

Well Name: PHANTOM RANCH	Well Location: T24N / R8W / SEC 21 / SENW / 36.301254 / -107.689133	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM40643	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452640900S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2800884

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 07/15/2024	Time Sundry Submitted: 03:40
Date Operation Actually Began: 05/22/2024	

Actual Procedure: Dugan Production Corp. P&A'd the well on 5/22/24 - 5/29/24 per the attached procedure.

SR Attachments

Actual Procedure

- Phantom_Ranch_1_SR_PA_completed_wellbore_schematic_20240715153759.pdf
- Phantom_Ranch__1_BLM_OCD_apvd_plug_changes_20240715153151.pdf
- Phantom_Ranch_1_SR_PA_formation_tops_20240715151706.pdf
- Phantom_Ranch_1_SR_PA_work_20240715151646.pdf

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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: JUL 15, 2024 03:16 PM

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)360-9192

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: 07/16/2024

Signature: Matthew Kade

Dugan Production P&A'd the well on 05/22/2024-05/29/2024 per the following procedure:

- MI&RU Aztec Rig 481 and cement equipment. ND WH & NU BOP. Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. Run 4½" string mill for casing scraper to 5200'. RIH & **set 4½" CIBP @ 5146'**. Gallup perforations @ 5196'-5406'.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. Load and circulate hole. Attempt to pressure test casing to 650 psi. Casing won't test. Lost 125 psi in 1 minute.
- Run CBL from 5146' to surface. Sent copies and revised procedure to NMOCD/BLM. Copy of communications attached.
- Spot Plug I inside 4½" casing from 5146' to 4996' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/19 bbls water. WOC overnight. Tagged TOC at 4890'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup perforations, 4890'-5146'**.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. RU wireline. Shoot squeeze holes at 4770'. RIH and set 4½" CR at 4725'. Attempt to get a rate below the cement retainer through the perforations. Cannot get rate. Locked up to 1000 psi. Spot Plug II inside 4½" casing from 4725' w/36 sks (41.4 cu ft) Class G cement to cover the Gallup top, DV tool, & Mancos top. Displaced w/ 16.5 bbls. WOC 4 hrs. Tagged TOC at 4248'. Good tag. **Plug II, inside 4½" casing, perforations at 4770', CR at 4725', 36 sks, 41.4 cu ft, Mancos-DV-Gallup, 4248'-4725'**.
- Spot Plug III inside 4½" casing from 3423' w/18 sks, 20.7 cu ft, Class G neat cement to cover the Mesaverde top. Displaced w/12.3 bbls water. WOC overnight. Tagged TOC at 3188'. Good tag. **Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3188'-3423'**.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. Spot Plug IV inside 4½" casing w/ 106 sks, 121.9 cu ft, Class G neat cement from 2258' to cover the Chacra-Pictured Cliff-Fruitland-Kirtland-Ojo Alamo tops. Displaced w/3.5 bbls water. WOC 4 hrs. Tagged TOC at 980'. Good tag. **Plug IV, inside 4½" casing, 106 sks, 121.9 cu ft, Chacra-Pictured Cliffs-Fruitland-Kirtland-Ojo Alamo, 980'-2258'**.
- Attempt to pressure test casing to 650 psi for 30 minutes. Casing tested good.
- RU wireline. Perforate at 240'. Establish circulation to surface through BH. Swap to cement. Pump Plug V inside/outside 4½" casing from 240' to surface w/80 sks, 92 cu ft Class G neat cement to cover the surface casing shoe to surface. Circulated 1 bbl cement to surface through BH. WOC 4 hrs. Cut wellhead off. Tagged TOC inside 4½" casing at 3' and 1' inside annulus. Good tag. **Plug V, inside/outside 4½" casing, perforations at 240', 80 sks, 92 cu ft, Surface casing shoe, 0-240'**.
- Install dryhole marker and fill up cellar w/18 sks, 20.7 cu ft, Class G neat cement. Clean location. RD Aztec 481 and cement equipment. Jimmy Dobson with BLM witnessed job. **Well P&A'd 05/29/2024.**

Phantom Ranch #1

API: 30-045-26409

Unit F Sec 21 T24N R08W

2060' FNL & 1880' FWL

San Juan County, NM

Lat: 36.300663, Long: -107.689670

Elevation ASL : 6777'

Formation Tops

- **Ojo Alamo - 1062'**
- **Kirtland - 1212'**
- **Fruitland - 1573'**
- **Pictured Cliffs - 1803'**
- **Lewis - 1966'**
- **Chacra - 2208'**
- **Mesaverde - 3373'**
- **DV tool - 4440'**
- **Mancos - 4450'**
- **Gallup - 4780'**

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, May 28, 2024 9:13 AM
To: Aliph Reena; Dobson, Jimmie P; Kade, Matthew H; Kuehling, Monica, EMNRD; Lucero, Virgil S
Cc: Alex Prieto-Robles; Tyra Feil
Subject: Re: [EXTERNAL] RE: DUGAN_PHANTOM_RANCH_1_CBL

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The BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, May 28, 2024 8:54 AM
To: Dobson, Jimmie P <jdobson@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] RE: DUGAN_PHANTOM_RANCH_1_CBL

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Re: Dugan Production Corp.
Phantom Ranch # 1
API: 30-045-26409

Please see the attached CBL ran on the Phantom Ranch # 1. From the CBL, the TOC appear to be around 4780' on stage I and 250' on stage II. Based on that we request the following changes to the originally approved NOI to P & A.

1. **Plug II: Mancos-DV tool**, Will change plug II to inside/outside. Since the TOC is coming at 4780', inorder to get a rate and a squeeze to cover the Mancos and DV tool top, we would like to perforate @ 4770'. Set a 4 ½" CR and

attempt to establish rate and do an inside outside plug from 4340'-4770'. If not successful we will do an inside plug to cover from 4340'-4770'.

2. **Plug VI: Surface**, Will perforate @ 240' and attempt to do an inside/outside plug and circulate cement through BH. If not successful will perforate higher at the shoe and will attempt again to break circulation to surface.

Aliph Reena
Engineering Supervisor
Dugan Production Corp.
Cell: 505-360-9192

From: Alex Prieto-Robles <arobles@aztecwell.com>

Sent: Friday, May 24, 2024 9:54 AM

To: Aliph Reena <Aliph.Reena@duganproduction.com>

Cc: jdobson@blm.gov; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov; Rennick, Kenneth G <krennick@blm.gov>

Subject: DUGAN_PHANTOM_RANCH_1_CBL

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Alex Prieto
Rig Manager – San Juan Basin
Aztec Well Servicing Co.
P.O. Box 100
Aztec, New Mexico 87410
Cell: 505-419-9882
Office: 505-334-6191
Arobles@aztecwell.com



Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, May 28, 2024 9:12 AM
To: Aliph Reena; jdobson@blm.gov; Kade, Matthew H; Vlucero@blm.gov; Rennick, Kenneth G
Cc: Alex Prieto-Robles; Tyra Feil
Subject: RE: [EXTERNAL] RE: DUGAN_PHANTOM_RANCH_1_CBL

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NMOCD approves below with prior approval from the BLM

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Office Phone: 505-334-6178 ext. 123
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, May 28, 2024 8:54 AM
To: jdobson@blm.gov; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov; Rennick, Kenneth G <krennick@blm.gov>
Cc: Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] RE: DUGAN_PHANTOM_RANCH_1_CBL

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Re: Dugan Production Corp.
Phantom Ranch # 1
API: 30-045-26409

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2. **Plug VI: Surface**, Will perforate @ 240' and attempt to do an inside/outside plug and circulate cement through BH. If not successful will perforate higher at the shoe and will attempt again to create circulation to surface.

Aliph Reena
Engineering Supervisor
Dugan Production Corp.
Cell: 505-360-9192

From: Alex Prieto-Robles <arobles@aztecwell.com>
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To: Aliph Reena <Aliph.Reena@duganproduction.com>
Cc: jdobson@blm.gov; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov; Rennick, Kenneth G <krennick@blm.gov>
Subject: DUGAN_PHANTOM_RANCH_1_CBL

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Alex Prieto
Rig Manager – San Juan Basin
Aztec Well Servicing Co.
P.O. Box 100
Aztec, New Mexico 87410
Cell: 505-419-9882
Office: 505-334-6191
Arobles@aztecwell.com



Tyra Feil

From: OCDOnline@state.nm.us
Sent: Tuesday, May 28, 2024 10:01 AM
To: Tyra Feil; Tyra Feil
Subject: The Oil Conservation Division (OCD) has received a well log for PHANTOM RANCH #001.

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

To whom it may concern,

The Oil Conservation Division (OCD) has received a well log for 30-045-26409 PHANTOM RANCH #001.

Please contact us if you have any questions.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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 364420

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 364420
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 5/29/24 - log submitted	7/19/2024