

Well Name: HELSINKI	Well Location: T23N / R10W / SEC 9 / NESW / 36.240311 / -107.902191	County or Parish/State: SAN JUAN / NM
Well Number: 52	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM36951	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452739200S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2808820

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/28/2024	Time Sundry Submitted: 08:12
Date Operation Actually Began: 08/02/2024	

Actual Procedure: Dugan Production P&A'd the well on 08/02/2024 - 08/06/2024 per the attached procedure.

SR Attachments

- Actual Procedure
- Helsinki_52_PA_BLM_apvd_plug_changes_20240828081103.pdf
 - Helsinki_52_PA_OCD_apvd_plug_changes_20240828081103.pdf
 - Helsinki_52_SR_PA_formation_tops_20240828080335.pdf
 - Helsinki_52_SR_PA_completed_wellbore_schematic_20240828080326.pdf
 - Helsinki_52_SR_PA_work_20240828080318.pdf

Well Number: 52

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM36951

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452739200S1

Operator: DUGAN PRODUCTION
CORPORATION

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: AUG 28, 2024 08:11 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)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: 08/28/2024

Signature: Matthew Kade

Dugan Production P&A'd the well on 08/02/2024 – 08/06/24 per the following procedure:

- MI&RU Aztec Well Services Rig 481 and cement equipment.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. TIH w/4½" string mill. Run string mill to 4300'.
- Check pressures, Tubing 0 psi, Casing 20 psi, BH 0 psi.
- RIH & set 4½" CIBP @ 4231'. **Gallup perforations @ 4281'-4486'.**
- Load and circulate hole. Pressure test casing to 650 psi for 30 minutes. Casing won't test. Small leak.
- Run CBL from 4231' to surface. Sent copy of CBL and revised proposal to NMOCD/BLM. Copy of communications attached.
- Spot Plug I inside 4½" casing from 4231' w/28 sks (32.2 cu ft) Class G cement to cover the Gallup top & Gallup perforations. Displaced w/14.9 bbls. WOC overnight. Tagged TOC at 3920'. Good tag. **Plug I, inside 4½" casing, 28 sks, 32.2 cu ft, Gallup perforations - Gallup top, 3920'-4231'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to pressure test casing to 650 psi. **Casing tested good for 30 minutes.**
- Spot Plug II inside 4½" casing from 3485' to 3290' w/15 sks (17.3 cu ft) Class G cement to cover the DV tool, & Mancos top. Displaced w/12.7 bbls. **Plug II, inside 4½" casing, 15 sks, 17.3 cu ft, Mancos-DV tool, 3290'-3485'.**
- Spot Plug III inside 4½" casing from 1453' to 1095' w/28 sks, 32.2 cu ft Class G neat cement to cover the Mesaverde & Chacra tops. Displaced w/4.2 bbls. **Plug III, inside 4½" casing, 28 sks, 32.2 cu ft, Mesaverde-Chacra, 1095'-1453'.**
- Spot Plug IV inside 4½" casing from 920' to 480' w/34 sks, 39.1 cu ft Class G neat cement to cover the Pictured Cliffs-Fruitland tops. Displaced w/1.8 bbls. **Plug IV, inside 4½" casing, 34 sks, 39.1 cu ft, Fruitland-Pictured Cliffs, 480'-920'.**
- Spot Plug V inside 4½" casing from 263' to surface w/30 sks, 34.5 cu ft, Class G neat cement to cover the Kirtland & surface casing shoe. Filled up 4½" casing and brought 1 bbl cement to surface. No displacement. LD all tubing. **Plug V, inside 4½" casing, 30 sks, 34.5 cu ft, Kirtland-Surface, 0'-256'.**
- Install dry-hole marker and fill up cellar w/22 sks, 25.3 cu ft Class G neat cement. Clean location. RD Aztec 481. Monty Gomez w/BLM witnessed job.
- **Well P&A'd 08/06/2024.**

Helsinki #52

API: 30-045-27392

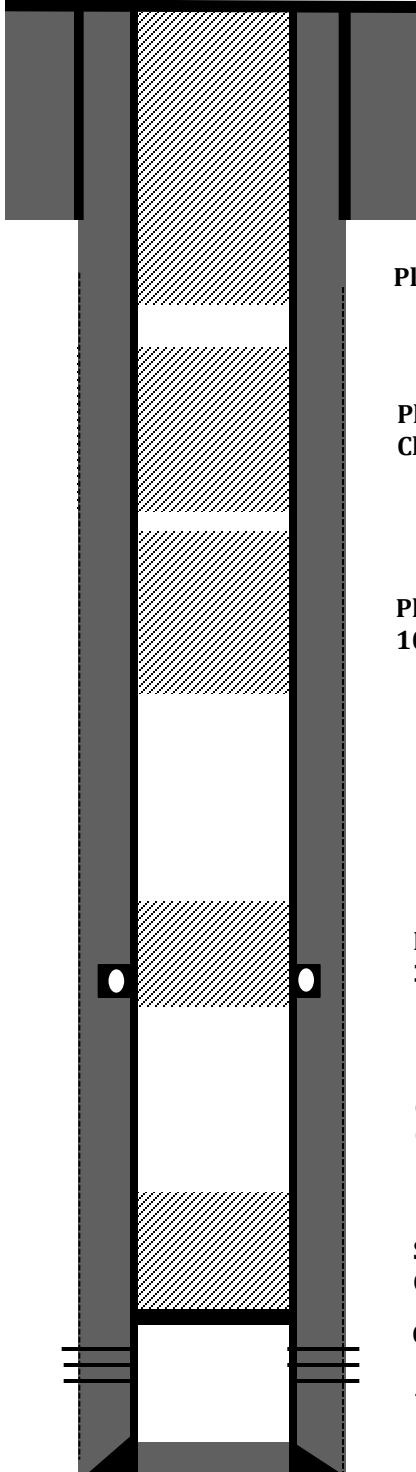
Sec 9 T23N R10W

2310' FNL & 2310' FWL

Bisti S-Gallup

San Juan County, NM

Lat: 36.240241, Long: -107.902669



8-5/8", 24# casing @ 206'. Cemented with 135 sks Class B, 159 cu.ft.
Circulated 2 bbl cement to surface. **Hole size 12-1/4"**

Plug V, Inside 4 1/2" casing, 30 sks, 34.5 Cu.ft, Kirtland-Surface, 0'-256'

Plug IV, Inside 4 1/2" casing, 34 sks, 39.1 Cu.ft, Fruitland-Pictured Cliffs, 480'-920'

Plug III, Inside 4 1/2" casing, 28 sks, 32.2 Cu.ft, Mesaverde-Chacra, 1095'-1453'

Plug II, Inside 4 1/2" casing, 15 sks, 17.3 Cu.ft, Mancos-DV tool, 3290'-3485'

Cemented Stage I w/ 225 sks 50-50 poz, 286 cu.ft. **DV tool @ 3435'**. Stage II w/ 450 sks 65/35/12 & 100 sks 50-50, 1121 Cu.ft. Total volume: 1407 Cu.ft.

Set 4 1/2" CIBP @ 4231'. Plug I, Inside 4 1/2" casing, 28 sks, 32.2 Cu.ft, Gallup Perforations - Gallup top, 3920'-4231'

Gallup perforations @ 4281'-4486'

4 1/2" 10.5 # casing @ 4610'

Helsinki #52
API: 30-045-27392
Sec 9 T23N R10W
2310' FNL & 2310' FWL
Bisti S-Gallup
San Juan County, NM
Lat: 36.240241, Long: -107.902669

Elevation ASL : 6558'

Formation Tops (Referenced for P&A'd)

- **Kirtland - Surface**
- **Surface Casing - 206'**
- **Fruitland - 587'**
- **Pictured Cliffs - 840'**
- **Lewis - 968'**
- **Chacra - 1210'**
- **Mesaverde - 1403'**
- **Mancos - 3400'**
- **DV tool - 3435'**
- **Gallup - 4070'**
- **Perforations - 4281'-4486'**

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, August 6, 2024 6:59 AM
To: Aliph Reena; Alex Prieto-Robles
Cc: Vlucero@blm.gov; Kade, Matthew H; Rennick, Kenneth G; mgomez@blm.gov; Tyra Feil
Subject: RE: [EXTERNAL] RE: HELSINKI #52_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: Monday, August 5, 2024 7:04 PM
To: Alex Prieto-Robles <arobles@aztecwell.com>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; mgomez@blm.gov; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] RE: HELSINKI #52_CBL

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Re: Dugan Production Corp.
Helsinki # 52
API: 30-045-27392

Based on the CBL, the TOC appear to be at 100' from surface. We propose the following change to the original approved NOI.

Plug V: Kirtland-Surface, Will perforate at 95'. Attempt to get circulation to surface through BH. Run 2-3/8" workstring to 256'. Fill up 4 1/2" casing and circulate cement to surface through BH. If a rate cannot be established, will fill up the annulus from surface.

Please let us know if the changes are acceptable to BLM & NMOCD and we will proceed accordingly.

Aliph Reena

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

From: Alex Prieto-Robles <arobles@aztecwell.com>
Sent: Monday, August 5, 2024 4:14 PM
To: Aliph Reena <Aliph.Reena@duganproduction.com>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov; Kade, Matthew H <mkade@blm.gov>;
Rennick, Kenneth G <krennick@blm.gov>; mgomez@blm.gov
Subject: HELSINKI #52_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: Gomez, Monty J <mgomez@blm.gov>
Sent: Tuesday, August 6, 2024 5:50 AM
To: Aliph Reena; Alex Prieto-Robles
Cc: Kuehling, Monica, EMNRD; Lucero, Virgil S; Kade, Matthew H; Rennick, Kenneth G; Tyra Feil
Subject: Re: [EXTERNAL] RE: HELSINKI #52_CBL

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BLM approves this amendment.

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From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Monday, August 5, 2024 7:03:34 PM
To: Alex Prieto-Robles <arobles@aztecwell.com>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Gomez, Monty J <mgomez@blm.gov>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] RE: HELSINKI #52_CBL

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Re: Dugan Production Corp.
Helsinki # 52
API: 30-045-27392

Based on the CBL, the TOC appear to be at 100' from surface. We propose the following change to the original approved NOI.

Plug V: Kirtland-Surface, Will perforate at 95'. Attempt to get circulation to surface through BH. Run 2-3/8" workstring to 256'. Fill up 4 1/2" casing and circulate cement to surface through BH. If a rate cannot be established, will fill up the annulus from surface.

Please let us know if the changes are acceptable to BLM & NMOCD and we will proceed accordingly.

Aliph Reena

Aliph Reena

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

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

Sent: Monday, August 5, 2024 4:14 PM

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

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

Rennick, Kenneth G <krennick@blm.gov>; mgomez@blm.gov

Subject: HELSINKI #52_CBL

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

CONDITIONS

Action 378743

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 378743
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/6/24	10/2/2024