

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

10/13/2023

Well Name: PET INC	Well Location: T28N / R15W / SEC 26 / NENW / 36.63969 / -108.40614	County or Parish/State: SAN JUAN / NM
Well Number: 10	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: SHIPROCK
Lease Number: 14206032015	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004522551	Well Status: Gas Well Shut In	Operator: NAVAJO NATION OIL & GAS COMPANY

Notice of Intent

Sundry ID: 2756320

Type of Submission: Notice of Intent

Date Sundry Submitted: 10/12/2023

Date proposed operation will begin: 10/12/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 03:43

Procedure Description: NNOG intends to plug and abandon the subject well. Attached are the P&A procedure, WBD and reclamation plans.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pet_Inc_CDP_Site_Reclamation_Plan_20231012154229.pdf

Pet_Inc_10_Reclamation_Plan_20231012154220.pdf

Pet_Inc_10_PA_Procedure_WBD_20231012154151.pdf

Well Name: PET INC**Well Location:** T28N / R15W / SEC 26 /
NENW / 36.63969 / -108.40614**County or Parish/State:** SAN
JUAN / NM**Well Number:** 10**Type of Well:** CONVENTIONAL GAS
WELL**Allottee or Tribe Name:**
SHIPROCK**Lease Number:** 14206032015**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3004522551**Well Status:** Gas Well Shut In**Operator:** NAVAJO NATION OIL
& GAS COMPANY

Conditions of Approval

Specialist Review

2756320_NOIA_10_3004522551_KR_10132023_20231013093921.pdf

General_Requirement_PxA_20231013093842.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: ARLEEN SMITH**Signed on:** OCT 12, 2023 03:42 PM**Name:** NAVAJO NATION OIL & GAS COMPANY**Title:** Regulatory Specialist**Street Address:** 332 RD 3100**City:** AZTEC**State:** NM**Phone:** (505) 327-4892**Email address:** ARLEEN@WALSHENG.NET

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 Date:** 10/13/2023

P&A Procedure**Navajo Nation Oil and Gas Company – Pet INC #10**

Ojo Fruitland Sand

790' FNL & 1,850' FWL, Section 26, T28N, R15W

San Juan Co, New Mexico, API #30-045-22551

Plug & Abandonment Procedure:

Note: All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 1.15 ft³/sk or equivalent. Cement circulated on surface casing. Unknown TOC on 3.5" 7.7# production casing string. Volumes calculated off 3.5" 7.7# tubing. Procedure determined from calculated TOC @ 233' with the understanding it may be modified based on the CBL results.

Prior to Mobilization

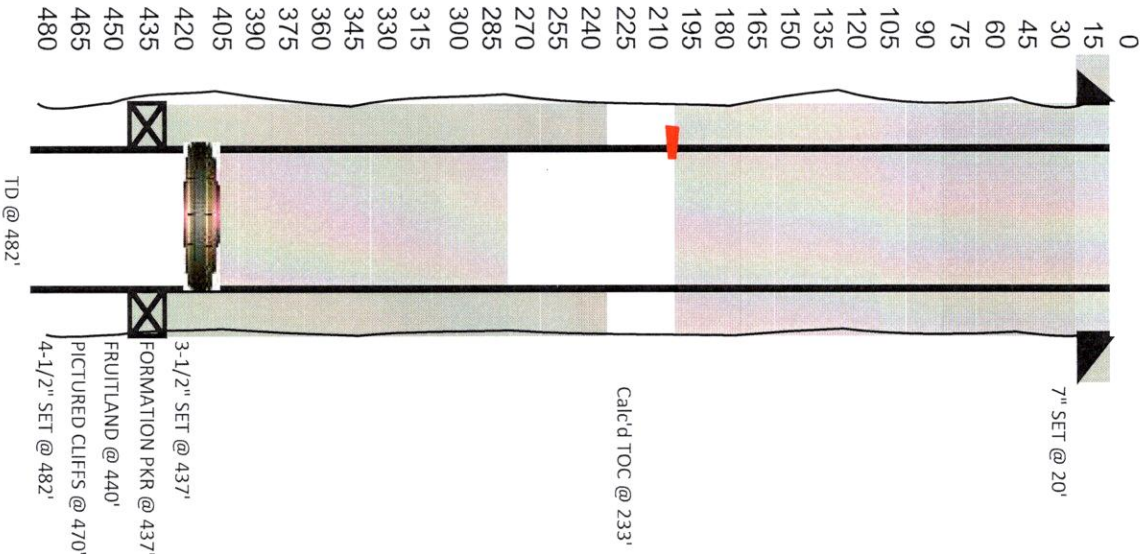
1. Notify BLM & NMOCD & NNOG
2. Verify all cement volumes based on actual slurry to be pumped. Calculations based on 1.15 ft³/sk.
3. Comply with all COA's from BLM and NMOCD

P&A Procedure

1. MIRU Pulling unit.
2. Dress rig with 1-1/2" handling tools.
3. Pull 36 jnts 1-1/2" 2.7# tubing. RDMO PU.
4. MIRU WL
5. ND WH, Tie on to WH with WL pack off.
6. RIH with junk basket / Gauge Ring to 700'
7. RIH w/ WL set 3.5" bridge plug/retainer at 387'
8. Top fill hole with water
9. Run CBL
10. **Plug #1, 287' - 387' (4-1/2" 437'-482') Fruitland Top @ 440':** Dump bail 6 sxs (6.9 cf) Class G Neat in multiple runs.
11. Perforate 50-100' above TOC as previously determined in step 7.
12. RDMO WL.
13. **Plug #2, Surface – 183': Surface shoe @ 20'. (TOC estimated 233', Perfs estimated 183').** Tie onto WH. Establish circulation up 5.0" * 7-5/8" annulus. Mix and pump 36 sxs (41.1 cf) Class G or until good cement returns. WOC and ensure no fall back. Top-off cement if necessary.

14. NDBOP and cut off wellhead below surface casing flange, top off casing and annulus as necessary. Install P&A marker and cut off and/or remove anchors. RD, MOL - Restore location per BLM stipulations. Take pictures from all cardinal directions. Ensure to notify project management of all remaining equipment on location once plugging is complete.

Kyle T. Mason
Engineer



WELL: PET INC 10	COUNTY: SAN JUAN	API #: 30-045-22551
FIELD: OJO FRUITLAND SAND	STATE: NM	SPUD: 5/26/1977
FORMATION: PICTURED CLIFFS	LOCATION: 790' FNL & 1,850' FWL, SEC 26, T28N, R15W	
TD: 482'	PBTD: 482'	ELEV G/L: 5,555'
		ELEV RKB: UNK

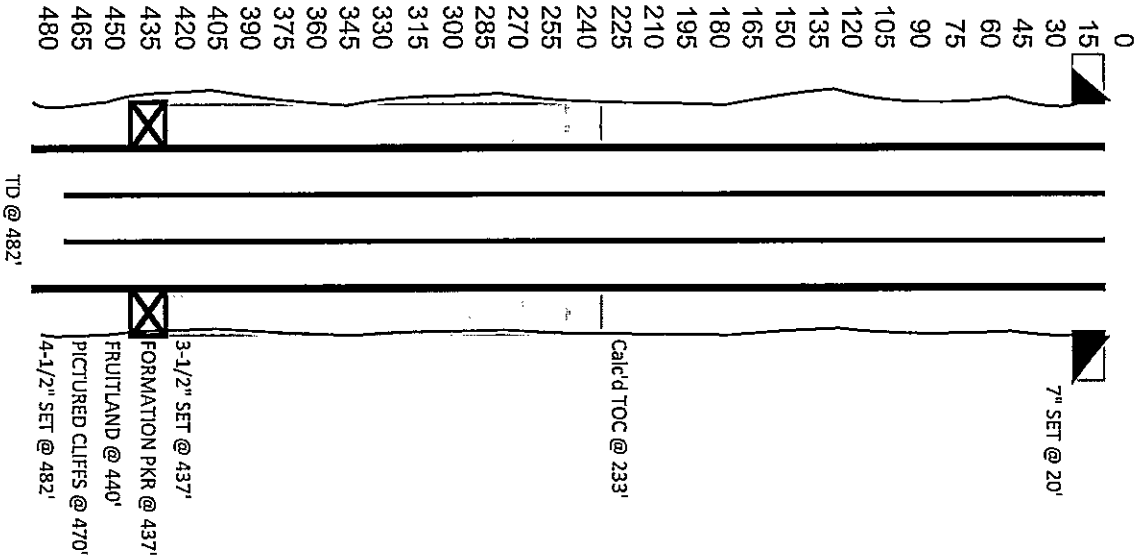
CASING RECORD							
SURFACE CASING							
OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	TOP CMT
7"	20#		LTC	SURF	20	1	SURF

PRODUCTION CASING							
OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	TOP CMT
3-1/2"	7.7#	8V LP	UNK	0	437	23	
4-1/2"				437	482		

Plug #2: Surface - TOC 2-7/8" * 4-1/2" annulus (EST: Surface - 183')
 Perforate 3 spf 50' above TOC from CBL (Perfs estimated 183' / TOC estimated @ 233')
 Circulate: 36 sxs Class G Neat (41.1 ft³)

Set retainer at 387'
 Plug #1: PC / Fruitland
 287' -387'
 Dump bail: 6 sxs Class G Neat (6.9 ft³)

PREPARED BY J. WRIGHT 8/7/2023
 LAST WO UPDATE: 12/16/2010



WELL: PET INC 10	COUNTY: SAN JUAN	API #: 30-045-22551
FIELD: OJO FRUITLAND SAND	STATE: NM	SPUD: 5/26/1977
FORMATION: PICTURED CLIFFS	LOCATION: 790' FNL & 1,850' FWL, SEC 26, T28N, R15W	
TD: 482'	PBTD: 482'	ELEV G/L: 5,555'
		ELEV RKB: UNK

CASING RECORD							
SURFACE CASING							
OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	TOP CMT
7"	20#		LTC	SURF	20	1	SURF

PRODUCTION CASING							
OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	TOP CMT
3-1/2"	7.7#	8V LP	UNK	0	437	23	10
4-1/2"				437	482		

TUBING					
OD	WT/FT	GRADE	THD	TOP	BTM
1-1/2"	2.76#	J-55			462'

PERFORATION RECORD					
DATE	TOP	BOTTOM	SPF	ZONE	STATUS
	437'	482'	OH	PICTURED CLIFFS	OPEN

STIMULATION RECORD					
DEPTH INTERVAL MD	NET-FT	GAL	STIM FLUID		GAL-NET FT
437'	45'				

REMARKS					

TUBING DETAIL				GEOLOGIC TOPS	
TUBING	LENGTH	BOTTOM		FRUITLAND	MD
	453.90	452.90			440

PREPARED BY J. WRIGHT 8/7/2023
LAST W/O UPDATE: 12/16/2010

TUBING	10.67	463.57	PICTURED	470
GAS ANCHOR/ MULE SHOE	21.50	485.07		
OTHER:			COMPLETION SUMMARY	
LEASE #:	14-20-603-		4-1/2" PROD	
PUMPING				
PUMP:	1-1/2" X 1-			

RECLAMATION PLAN

for

Pet Inc #10
790' FNL & 1850' FWL
Sec. 26, T28N, R15W
San Juan County, New Mexico

Prepared for

Navajo Nation Oil & Gas Company (NNOG)

October 2023



Created by:

Arleen Smith



332 Rd 3100
Aztec, New Mexico 87410
Phone: (505) 327-4892

Table of Contents

Introduction.....	3
Revision of the Reclamation Plan	3
Project Description	3
Estimated Total Area of Disturbance	3
Site Visit	4
Vegetation Community	4
Weed Survey	4
Soil Evaluation	4
Reclamation Techniques for Successful Revegetation.....	4
Topsoil Replacement.....	4
Water Management/Erosion Control Features	5
Soil Amendments	5
Mulching	5
Noxious and Invasive Weed Control.....	5
Monitoring Requirements.....	6
Post Reclamation Monitoring Initiation	6
Annual Monitoring	6
Attainment of Vegetation Reclamation Standards.....	6
Long-Term Monitoring	6
Final Abandonment	6
Cessation of Monitoring.....	7
References	7

Applicant	Navajo Nation Oil & Gas Company
Project Type	Reclamation of a natural oil well site.
Well, Oil and Gas Lease, or Right-of-Way (ROW) Name	Pet Inc #10
Legal Location	790' FNL 1850' FWL Section 26, Township 28 North, Range 15 West San Juan County, NM
Lease Number(s)	14-20-603-2015

Introduction

This reclamation plan has been prepared to meet the requirements and guidelines of the Bureau of Land Management (BLM) Farmington Field Office (FFO) Bare Soil Reclamation Procedures (BLM 2013a) and Onshore Oil and Gas Order No. 1.

Walsh Engineering & Production contact person for this Reclamation Plan is:

Arleen Smith
Regulatory Manager
332 Road 3100
Aztec, New Mexico 87410
Phone: (505) 327-4892

Revision of the Reclamation Plan

Navajo Nation Oil & Gas Co. may submit a request to the BLM/FFO to revise the Reclamation Plan at any time during the life of the project in accordance to page 44 of the Gold Book (USDI-USDA 2007). Navajo Nation Oil & Gas Co. will include justification for the revision request.

Project Description

Navajo Nation Oil & Gas Co. will plug and abandon the Pet Inc #10 wellbore and reclaim the well pad. This location is located on lands owned by Navajo Agriculture Products Industry (NAPI) and managed by the Bureau of Indian Affairs (BIA) and oversight by Bureau of Land Management (BLM). Well located 17.3 miles South of Farmington, NM. The Pet Inc #10 is accessed by travelling from West Main St to Murray Dr for 0.9 miles. Turn right onto Indian Rte 36/Upper Fruitland Hwy for 7.2 miles. Turn left onto N 3005 for 4 miles, turn right onto N 3003 for 2.5 miles. Turn left onto N 4093 for 0.9 miles, and the well will be located to the right.

Estimated Total Area of Disturbance

The Pet Inc #10 well pad was originally 71 ft by 73 ft with a maximum 1 ft cut and a maximum of a 1 ft fill. The well location is located on Navajo Agricultural Product Industry (NAPI). Total surface disturbance in conjunction of well pad and pipeline construction that will be reclaimed is approximately 0.47 acres on NAPI land.

Site Visit

The disturbance site visit occurred on October 11, 2023. The following persons were present at the site visit (Table 1).

Table 1 Site Visit Attendees

Name	Affiliation	Contact Info
Clay Green	Walsh Engineering	505-320-7713
Michael Dean	Walsh Engineering	505-860-0481
Chris Bengfort		505-793-5741
Randy McKee	BLM	505-360-1433
Bertha Spencer	BIA	505-863-8336
Belinda Chee	NN- GLDD	928-206-7119
Alysse Pablo	NAPI	505-566-2600
Jon Wright	NNOG	720-412-4963
Rachael Dahozy	NNOG	505-399-8535

Vegetation Community

Based on observations made during the pre-disturbance site visit, it has been determined that the vegetation community which best represents the proposed project area is classified as Badlands community.

Weed Survey

During the site visit, the proposed action area was surveyed for noxious weeds listed on the New Mexico Department of Agriculture's Class A and Class B list. During the survey, no noxious weeds were found.

Soil Evaluation

Unless any stained soil is discovered during the surface reclamation, no soil testing will be necessary.

Reclamation Techniques for Successful Revegetation Site Clearing

After the well is plugged and abandoned, the below-ground marker was installed with a steel plate welded onto the abandoned well's surface three feet below the ground surface with all the information stenciled into the steel plate. Plug and cap pipeline or remove if not 6-foot below ground surface. End result NAPI Farmington can occur within the entire circle.

Topsoil Replacement

No topsoil was stockpiled during the original construction of the well pad. The remaining location will be re-contoured to match the natural topography. Walsh Engineering & Production (and its contractor) will take care not to mix topsoil with the underlying subsoil horizons. Topsoil and sub- surface soils will be replaced in the proper order, prior to final seedbed preparation.

Water Management/Erosion Control Features

Based on the site visit with the Bureau Land Management representative(s) and the Walsh Engineering & Production representative determined there was no need to develop any other site-specific erosion control or water management features than the planned silt trap. Based on the topography natural run off can occur with no impact as far as erosion is concerned.

Walsh Engineering & Production (or its contractors) will use erosion control blankets, straw bales, or straw wattles as appropriate to limit erosion and sediment transport from any stockpiled soils.

Soil Amendments

Based on information gathered at the onsite inspection, the Walsh Engineering & Production and Bureau Land Management representatives have decided collaboratively that no soil amendments will be used during reclamation of the affected environment.

Mulching

Based on the onsite, mulching will be needed by hand seeding with hydro-mulch, excelsior netting, and/or mulch with netting could be utilized on cut and fill slopes. Mulch should be grass or straw spread at 2,000 to 3,000 pounds per acre, or approximately 1 to 2 inches deep. Mulching will consist of crimping certified weed-free straw or certified weed-free native grass hay into the soil.

Straw or native grass hay mulch can be applied by hand broadcasting or blowing to a relatively uniform depth of 2 to 3 inches, equivalent to a rate of approximately 2 tons per acre (one 74-pound bale per 800 square feet). When applied properly, approximately 20 to 40 percent of the original ground surface will be visible.

Straw or native grass hay mulch will then be anchored using one of the following methods:

Hand Punching - a spade or shovel is used to punch mulch into the topsoil at 1-foot intervals until all areas have mulch standing perpendicular to the slope and the mulch is embedded at least 4 inches into the soil.

Roller Punching - a roller is used to spread mulch over an area; the roller is equipped with straight studs not less than 6 inches long, from 4 to 6 inches wide, and approximately 1 inch thick.

Crimper Punching - similar to roller punching, a crimper is used over the soil. The crimper has serrated disk blades about 4 to 8 inches apart that force the mulch into the soil.

Crimping should be done in two directions with the final pass across the slope.

Mulch applications in extremely clayey soils should be evaluated carefully to avoid developing an adobe mixture. In these cases, a soil amendment may be beneficial.

Noxious and Invasive Weed Control

Should noxious or invasive weeds be documented after earthwork and seeding activities, Walsh Engineering & Production will contact BLM for a management and development plan for noxious or invasive weed.

Monitoring Requirements

Monitoring activities will be initiated after the project is completed, during the post-disturbance earthwork and seeding inspection process. Operator will contact BLM/BIA when ready for Final Abandonment Notice (FAN) inspection.

Post-Reclamation Monitoring Initiation

After the well has been plugged and the reclamation work and seeding have been completed, a post-disturbance inspection at the project site will occur. The operator will contact BLM to initiate an onsite inspection.

Annual Monitoring

If needed, Walsh Engineering & Production will begin annual monitoring of the photo points and the vegetation line point intercept transects 2 calendar years after the completion and approval of the final earthwork and seeding. Monitoring may occur any time of the year. A completed monitoring report of the permanent photo points will be submitted by Walsh Engineering & Production to Bureau Land Management by December 31 of the year the site is monitored. Within 60 days after receipt, the Bureau Land Management will acknowledge that the report has been received and evaluated. Vegetation line point intercept transects will be monitored annually until attainment of vegetation reclamation cover standards have been met. Walsh Engineering & Production will keep a record of the monitoring for future submittal to the Bureau Land Management at reclamation attainment.

Attainment of Vegetation Reclamation Standards

When vegetation on a reclaimed site appears to meet the required percent revegetation standard, Walsh Engineering & Production will submit to the Bureau Land Management a written request for concurrence that revegetation standards have been attained. The request will include all annual transect data sheets and a current set of monitoring photographs. The Bureau Land Management will review the request and approve or deny the request within 60 days of receipt. If the request is denied, the Bureau Land Management may initiate a site inspection within 60 days of the denial to analyze the site and determine if remedy actions may be appropriate.

Long-Term Monitoring

If needed, after the required percent revegetation standard has been attained, Walsh Engineering & Production will begin long-term monitoring per BLM directions.

Final Abandonment

Revegetation percent cover standards will be attained, documented, and submitted to the Bureau Land Management by Walsh Engineering & Production or an exception granted before the Bureau Land Management will approve a final abandonment notice (FAN) or relinquishment.

Upon final reclamation, the location will be returned to pre-disturbance conditions as practicable.

Cessation of Monitoring

Monitoring requirements will remain in effect as long as the permit, grant, or authorization remains in effect and until all infrastructure or associated facilities are abandoned by established BLM procedure and a FAN or relinquishment is issued by the Bureau Land Management. Walsh Engineering & Production will document that percent cover standards have been attained when submitting a request for a FAN or relinquishment.

References

43 CFR Part 3160, "Onshore Oil and Gas Order No. 1; Onshore Oil and Gas Operations; Federal and Indian Oil and Gas Leases; approval of Operations," 72 Federal Register 44 (March 2007), pp. 10328- 10338.

U.S. Department of the Interior, U.S. Department of Agriculture (USDI, USDA). 2007. Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development. BLM/WO/ST-06/021+307/REV07. Bureau of Land Management, Denver, Colorado. 84

RECLAMATION PLAN

for

Pet Inc CDP Site
Lat: 36.629009
Long: -108.391833
San Juan County, New Mexico

Prepared for

Navajo Nation Oil & Gas Company (NNOG)

October 2023



Created by:

Arleen Smith



332 Rd 3100
Aztec, New Mexico 87410
Phone: (505) 327-4892

Applicant	Navajo Nation Oil & Gas Company
Project Type	Reclamation of a natural oil well site.
Well, Oil and Gas Lease, or Right-of-Way (ROW) Name	Pet Inc CDP Site
Legal Location	Lat: 36.629009 Long: -108.391833 San Juan County, NM
Lease Number(s)	14-20-603-2015

Introduction

This reclamation plan has been prepared to meet the requirements and guidelines of the Bureau of Land Management (BLM) Farmington Field Office (FFO) Bare Soil Reclamation Procedures (BLM 2013a) and Onshore Oil and Gas Order No. 1.

Walsh Engineering & Production contact person for this Reclamation Plan is:

Arleen Smith
Regulatory Manager
332 Road 3100
Aztec, New Mexico 87410
Phone: (505) 327-4892

Revision of the Reclamation Plan

Navajo Nation Oil & Gas Co. may submit a request to the BLM/FFO to revise the Reclamation Plan at any time during the life of the project in accordance to page 44 of the Gold Book (USDI-USDA 2007). Navajo Nation Oil & Gas Co. will include justification for the revision request.

Project Description

Pet Inc CDP Site, location is located on lands owned by Navajo Agriculture Products Industry (NAPI) and managed by the Bureau of Indian Affairs (BIA) and oversight by Bureau of Land Management (BLM). Pet Inc CDP site is located 17.9 miles South of Farmington, NM. The Pet Inc CDP Site is accessed by travelling from West Main St to Murray Dr for 0.9 miles. Turn right onto Indian Rte 36/Upper Fruitland Hwy for 7.2 miles. Turn left onto N 3005 for 3.1 miles, continue onto N 30055 for 0.3 miles. Continue onto N 3005 for 0.7 miles, turn right onto N 3003 for 2.5 miles. Turn left onto N 4093 for 1.5 miles and the CDP site will be located to the left.

Site Visit

The site visit occurred on October 11, 2023. The following persons were present at the site visit (Table 1).

Table 1 Site Visit Attendees

Name	Affiliation	Contact Info
Clay Green	Walsh Engineering	505-320-7713
Michael Dean	Walsh Engineering	505-860-0481
Chris Bengfort		505-793-5741
Randy McKee	BLM	505-360-1433
Bertha Spencer	BIA	505-863-8336
Belinda Chee	NN- GLDD	928-206-7119
Alysse Pablo	NAPI	505-566-2600
Jon Wright	NNOG	720-412-4963
Rachael Dahozy	NNOG	505-399-8535

Reclamation Techniques for Successful Revegetation Site Clearing

Removal of entire surface equipment associated with pipeline system needing to be removed, dragging pipeline, if at all possible, for least disturbance. Treat all disturbed areas for Halogeton, erosion control, if needed and gate off road entry. Closure of road TBD by NAPI. Removal of gravel and haul to adjacent access road highway entry.

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

AFMSS 2 Sundry ID 2756320

Attachment to notice of Intention to Abandon

Well: PET INC 10

BLM geology review was not done. Shallow well with no raster log data available. Proposed procedure is appropriate for the area.

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. 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 10/13/2023

**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 H₂S.

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.

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 276032

CONDITIONS

Operator: NNOGC EXPLORATION AND PRODUCTION, LLC P.O. Box 4439 Window Rock, AZ 86515	OGRID: 292875
	Action Number: 276032
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	for record only	10/26/2023