



Well Name: CBM 33-29-14

Well Location: T29N / R14W / SEC 33 /  
SENE / 36.68615 / -108.3188County or Parish/State: SAN  
JUAN / NM

Well Number: 6

Type of Well: CONVENTIONAL GAS  
WELLAllottee or Tribe Name:  
EASTERN NAVAJO

Lease Number: N0G10081773

Unit or CA Name:

Unit or CA Number:

US Well Number: 300453529700X1

Well Status: Gas Well Shut In

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

Sundry ID: 2157225

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/16/2021

Time Sundry Submitted: 03:57

Date proposed operation will begin: 04/16/2021

**Procedure Description:** Please find attached the P&A procedure for the referenced well. No reclamation plan attached as BIA and NAPI have approved

**Surface Disturbance**

Is any additional surface disturbance proposed?: No

**NOI Attachments****Procedure Description**

CBM\_33\_29\_14\_6\_\_20210416155727.pdf

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SENW / 36.68615 / -108.3188**County or Parish/State:** SAN  
JUAN / NM**Well Number:** 6**Type of Well:** CONVENTIONAL GAS  
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EASTERN NAVAJO**Lease Number:** NOG10081773**Unit or CA Name:****Unit or CA Number:****US Well Number:** 300453529700X1**Well Status:** Gas Well Shut In**Operator:** NAVAJO NATION OIL  
& GAS COMPANY

### Conditions of Approval

#### Additional Reviews

29N14W33FKpc\_CBM\_33\_29\_14\_6\_20210930102536.pdf

#### Authorized Officer

General\_Requirement\_PxA\_20210930130136.pdf

2157255\_NOIA\_CBM\_33\_29\_14\_6\_3004535297\_KR\_09302021\_20210930130120.pdf

### Operator Certification

*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 submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** VANESSA FIELDS**Signed on:** APR 16, 2021 03:53 PM**Name:** NAVAJO NATION OIL & GAS COMPANY**Title:** Regulatory Manager**Street Address:** 7415 EAST MAIN STREET**City:** FARMINGTON **State:** NM**Phone:** (505) 327-4892**Email address:** VANESSA@WALSHENG.NET

### Field Representative

**Representative Name:** VANESSA FIELDS**Street Address:** 7415 EAST MAIN STREET**City:** FARMINGTON **State:** NM**Zip:** 87402**Phone:** (505)787-9100**Email address:** vanessa@walsheng.net

### BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK**BLM POC Title:** Petroleum Engineer

## P&A Procedure

Navajo Nation Oil & Gas Company – CBM 33-29-14 #6

Basin Fruitland Coal

1480' FNL & 1593' FEL, Section 33, T29N, R14W

San Juan County, New Mexico, API #30-045-35297

### Plug & Abandonment Procedure:

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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 calculation based on 5.5" 15.5# casing. Cement was circulated to surface during primary cement jobs on both the surface and production strings. This well was never completed.

### Prior to Mobilization

1. Notify BLM & NN Minerals Dept
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 & NN Minerals Dept

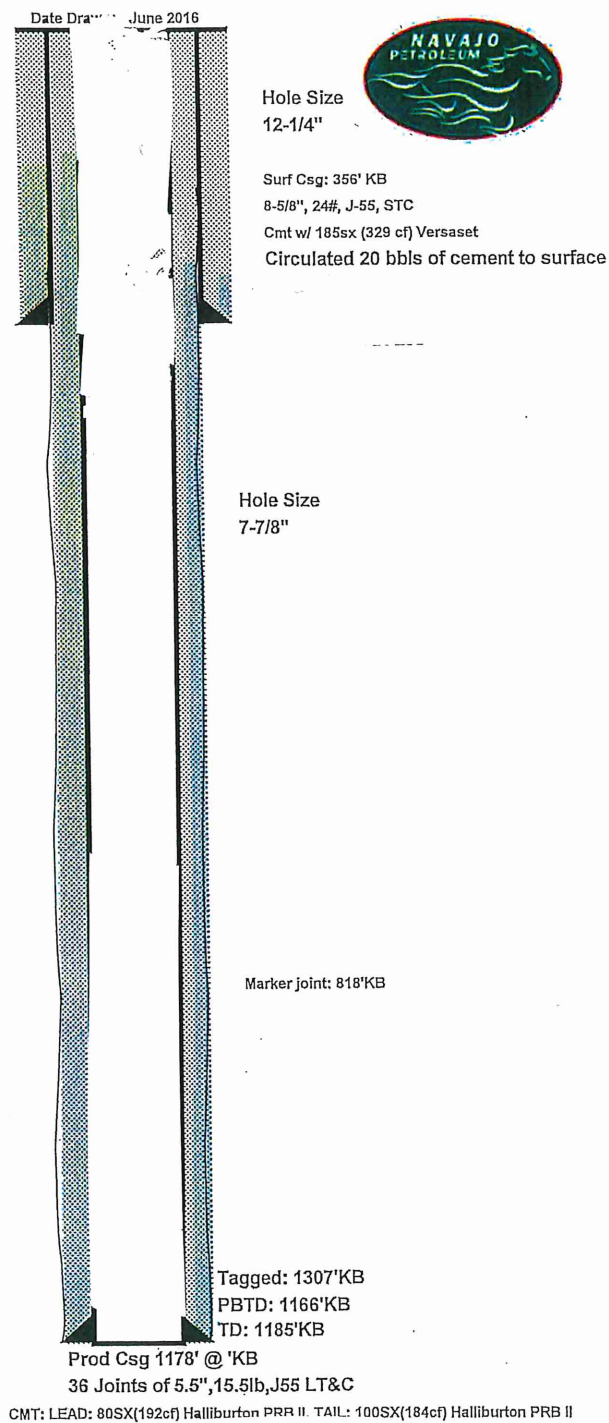
### P&A Procedure

1. MIRU Service rig and cement equipment
2. ND WH, NU BOP, RU rig floor and 2 3/8" handling tools
3. Pressure test casing to 500 psi (note this well was never completed).
4. PU 2-3/8" workstring & TIH to 1059'.
5. **Plug #1, 779' - 1059' (Picture Cliffs Top at 1009', FTC top 879', NO Perfs):** Mix & pump 33 sxs (38 ft<sup>3</sup>) of Class G neat cement (or equivalent) in a balanced plug. PU 100' above TOC and reverse circulate to load casing and clean tubing.
6. **Plug #2, Surface' – 406' (8 5/8" surface casing shoe at 356').** Note: Circulated 20 bbls of cement to surface on primary surface casing cement job. Mix and pump ~50 sxs (57.5 ft<sup>3</sup>) to fill inside of casing. Top off as necessary.
7. ND BOP 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 as directed.

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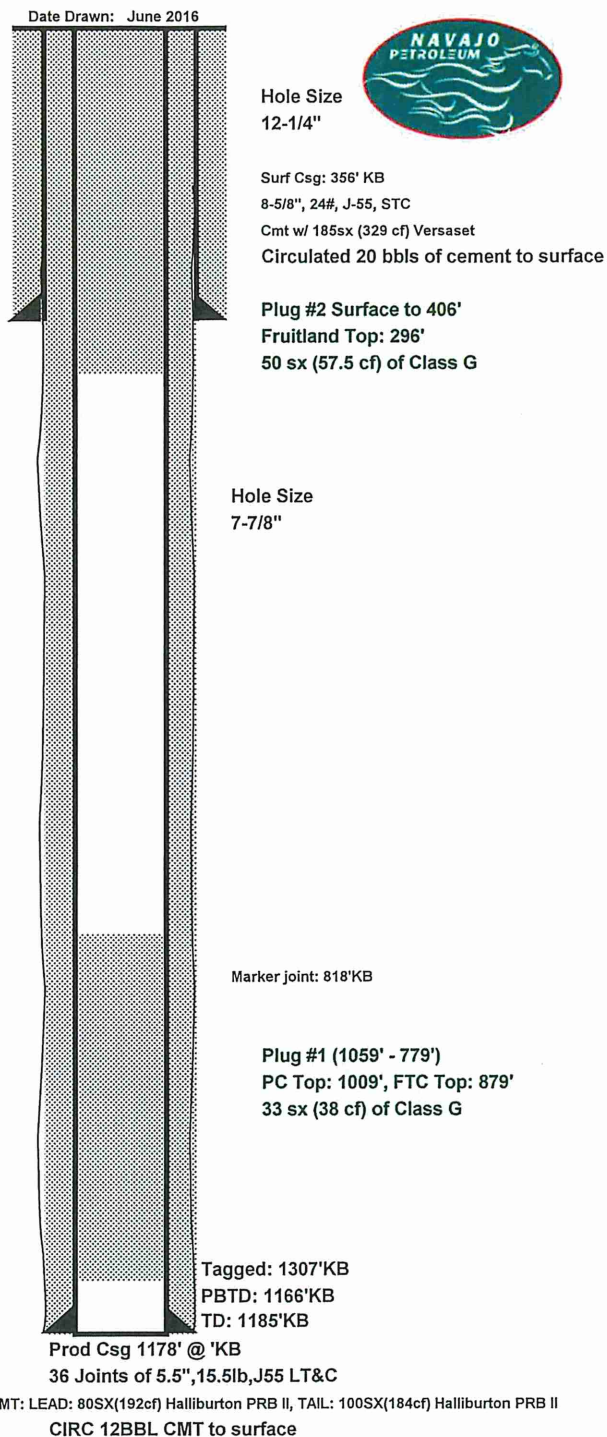
John Thompson  
Engineer

Well/Facility:	CBM 33-29-14 #6	Well Status:	DUC
Operator:	NNOGC	Orig Oper:	NNOGC
Lease/Op Agmt:		Prod Interval:	
Field:	SJB	API #:	30-045-35297
County:	San Juan	GL/KB:	5609' GL (5' KB)
State:	NM	TD:	1185'
Spud:	1/11/2012	PBTD:	1166'
Comp. Date:		LAT:	36.68615
1st Prod:		LONG:	108.3188
Xmas tree:			
Surface Loc:	1480' FNL & 1593' FWL		
Sec-Twn-Rge:	Section 33, T29N, R14W		
Comments:			

[illegible][illegible]



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Sec-Twn-Rge:	Section 33, T29N, R14W		
Comments:			

[illegible][illegible]

# BLM FLUID MINERALS Geologic Report

Date Completed: 6/10/2021

Well No. CBM 33-29-14 #6 (API# 30-045-35297)	Location	1480	FNL &	1593	FEL
Lease No. NO-G-1008-1773	Sec. 33	T29N			R14W
Operator NNOGC Exploration & Production, LLC	County	San Juan	State	New Mexico	
Total Depth 1185'	PBTD 1166'	Formation	Pictured Cliffs (PBTD)		
Elevation (GL) 5609'	Elevation (KB) 5614'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm					Fresh water sands
Ojo Alamo Ss					Aquifer (fresh water)
Kirtland Shale	Surface	656			Possible usable water near surface
Fruitland Fm	656	977			Coal/Gas/Possible water
Pictured Cliffs Ss	977	PBTD			Gas
Lewis Shale					
Chacra					
Cliff House (La Ventana) Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale					
Gallup					O&G/probable water
Sanostee					
Graneros Shale					
Dakota Ss					Gas/potential oil/water
Morrison					Water/possible gas

Remarks:

P & A

- No well log available for the subject well, tops were estimated based on well logs for Reference Well #1.
- BLM formation top estimates vary from tops submitted by Operator.
- Plug #1 (Pictured Cliffs) should be adjusted, or a plug should be added, to cover BLM Fruitland formation top estimate @ 656'.
- This well was never completed.

Reference Well:

1) **Formation Tops**  
Humble Oil  
CCU #34-41  
560' FNL, 560' FEL  
Sec. 34, T29N, R14W  
GL 5781' KB 5792'

Prepared by: Chris Wenman

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

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

**4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**



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

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

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

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

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

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

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

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

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

(October 2012 Revision)



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

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

COMMENTS  
  
Action 61900

COMMENTS

Operator: NNOGC EXPLORATION AND PRODUCTION, LLC 1625 Broadway Denver, CO 80202	OGRID: 292875
	Action Number: 61900
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 11/15/2021	11/15/2021

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CONDITIONS

Action 61900

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	Action Number: 61900
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/15/2021
kpickford	Adhere to BLM approved plugs and COAs (see GEO Report)	11/15/2021