

Well Name: PET INC

Well Location: T28N / R15W / SEC 26 /  
SWNE / 36.63673 / -108.40141County or Parish/State: SAN  
JUAN / NM

Well Number: 17

Type of Well: CONVENTIONAL GAS  
WELLAllottee or Tribe Name:  
SHIPROCK

Lease Number: 14206032015

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004522552

Well Status: Gas Well Shut In

Operator: NAVAJO NATION OIL  
& GAS COMPANY**Notice of Intent**

Sundry ID: 2756384

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/13/2023

Time Sundry Submitted: 11:58

Date proposed operation will begin: 10/13/2023

**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\_20231013115815.pdf

Pet\_Inc\_17\_Reclamation\_Plan\_20231013115806.pdf

Pet\_Inc\_17\_PA\_Procedure\_WBD\_20231013115740.pdf

**Well Name:** PET INC**Well Location:** T28N / R15W / SEC 26 / SWNE / 36.63673 / -108.40141**County or Parish/State:** SAN JUAN / NM**Well Number:** 17**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:** 3004522552**Well Status:** Gas Well Shut In**Operator:** NAVAJO NATION OIL & GAS COMPANY

### Conditions of Approval

#### Specialist Review

2756384\_NOIA\_17\_3004522552\_KR\_10132023\_20231013162307.pdf

General\_Requirement\_PxA\_20231013162259.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 13, 2023 11:58 AM**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 #17****Ojo Fruitland Sand****1,850' FNL & 2,000' FEL, Section 26, T28N, R15W****San Juan Co, New Mexico, API #30-045-22552****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 ft<sup>3</sup>/sk or equivalent. Cement circulated on surface casing. Unknown TOC on 3-1/2" 7.7# production casing string. Volumes calculated off 3-1/2" 7.7# tubing. Procedure determined from calculated TOC @ 260' 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 ft<sup>3</sup>/sk.
3. Comply with all COA's from BLM and NMOCD

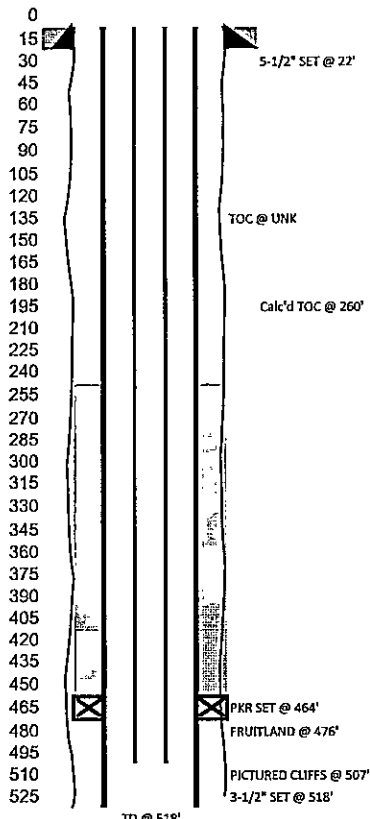
**P&A Procedure**

1. MIRU Pulling unit.
2. Dress rig with 1-1/4" handling tools.
3. Pull 16 jnts 1-1/4" 2.3# 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 430'
7. RIH w/ WL set 3-1/2" bridge plug/retainer at 414'
8. Top fill hole with water
9. Run CBL
10. Plug #1, 314' - 414' (4-1/2" OH packer @ 464'. Casing set @ 518') Fruitland Top @ 476': 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 – 210': Surface shoe @ 22'. (TOC estimated 260', Perfs estimated 210'). Tie onto WH. Establish circulation up 3-1/2" \* 5-1/2" annulus. Mix and pump 40 sxs (46 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.

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Kyle T. Mason  
Engineer



PREPARED BY J. WRIGHT 8/8/2023  
LAST UPDATE:

WELL: PET INC 17	COUNTY: SAN JUAN	API #: 30-045-22552
FIELD: OJO FRUITLAND SAND	STATE: NM	SPUD: 6/3/1977
FORMATION: PICTURED CLIFFS	LOCATION: 1,850' FNL & 2,000' FEL, SEC 26, T28N, R15W	
TD: 518'	PBTD: 518'	ELEV G/L: 5,575'
		ELEV RKB:

## CASING RECORD

## SURFACE CASING

OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	BIT SZ	SX CMT	TOP CMT
5-1/2"	14	UNK	STC	SURF	22	1	7-7/8"	5	SURF

## PRODUCTION CASING

OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	BIT SZ	SX CMT	TOP CMT
3-1/2"	7.7	10V LP	EUE	0	518		4-3/4"	10	

## TUBING

OD	WT/FT	GRADE	THD	TOP	BTM	NO JTS	BIT SZ
1-1/4"	2.3	J-55			489'	16	

## PERFORATION RECORD

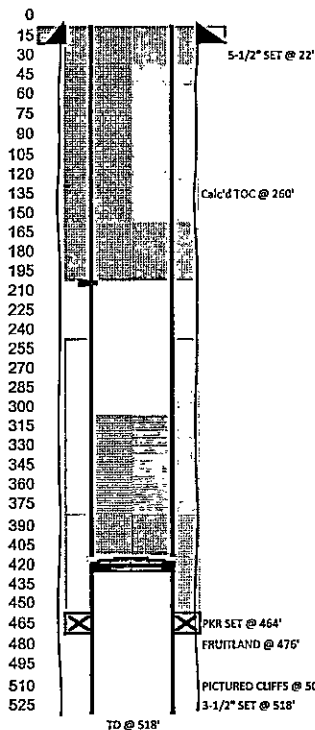
DATE	TOP	BOTTOM	SPF	ZONE	STATUS
	468'	518'		PICTURED CLIFFS	OPEN

## STIMULATION RECORD

DEPTH INTERVAL MD	NET-FT	GAL	STIM FLUID	GAL-NET FT
468 518	50			

## REMARKS

TUBING DETAIL	LENGTH	BOTTOM	GEOLOGIC TOPS	MD	TVD
			FRUITLAND	476'	
			PICTURED CLIFFS	507'	
OTHER:			COMPLETION SUMMARY		
LEASE #: 14-20-603-2015			3-1/2" SET @ 518' W/ROBINSON OPENHOLE PKR SET @ 464'		
PUMPING UNIT: N/A			CEMENTED 10 SX ABOVE PKR		
PUMP: N/A					



WELL: PET INC 17	COUNTY: SAN JUAN	API #: 30-045-22552
FIELD: OJO FRUITLAND SAND	STATE: NM	SPUD: 6/3/1977
FORMATION: PICTURED CLIFFS	LOCATION: 1,850' FNL & 2,000' FEL, SEC 26, T28N, R15W	
TD: 518'	PSTD: 518'	ELEV G/L: 5,575' ELEV RKB:

CASING RECORD									
SURFACE CASING									
OD	WT/FT	GRADE	THD	TOP	BTM	NO ITS	BIT SZ	SK CMT	TOP CMT
5-1/2"	14	UNK	STC	SURF	22	1	7-7/8"	5	SURF

PRODUCTION CASING									
OD	WT/FT	GRADE	THD	TOP	BTM	NO ITS	BIT SZ	SK CMT	TOP CMT
3-1/2"	7.7	10V LP	EUE	0	518		4-3/4"	10	

TUBING

Plug #2: Surface - TOC 3-1/2" \* 6-1/4" annulus (EST: Surface -210')  
 Perforate 3 spf 50' above TOC from CBL (Perfs estimated 210' / TOC estimated @ 260')

3.5 0.05134  
 3.5 \* 4.75 0.0562

Circulate: 40 sxs Class G Neat (46 ft<sup>3</sup>)

Set retainer at 414'  
 Plug #1: PC / Fruitland  
 314' -414'  
 Dump ball: 6 sxs Class G Neat (6.9 ft<sup>3</sup>)

3.5 0.05134  
 3.5 \* 4.75 0.0562  
 3.5 \* 6.25 0.1462

PREPARED BY J. WRIGHT 8/8/2023  
 LAST UPDATE:

10.7814  
 11.802  
 11.802



# RECLAMATION PLAN

for

Pet Inc #17  
1850' FNL & 2000' FeL  
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

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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 #17
Legal Location	1850' FNL 2000' FEL 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 #17 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 17.5 miles South of Farmington, NM. The Pet Inc #17 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 1.1 miles, and the well will be located to the right.

### **Estimated Total Area of Disturbance**

The Pet Inc #17 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

<b>Name</b>	<b>Affiliation</b>	<b>Contact Info</b>
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. Rip and seed (seed mix TBD by NAPI). Fence off entrance with keep off seeded area signage.

### **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 2756384

Attachment to notice of Intention to Abandon

Well: PET INC 17

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 H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), 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 276042

CONDITIONS

Operator: NNOGC EXPLORATION AND PRODUCTION, LLC P.O. Box 4439 Window Rock, AZ 86515	OGRID: 292875
	Action Number: 276042
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	for record only	10/16/2023