

Well Name: MUCHO DEAL	Well Location: T30N / R14W / SEC 14 / SENW / 36.816345 / -108.280624	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM26052	Unit or CA Name: MUCHO DEAL	Unit or CA Number: NMNM75940
US Well Number: 300452257000S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2764589

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/05/2023

Time Sundry Submitted: 01:53

Date Operation Actually Began: 10/10/2023

Actual Procedure: Well plugged 10/17/2023. Complete P&A report attached.

SR Attachments

Actual Procedure

- Mucho_Deal_Com_1_PA_BLM_OCD_apvd_plug_change_20231205134930.pdf
- Mucho_Deal_Com_1_PA_completed_wellbore_schematic_20231205134920.pdf
- Mucho_Deal_Com_1_post_PA_work_20231205134758.pdf

Received by OCD: 12/5/2023 4:06:37 PM

Page 2 of 8

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US Well Number: 300452257000S1	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: DEC 05, 2023 01:50 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: 12/05/2023
Signature: Matthew Kade	

Dugan Production P&A'd the well between 10/10/2023-10/17/2023 per the following procedure:

- MI&RU Aztec Rig 481 and cement equipment. Spot and NU BOP.
- Check pressures, Tubing 0 psi, Casing 28 psi, BH 0 psi.
- PU & tally 2-3/8" J-55, 4.7# workstring. Run 4½" casing scraper to 6340'. RIH & set 4½" CIBP @ 6279'. Dakota perforations @ 6330'-6490'.
- Load & circulate hole. Attempt to pressure test casing to 650 psi for 30 minutes. Cannot get a test.
- Run CBL from 6279' to surface. Submitted revised proposal based on the CBL to NMOCD/BLM. Copy of the communications attached.
- Spot Plug I inside 4½" casing from 6279' w/20 sks (23 cu ft) Class G cement to cover the Dakota top. Displaced w/23.3 bbls. WOC overnight. Tagged TOC @ 5978'. Good tag. **Plug I, inside 4½" casing, 20 sks, 23 cu ft, Dakota, 5978'-6279'.**
- Spot Plug II inside 4½" casing from 5520' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup top. Displaced w/20.5 bbls. WOC 4 hrs. Tagged TOC @ 5293'. Good tag. **Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 5293'-5520'.**
- Spot Plug III inside 4½" casing from 4551' w/18 sks (20.7 cu ft) Class G cement to cover the Mancos top. Displaced w/16.7 bbls. WOC overnight. Tagged TOC @ 4314'. Good tag. **Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mancos, 4314'-4551'.**
- Spot Plug IV inside 4½" casing from 3273' w/56 sks (64.4 cu ft) Class G cement to cover the Mesaverde & Chacra tops. Displaced w/9.8 bbls. WOC 4 hrs. Tagged TOC @ 2558'. Good tag. **Plug IV, inside 4½" casing, 56 sks, 64.4 cu ft, Mesaverde-Chacra, 2558'-3273'.**
- RU Wireline & perforate w/4 squeeze holes at 1778'. RIH w/4½" CR and set retainer @ 1730'. Sting in retainer and establish rate. Swapped to cement. Spot Plug V inside/outside 4½" casing from 1778' w/56 sks (64.4 cu ft) Class G cement to cover the Pictured Cliffs top (40 sks, (46 cu ft) outside 4½" casing, 4 sks (4.6 cu ft) below the CR, 12 (13.8 cu ft) on top of the CR). Displaced w/5.5 bbls. WOC overnight. Tagged TOC @ 1570'. Good tag. **Plug V, inside/outside 4½" casing, 56 sks, 64.4 cu ft, perfs at 1778', CR @ 1730', Pictured Cliffs, 1570'-1778'.**
- RU Wireline & perforate w/4 squeeze holes at 1240'. RIH w/4½" CR and set retainer @ 1215'. Sting in retainer and establish rate. Swapped to cement. Spot Plug VI inside/outside 4½" casing from 1240' w/56 sks (64.4 cu ft) Class G cement to cover the Fruitland top (40 sks, (46 cu ft) outside 4½" casing, 4 sks (4.6 cu ft) below the CR, 12 sks (13.8 cu ft) on top of the CR). Displaced w/3.8 bbls. WOC 4 hrs. Tagged TOC @ 1045'. Good tag. **Plug VI, inside/outside 4½" casing, 56 sks, 64.4 cu ft, perfs at 1240', CR @ 1215', Fruitland, 1045'-1240'.**
- RU Wireline & perforate w/4 squeeze holes at 525'. TIH w/4½" CR to 511'. Sting in and establish rate to surface from 525'. Swapped to cement. Spot Plug VII inside/outside 4½" casing from 525' w/200 sks (230 cu ft) Class G cement to cover the Kirtland top behind the casing. Displaced w/2 bbls to the top of the CR. Reverse out on top of the CR. Spot plug w/20 sks, 23 cu ft, Class G neat cement to cover till 255'. Displace w/0.75 bbls. **Plug VII, inside/outside 4½" casing, 220 sks, 253 cu ft, perfs at 525', CR @ 511', Kirtland, 255'-525'.**

- RU Wireline & perforate w/4 squeeze holes at 254'. TIH w/4½" CR to 225'. Sting in and establish rate to surface from 254'. Swapped to cement. Spot Plug VIII inside/outside 4½" casing from 254' w/118 sks (135.7 cu ft) Class G cement to cover the surface casing shoe to surface. Circulated 1 bbl cement to surface through BH. Cut wellhead off. TOC inside 4½" casing and inside the annulus at surface. **Plug VIII, inside/outside 4½" casing, 118 sks, 135.7 cu ft, perfs at 254', CR @ 225', Surface, 0'-254'.**
- Fill up cellar w/12 sks, 13.8 cu ft Class G neat cement. Install dry hole marker. Clean location. RD Aztec Rig 481 & cement equipment. Wanda Weatherford w/Farmington BLM FO witnessed job. **Well P&A'd 10/17/2023.**

Tyra Feil

From: Aliph Reena
Sent: Tuesday, December 5, 2023 1:42 PM
To: Tyra Feil
Subject: FW: [EXTERNAL] Re: Dugan Mucho Deal Com1 CBL

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

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Thursday, October 12, 2023 11:35 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; mcrane@aztecwell.com; Kade, Matthew H <mkade@blm.gov>
Cc: arobles@aztecwell.com; Weatherford, Wanda D <wwweatherford@blm.gov>
Subject: Re: [EXTERNAL] Re: Dugan Mucho Deal Com1 CBL

Thank you Kenny/Monica.

When I typed up, I mistakenly typed up the pictured cliffs plug to be inside, it will be an inside outside plug. Will do

Thank you
Aliph

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From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, October 12, 2023 11:28:18 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Aliph Reena <Aliph.Reena@duganproduction.com>; mcrane@aztecwell.com <mcrane@aztecwell.com>; Kade, Matthew H <mkade@blm.gov>
Cc: arobles@aztecwell.com <arobles@aztecwell.com>; Weatherford, Wanda D <wwweatherford@blm.gov>
Subject: Re: [EXTERNAL] Re: Dugan Mucho Deal Com1 CBL

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The BLM finds the proposal appropriate. Note the comment from NM OCD for plug at the 1728 depth, plug IV. An attempt to do an inside outside plug is warranted.

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, October 12, 2023 11:17 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; mcrane@aztecwell.com <mcrane@aztecwell.com>; Rennick, Kenneth G <krennick@blm.gov>

Cc: arobles@aztecwell.com <arobles@aztecwell.com>; Weatherford, Wanda D <wweatherford@blm.gov>

Subject: RE: [EXTERNAL] Re: Dugan Mucho Deal Com1 CBL

Aliph it looks like PC is open a 1728 plug IV – should do inside outside from 1728 to surface 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: Thursday, October 12, 2023 10:56 AM

To: mcrane@aztecwell.com; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kenneth G Rennick <krennick@blm.gov>

Cc: arobles@aztecwell.com; wweatherford@blm.gov

Subject: [EXTERNAL] Re: Dugan Mucho Deal Com1 CBL

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This is for Dugan production Corp, Mucho Deal Com # 1, API - 30-045-22570

Sent from my iPad

On Oct 12, 2023, at 9:53 AM, Aliph Reena <Aliph.Reena@duganproduction.com> wrote:

After reviewing the CBL, the tops appear to be around 2090' & about 5350' on stage 2 & Stage 1 cement jobs. We request to do all plugs inside till 2090' and all plugs above 2090 will be perforated and squeezed as inside/outside plugs.

1. Plug I - Plug IV will be inside plugs as proposed
2. Plugs V, VI & VIII will be inside/outside plugs.

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

Regards,
Aliph Reena
505-360-9192

Sent from my iPad

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 291446

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 291446
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 10/17/2023	12/18/2023