U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

10/05/2023

Well Name: TARGET	**Well Location:** T24N / R10W / SEC 20 / SENW / 36.300446 / -107.920609	**County or Parish/State:** SAN JUAN / NM
Well Number: 1	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM43442	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 300452853700S1	**Well Status:** Abandoned	**Operator:** DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2754955

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/05/2023

Time Sundry Submitted: 10:44

Date Operation Actually Began: 08/10/2023

Actual Procedure: Dugan Production P&A'd the well 8/10/23 - 8/21/23 per the attached procedure.

SR Attachments

Actual Procedure

Target__1_BLM___NMOCD_P_A_apvd_proposed_changes_20231005102731.pdf

Target_1_post_PA_schematic_20231005102458.pdf

Target_1_post_PA_work_20231005102340.pdf

Well Name: TARGET

Well Location: T24N / R10W / SEC 20 / SENW / 36.300446 / -107.920609

County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM43442

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452853700S1

Well Status: Abandoned

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: OCT 05, 2023 10:22 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: 10/05/2023

Signature: Matthew Kade

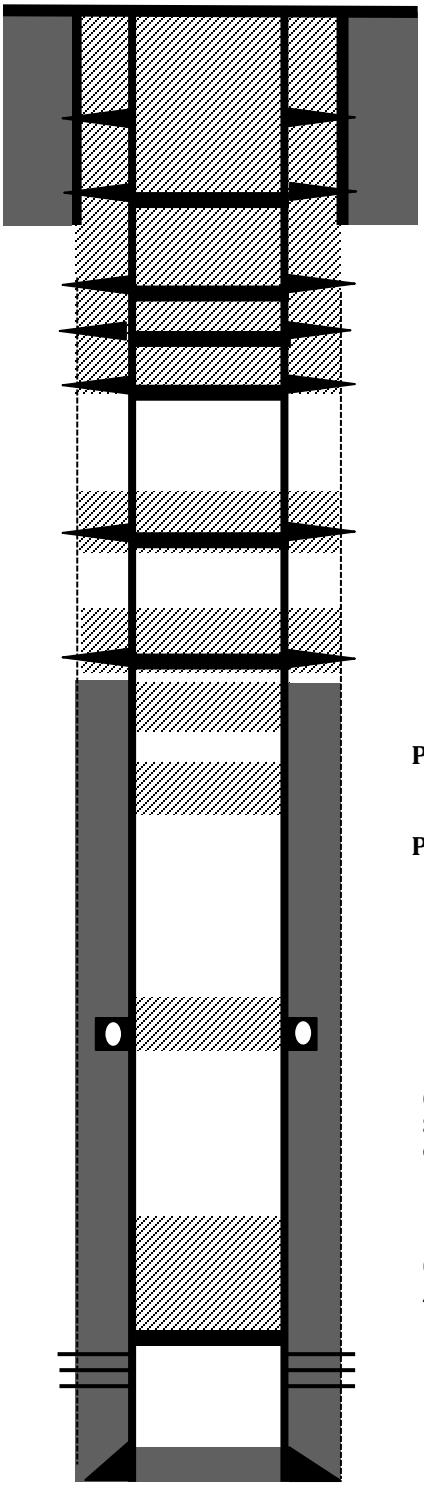
Dugan production P&A'd the well per the following procedure on 08/10/2023-08/21/2023:

- MI&RU Aztec Rig 481 and cement equipment. Spot equipment and LD rods and production tubing.
- PU & tally 2-3/8", 4.7# tubing for workstring. Run 4½" casing scraper to 4739'. RIH & set 4½" CIBP @ 4707'. Gallup perforations @ 4754'-4829'.
- Load & circulate hole w/82 bbls water. Attempt to pressure test casing to 600 psi for 30 minutes. Casing won't test. Run CBL from 4707' to surface. Set copies of CBL & revised procedures to NMOCD/BLM.
- Spot Plug I inside 4½" casing from 4707' w/35 sks (40.25 cu ft) Class G cement to cover the Gallup top. Displaced w/16.5 bbls. WOC 4 hrs. Tagged TOC @ 4175'. Good tag. **Plug I, inside 4½" casing, 35 sks, 40.25 cu ft, Gallup, 4175'-4707'.**
- Spot Plug II inside 4½" casing from 3873' w/20 sks (23 cu ft) Class G cement to cover the Mancos top. Displaced w/14 bbls. WOC overnight. Tagged TOC @ 3605'. Good tag. **Plug II, inside 4½" casing, 20 sks, 23 cu ft, Mancos, 3605'-3873'.**
- Spot Plug III inside 4½" casing from 1982' w/20 sks (23 cu ft) Class G cement to cover the Mesaverde top**.** Displaced w/6.7 bbls. WOC 4 hrs. Tagged TOC @ 1802'. Good tag. **Plug III, inside 4½" casing, 20 sks, 23 cu ft, Mesaverde, 1802'-1983'.**
- Spot Plug IV inside 4½" casing from 1576' w/20 sks (23 cu ft) Class G cement to cover the Chacra top. Displaced w/5.1 bbls. WOC overnight. Tagged TOC @ 1312'. Good tag. **Plug IV, inside 4½" casing, 20 sks, 23 cu ft, Chacra, 1312'-1576'.**
- RIH w/wireline and perforate @ 1250'. TIH & set 4½" CR @ 1230'. Sting in and establish rate under the CR. Spot and squeeze Plug V inside/outside 4½" casing from 1250' w/52 sks (59.8 cu ft) Class G cement to cover the Pictured Cliffs top (40 sks, 46 cu ft outside 4½" casing, 2 sks below, 10 sks, 11.5 cu ft inside 4½" casing on top of CR. Displace w/2.2 bbls. WOC 4 hrs. Tagged TOC @ 1112'. Good tag. **Plug V, Inside/Outside 4½" casing, 52 sks, 59.8 cu ft, Pictured Cliffs, 1112'-1250'.**
- RIH w/wireline and perforate @ 947'. TIH & set 4½" CR @ 921'. Sting in and establish rate under the CR. Spot and squeeze Plug VI inside/outside 4½" casing from 947' w/52 sks (59.8 cu ft) Class G cement to cover the Fruitland top (40 sks, 46 cu ft outside 4½" casing, 2 sks below, 10 sks, 11.5 cu ft inside 4½" casing on top of CR. Displace w/1.5 bbls. WOC overnight. Tagged TOC @ 798'. Good tag. **Plug VI, Inside/Outside 4½" casing, 52 sks, 59.8 cu ft, Fruitland, 798'-947'.**

- RIH and perforate @ 515'. Set a 4½" CR @ 495'. Attempt to break circulation to surface. Cannot get circulation to surface. Sting in and do inside outside plug w/25 sks, 28.75 cu ft Class G cement (20 sks, 23 cu ft outside, 1.5 sks inside below the CR, 3.5 sks, 4 cu ft above the CR). Reverse out from 466'. Brought back 0.5 bbls to surface pit. WOC 4 hrs. Tagged TOC @ 467'. RIH w/wireline and perforate @ 465'. Set a 4½" CR @ 445'. Attempt to break circulation to surface. Cannot get circulation to surface. Sting in and do inside outside plug w/25 sks, 28.75 cu ft Class G cement (20 sks, 23 cu ft outside, 1.5 sks inside below the CR, 3.5 sks, 4 cu ft above the CR). Reverse out from 410'. WOC 4 hrs. Tagged TOC @ 413'. RIH w/wireline and perforate @ 411'. Set 4½" CR @ 390'. Sting in and attempt to break circulation to surface. Cannot get circulation to surface. Sting in and do inside/outside plug w/72 sks, 82.8 cu ft Class G cement (60 sks, 69 cu ft outside, 1.5 sks inside below the CR, 10.5 sks, 12.7 cu ft above the CR). Reverse out at 259'. WOC 4 hrs. Tagged TOC @ 259'. Good tag. Perforate @ 254'. Set CR @ 240'. Attempt to get circulation to surface. Cannot get circulation to surface. Spot and squeeze plug w/32 sks, 36.8 cu ft, Class G neat cement (25 sks out 28.9 cu ft, 1.5 sks inside 4½" casing under the CR, 5.5 sks above the CR). Reverse out @ 200'. WOC overnight. Tagged TOC @ 200'. Perforate @ 198'. Cannot get circulation to surface from 198' w/45 bbls. Set CR @ 178'. Spot plug w/26 sks, 29.9 cu ft Class G neat cement (22 sks 25.3 cu ft outside behind 4½" casing, 1.5 sks below the CR, 2.5 sks above the CR. Reverse circulate @ 148'. WOC 4 hrs. Tagged TOC @ 148'. Perforate @ 142'. Broke circulation to surface w/5 bbls. Swapped to cement. Spot Plug w/55 sks, 63.75 cu ft Class G cement to circulate cement through BH and fill up 4½" casing from 148' to surface. Circulate 1.5 bbls cement to surface. WOC. Cut wellhead off. TOC inside 4½" casing at surface and TOC inside the annulus at surface. **Plug VII, Inside/Outside, Kirtland-Ojo Alamo-Surface, 228 sks, 262.2 cu ft, 0-515'.**
- Fill up cellar w/25 sks Class G neat cement, 28.75 cu ft and install dry hole marker. Clean location. **Well P&A'd 08/21/2023**. Bill Diers w/Farmington Field Office BLM witnessed job. RD Aztec 481.

Completed P & A Schematic

Target # 1
API: 30-045-28537
Unit F Sec 20 T24N R10W
1980' FNL & 1980' FWL
San Juan County, NM
Lat:36.3005333 Long:-107.9212494



8-5/8" J-55 24# casing @ 209'. Cemented with 135 sks Class B. Circulated 4 bbls cement to surface. Hole size: 12-1/4

Plug VII, Inside/Outside, Kirtland-Ojo Alamo-Surface, 228 sks, 262.2 Cu.ft, 0-515'

Plug VI, Inside/Outside 4 ½" casing, 52 sks, 59.8 Cu.ft, Fruitland, 798'-947'

Plug V, Inside/Outside 4 ½" casing, 52 sks, 59.8 Cu.ft, Pictured Cliffs, 1112'-1250'

Plug IV, Inside 4 ½" casing, 20 sks, 23 Cu.ft, Chacra, 1312'-1576'

Plug III, Inside 4 ½" casing, 20 sks, 23 Cu.ft, Mesaverde, 1802'-1983'

Plug II, Inside 4 ½" casing, 20 sks, 23 Cu.ft, Mancos, 3605'-3873'

Cemented Stage I w/ 250 sks 50-50 poz, 305 Cu.ft cement. DV @ 3861'.
Stage II w/ 750 sks 65-35 w/ 12% followed w/ 50 sks 50-50 poz, 1718 Cu.ft. Total cement 2023 Cu.ft. Circulated 4 bbls cement to surface.

CIBP @ 4707. Plug I, Inside 4 ½" casing, 35 sks, 40.25 Cu.ft, Gallup, 4175'-4707'

Gallup Perforated @ 4754'-4829'

4 ½" 10.5 # casing @ 4930'. PBTD @ 4896'. Hole size: 7-7/8"

Tyra Feil

From: Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov>
Sent: Tuesday, August 15, 2023 3:13 PM
To: Aliph Reena; Rennick, Kenneth G; Kuehling, Monica, EMNRD; Lucero, Virgil S; Diers, William B; Kuehling, Monica, EMNRD; Dean Mestas; Alex Prieto-Robles; Cordero, Gilbert, EMNRD
Cc: Tyra Feil; John Alexander
Subject: RE: [EXTERNAL] RE: Dugan Target 1 CBL

Aliph,

I find TOC close to 1300' and would request any plugs above that depth be perforated. As for the changes you have approved below from BLM I do not have a problem with, but would ask that you confirm in field activities with plugging inspectors.

Regards,

John Harrison

Oil Conservation Division
1625 N. French Dr.
Hobbs, New Mexico 88240

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, August 15, 2023 2:26 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Dean Mestas <dmestas@aztecwell.com>; Alex Prieto-Robles <arobles@aztecwell.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; John Alexander <John.Alexander@duganproduction.com>
Subject: RE: [EXTERNAL] RE: Dugan Target 1 CBL

Hi Gilbert/John,

Please see the proposed changes and attached CBL for Dugan Productions Target # 1 P & A.

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

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, August 14, 2023 5:16 PM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Dean Mestas <dmestas@aztecwell.com>; Alex Prieto-Robles <arobles@aztecwell.com>

Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; John Alexander <John.Alexander@duganproduction.com>
Subject: Re: [EXTERNAL] RE: Dugan Target 1 CBL

The BLM finds the proposed changes 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: Monday, August 14, 2023 4:53 PM
To: Rennick, Kenneth G <krennick@blm.gov>; monica.kuehling@state.nm.us <monica.kuehling@state.nm.us>; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>; Dean Mestas <dmestas@aztecwell.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; John Alexander <John.Alexander@duganproduction.com>
Subject: [EXTERNAL] RE: Dugan Target 1 CBL

Please see the attached CBL from Dugan Productions **Target # 1, API No. 30-045-28537.** TOC behind the casing from the CBL appear to be around 1250’ approx. Based on the CBL, we propose the following changes.

1. Split Plug V, to two inside/outside plugs instead of one inside plug. Perforate @ 1230’. Set a CR @ 1215’.
2. Plug VI will be Fruitland, Perforate @ 947’. Inside outside plug from 797’-947 to cover Fruitland plug.
3. Plug VII will be inside/outside to cover Ojo-Kirtland tops from 515’ to surface. Circulate cement to surface. If circulation cannot be established, we will perforate @ 259’ (50’ below shoe) and circulate cement to surface.

Please let us know if we are good to proceed with the requested changes. All other plugs will be done as originally approved on the permit.

Thanks
Aliph Reena
Cell: 505-360-9192

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

From: Daniel Girodo <dgirodo@thewirelinegroup.com>
Sent: Monday, August 14, 2023 9:53 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Christopher Caliendo <ccaliendo@thewirelinegroup.com>; Josh Nolan <jnolan@thewirelinegroup.com>; Krennick@blm.gov; monica.kuehling@state.nm.us; Vlucero@blm.gov
Subject: Dugan Target 1 CBL

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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 272898

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 272898
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Well plugged 8/21/2023	10/26/2023