

Well Name: NORDHAUS VR	Well Location: T25N / R7W / SEC 19 / NWNW / 36.390823 / -107.620132	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03602	Unit or CA Name:	Unit or CA Number:
US Well Number: 300390596100S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2732111

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/23/2023

Date Operation Actually Began: 04/06/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 07:37

**Actual Procedure:** Dugan Production P&A'd the well on 04/06/2023-04/13/2023 per the following procedure: 1) MI&RU Aztec 481 rig and Aztec cement. TOO H and laid down 1¼" tubing. PU and tally 2-3/8" work string. Run 5½" casing scraper to 1970'. RIH & set 5½" CIBP @ 1956'. Pictured Cliffs perforations @ 2004'-2272'. Load hole. Pressure test casing to 600 psi for 30 mins. Casing won't test. TOO H & ran CBL from 1956' to surface. Sent copies to OCD/BLM. 2) Spot Plug I inside 5½" casing above CIBP @ 1956' w/24 sks (27.6 cu ft) Class G neat cement from 1956' to cover the Fruitland-Pictured Cliff tops (15.8 #/gal, 1.15 cu ft/sk). Displace w/6.8 bbls. WOC 4 hrs. Tagged TOC @ 1757'. Good tag. Plug I, inside 5½" casing, 24 sks, 27.6 cu ft, Fruitland-Pictured Cliffs, 1757-1956.3) Spot Plug II inside 5½" casing from 1711' w/24 sks Class G neat cement (27.6 cu ft) to cover the Kirtland top. Displace w/5.8 bbls. WOC overnight. Tagged TOC @ 1499'. Good tag. Plug II, inside 5½" casing, 24 sks, 27.6 cu ft, Kirtland, 1499'-1711'. 4) RU Wireline. RIH and shot 3 squeeze holes @ 1450' @ TOC of primary cement job behind 5½" casing. TIH w/5½" CR and set CR @ 1430'. Spot Plug III inside out from 1450' w/54 sks Class G neat cement (62.1 cu ft), 30 sks outside 5½" casing (34.5 cu ft), 2.5 sks below CR inside 5½" casing (2.9 cu ft), & 21.5 sks (24.7 cu ft) above the CR inside 5½" casing. Displaced w/4.5 bbls. WOC 4 hrs. Tagged TOC @ 1181'. Good tag. Plug III, Inside/Outside 5½" casing, 54 sks, 62.1 cu ft, Ojo Alamo, 1181'-1450'. 5) RIH w/wireline and shot 3 squeeze holes at 199'. TIH w/tubing open ended to 217'. Spot Plug IV inside/outside 5½" casing from 217' to surface w/143 sks, 164.5 cu ft, Class G neat cement to circulate cement to surface through BH. Circulate 1 bbl cement to surface through BH. Cut wellhead off. TOC @ 8' inside 5½" casing and 12' in the annulus. Plug IV, Inside/Outside 5½" casing, 143 sks, 164.5 cu ft, Surface, 0-217'. 6) Mix and pump 25 sks, 28.8 cu ft, Class G neat cement to fill up cellar and install dry hole marker. Clean location. RD. Clay Yazzie w/Farmington BLM FO witnessed job. RD Aztec 481 and cement equipment. Well P&A'd 04/13/2023.

Received by OCD: 5/24/2023 8:04:55 AM

Page 2 of 5

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SR Attachments

Actual Procedure

VR\_Nordhaus\_1\_Post\_PA\_wellbore\_schematic\_20230523073259.pdf  
VR\_Nordhaus\_1\_Post\_PA\_procedure\_20230523073249.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: TYRA FEIL	Signed on: MAY 23, 2023 07:33 AM
Name: DUGAN PRODUCTION CORPORATION	
Title: Authorized Representative	
Street Address: PO Box 420	
City: Farmington	State: NM
Phone: (505) 325-1821	
Email address: tyrafeil@duganproduction.com	

Field

Representative Name: ALIPH REENA		
Street Address: PO BOX 420		
City: FARMINGTON	State: NM	Zip: 87499-0420
Phone: (505)325-1821		
Email address: Aliph.Reena@duganproduction.com		

BLM Point of Contact

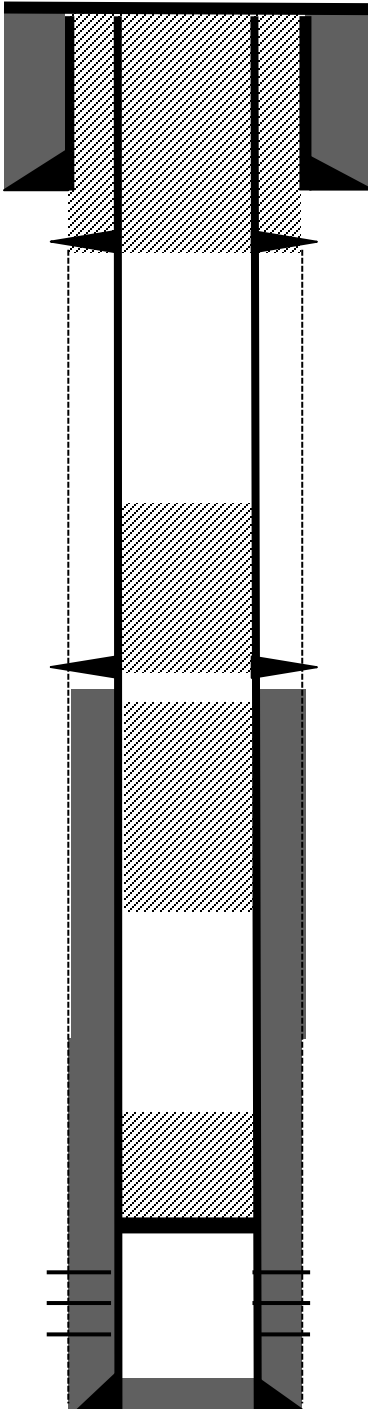
BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 05/24/2023
Signature: Matthew Kade	

Dugan Production P&A'd the well on 04/06/2023-04/13/2023 per the following procedure:

- MI&RU Aztec 481 rig and Aztec cement. TOOH and laid down 1¼" tubing. PU and tally 2-3/8" work string. Run 5½" casing scraper to 1970'. RIH & set 5½" CIBP @ 1956'. Pictured Cliffs perforations @ 2004'-2272'. Load hole. Pressure test casing to 600 psi for 30 mins. Casing won't test. TOOH & ran CBL from 1956' to surface. Sent copies to OCD/BLM.
- Spot Plug I inside 5½" casing above CIBP @ 1956' w/24 sks (27.6 cu ft) Class G neat cement from 1956' to cover the Fruitland-Pictured Cliff tops (15.8 #/gal, 1.15 cu ft/sk). Displace w/6.8 bbls. WOC 4 hrs. Tagged TOC @ 1757'. Good tag. **Plug I, inside 5½" casing, 24 sks, 27.6 cu ft, Fruitland-Pictured Cliffs, 1757-1956.**
- Spot Plug II inside 5½" casing from 1711' w/24 sks Class G neat cement (27.6 cu ft) to cover the Kirtland top. Displace w/5.8 bbls. WOC overnight. Tagged TOC @ 1499'. Good tag. **Plug II, inside 5½" casing, 24 sks, 27.6 cu ft, Kirtland, 1499'-1711'.**
- RU Wireline. RIH and shot 3 squeeze holes @ 1450' @ TOC of primary cement job behind 5½" casing. TIH w/5½" CR and set CR @ 1430'. Spot Plug III inside out from 1450' w/54 sks Class G neat cement (62.1 cu ft), 30 sks outside 5½" casing (34.5 cu ft), 2.5 sks below CR inside 5½" casing (2.9 cu ft), & 21.5 sks (24.7 cu ft) above the CR inside 5½" casing. Displaced w/4.5 bbls. WOC 4 hrs. Tagged TOC @ 1181'. Good tag. **Plug III, Inside/Outside 5½" casing, 54 sks, 62.1 cu ft, Ojo Alamo, 1181'-1450'.**
- RIH w/wireline and shot 3 squeeze holes at 199'. TIH w/tubing open ended to 217'. Spot Plug IV inside/outside 5½" casing from 217' to surface w/143 sks, 164.5 cu ft, Class G neat cement to circulate cement to surface through BH. Circulate 1 bbl cement to surface through BH. Cut wellhead off. TOC @ 8' inside 5½" casing and 12' in the annulus. **Plug IV, Inside/Outside 5½" casing, 143 sks, 164.5 cu ft, Surface, 0-217'.**
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**Completed P & A Wellbore Schematic**

V R Nordhaus #1  
30-039-05961  
Ballard Pictured Cliffs  
Lease No: NM-03602  
890' FNL & 890' FWL  
S19 T25N R7W  
Rio Arriba County, NM  
Lat:36.3909149 Long:-107.6207199



8-5/8" 28# casing @ 149'. Cemented with 150 sks Class B cement . Circulated cement to surface.

Perforate @ 199'. **Plug IV, Inside/Outside 5½" casing, 143 sks, 164.5 cu ft, Surface, 0-217'**

Perforate @ 1450'. **Plug III, Inside/Outside 5½" casing, 54 sks, 62.1 cu ft, Ojo Alamo, 1181'-1450'**

**Plug II, Inside 5½" casing, 24 sks, 27.6 cu ft, Kirtland, 1499'-1711'**

5½" 14# casing @ 2348'. Cemented casing w/150 sks cement.

Set 5½" CIBP @ 1956'. **Plug I, Inside 5½" casing, 24 sks, 27.6 cu ft, Fruitland-Pictured Cliffs, 1757-1956'**

PC Perforated @ 2004' – 2272'

PBTD = 2299', TD=2355'

**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 219986

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 219986
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 6/7/23. Well P&A'd 4/13/23	6/7/2023