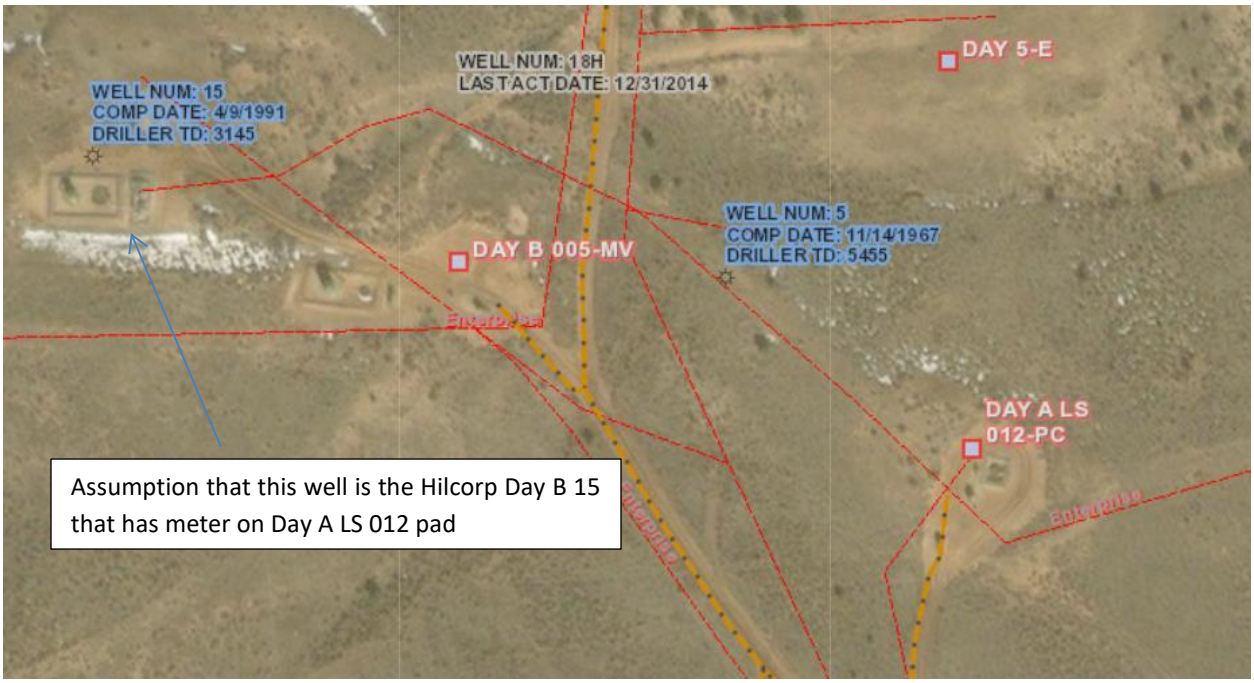
Well name and no: Day A LS 012
API No. 30-045-20812
Attachments:

- Reference photos of location taken on 4/11/2018.
- P&A Field Inspection Sheet performed on 4/11/2018.
- Aerial of location with short description of reclamation plan.

Well name and no: Day A LS 012
API No. 30-045-20812



Well name and no: Day A LS 012
API No. 30-045-20812



Well name and no: Day A LS 012
API No. 30-045-20812

# 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 $H_2S$.

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. | Day A LS 12 | | | Surf. Loc. | 1190 FNL | 800 FEL | |
| US Well No. | 30-045-20812 | | | | Sec. 18 | T. 29N R. 08W | |
| Lease No. | NMSF078414 | | | | | | |
| Agrmt # | | | | County | San Juan | State | New Mexico |
| Operator | SIMCOE LLC | | | Formation | Blanco Pictured Cliffs | | |
| TVD | 3203 | PBTD | 3195 | Elevation KB | NA | | |
| Elevation GL | 6421 | | | | | | |

| **Geologic Formations** | **Est. tops** | **Remarks** |
|---|---|---|
| Nacimiento | 677 | Fresh water sands |
| Ojo Alamo Ss. | 1960 | Aquifer (possible freshwater) |
| Kirtland Fm. | 2104 | |
| Fruitland Fm. | 2728 | Coal/gas/possible water |
| Pictured Cliffs | 3049 | Possible gas/water |

Remarks:

A 2018 plugging procedure has already been approved for this well when the operator was BP American Production Company. The 2018 review, the available induction log, and reference well supports the formation top locations provided by SIMCOE LLC. No changes. Work will be required to be completed by December 1, 2024.

Reference Well:

Day B 5
US Well No. 30-045-08374
Sec 18 T. 29N R. 8W
San Juan County, New Mexico

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

AFMSS 2 Sundry ID 2789775

Attachment to notice of Intention to Abandon

Well: Day A LS 12

CONDITIONS OF APPROVAL

1. Plugging work must be completed by December 1, 2024.

2. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

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 05/15/2024

**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
**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 346319

## CONDITIONS

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>346319 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| mkuehling | CIBP needs to be within 50 feet of top perforation CIBP at 2944 needs to be removed -Notify NMOCD 24 hours prior to moving on - monitor string pressures daily report on subsequent - Submit all logs prior to subsequent | 5/23/2024 |