

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

Well Name: ELWOOD P DOWD

Well Location: T24N / R9W / SEC 10 / SESE / 36.323746 / -107.769882

County or Parish/State: SAN JUAN / NM

Well Number: 2

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM9520

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452490500S1

Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2796113

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 06/19/2024

Time Sundry Submitted: 10:08

Date Operation Actually Began: 04/10/2024

Actual Procedure: Dugan Production Corp. P&A'd the well per the attached procedure.

SR Attachments

Actual Procedure

Elwood_P_Dowd_2_BLM_OCD_apvd_PA_revised_proc_from_TOF_20240619100420.pdf

Elwood_P_Dowd_2_BLM_OCD_apvd_revised_proposal_20240619100223.pdf

Elwood_P_Dowd_2_Post_PA_completed_formation_tops_20240619100201.pdf

Elwood_P_Dowd_2_Post_PA_completed_wellbore_schematic_20240619100144.pdf

Elwood_P_Dowd_2_Post_PA_work_20240619100124.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: JUN 19, 2024 10:02 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: 06/20/2024

Signature: Matthew Kade

Dugan Production P&A'd the well per the following procedure on 04/10/2024-05/06/2024:

- Production tubing was stuck in the well and broke off at 4003', when attempted to pull out of the hole. Tubing buried in scale and corroded beyond recovery. Dugan Production tried to fish the tubing from the well from 04/10/2024 to 05/01/2024 using all available fishing tools. Wash over pipe, jars, bumper subs, intensifier, overshot, spear and milled on the fish for 18 days before requesting BLM/NMOCD a sure attempt has been made and the tubing cannot be recovered practically. NMOCD/BLM requested to leave the fish in the hole as it has proven impossible to recover the tubing. P&A operation commenced 05/01/2024.
- Run 4½" casing scraper to 4430' and tagged top of fish. RU acid truck and spot 400 gal 15% on top of fish in a final attempt to clean up the TOF. Left acid on TOF overnight. TOOH w/2-3/8" workstring. Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RIH 4½" Arrowset packer and set packer at 4411'. Attempt to establish rate below the packer to pump around the fish. Cannot establish a rate at 1000 psi. Locked up. Got approval from BLM/NMOCD to commence operations from on top of the fish.
- RIH & set 4½" CIBP @ 4411'. Load and circulate hole clean. RU wireline services to run CBL. Ran CBL from 4411' to surface. Sent copies and revised procedures to BLM/OCD. Copy of communications attached.
- Spot Plug I, inside 4½" casing from 4411' w/30 sks, 34.5 cu ft Class G neat cement to cover the Mancos top and DV tool. Displaced w/15.5 bbls water. WOC overnight. *Checked pressures, Tubing 0 psi, Casing 50 psi, BH 50 psi.* Tagged TOC at 4050'. Good tag. **Plug I, inside 4½" casing, 30 sks, 34.5 cu ft, Mancos-DV tool, 4050'-4411'.**
- Spot Plug II inside 4½" casing from 2570' w/79 sks (90.9 cu ft) Class G cement to cover the Mesaverde, Chacra & Pictured Cliffs tops. Displaced w/6 bbls water. WOC 4 hrs. Tagged TOC @ 1642'. Good tag. **Plug II, inside 4½" casing, 79 sks, 90.9 cu ft, Mesaverde-Chacra-Pictured Cliffs, 1642'-2570'.**
- *Check pressures, Tubing 0 psi, Casing 20 psi, BH 20 psi.*
- RIH w/wireline and shoot squeeze holes at 1447'. TIH w/4 ½" CR and set CR at 1423'. Sting in and attempt to establish rate. Cannot get a rate. Locked up at 1000 psi. Sting out. Spot Plug III inside 4½" casing from 1423' w/18 sks (20.7 cu ft) Class G cement to cover the Fruitland top. Displaced w/4.6 bbls water. WOC 4 hrs. Tagged TOC @ 1214'. Good tag. **Plug III, inside 4½" casing, perforations at 1447', cement retainer at 1423', 18 sks, 20.7 cu ft, Fruitland, 1214'-1423'.**
- RIH w/wireline and shoot squeeze holes at 1081'. TIH w/4½" CR and set CR at 1062'. Sting in and attempt to establish rate. Established rate at 1 bpm @ 550 psi. Swapped to cement. Spot and squeeze inside/outside plug w/142 sks, 163.3 cu ft Class G neat cement to cover the Kirtland & Ojo Alamo tops. 110 sks (126.5 cu ft) outside casing, 2 sks below the CR (2.3 cu ft) inside casing, 30 sks (34.5 cu ft) on top of CR inside casing. Displaced w/2.9 bbls. WOC overnight. Check pressures, Tubing 0 psi, Casing 20 psi, BH 20 psi. Tagged TOC at 652'. Good tag. **Plug IV, inside/outside 4½" casing, perforations at 1081', cement retainer at 1062', 142 sks, 163.3 cu ft, 110 sks (126.5 cu ft) outside casing, 2 sks below the CR (2.3 cu ft) inside casing, 30 sks (34.5 cu ft) on top of CR inside casing, Kirtland-Ojo Alamo, 652'-1081'.**
- Attempt to pressure test casing. Casing won't test. Small leak.
- RIH w/wireline and perforate at 255'. TIH w/2-3/8" tubing to 256'. Establish rate to surface through BH. Swapped to cement. Spot Plug V inside/outside 4½" casing from 256' to surface w/165 sks, 189.8 cu ft to cover the surface casing shoe to surface. Circulated 1 bbl cement to surface through BH. WOC 4 hrs. Cut wellhead off and tagged TOC at surface inside the casing and inside the annulus. **Plug V, inside/outside 4½" casing, perforations at 255', 165 sks, 189.8 cu ft, Surface casing shoe, 0-256'.**
- Install dry hole marker and fill up cellar w/15 sks, 17.25 cu ft Class G neat cement. Clean location. Bill Diers w/BLM witnessed job. **Well P&A'd 05/06/2024.**

Elwood P. Dowd #2
API: 30-045-24905
Unit P Sec 10 T24N R09W
910' FSL & 790' FEL
San Juan County, NM
Lat: 36.324069, Long: -107.770368

Elevation ASL : 6714

Formation Tops

- **Ojo Alamo - 906**
- **Kirtland - 1031**
- **Fruitland - 1397**
- **Pictured Cliffs - 1735**
- **Lewis - 1958**
- **Chacra - 2095**
- **Mesaverde - 2519**
- **DV tool - 4383**
- **Mancos - 4493**
- **Gallup - 4756**
- **Greenhorn - 6108**
- **Graneros - 6170**
- **Dakota - 6248**

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, April 30, 2024 7:14 AM
To: Kuehling, Monica, EMNRD; Aliph Reena; Kade, Matthew H; Lucero, Virgil S
Cc: Tyra Feil; Dean Mestas
Subject: Re: [EXTERNAL] Dugan Production Corp: - Elwood P Dowd # 2 P & A

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.
 The BLM finds the 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: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, April 30, 2024 6:49 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Dean Mestas <dmestas@aztecwell.com>
Subject: RE: [EXTERNAL] Dugan Production Corp: - Elwood P Dowd # 2 P & A

Aliph

NMOCD approves with addition:

Top of the Dakota is 6248 – top perforation is 6356 – Cement will need to be attempted to get to the top perforation of the Dakota – capacity plus 100% 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, April 29, 2024 10:25 PM
To: Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vlucero@blm.gov
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Dean Mestas <dmestas@aztecwell.com>
Subject: [EXTERNAL] Dugan Production Corp: - Elwood P Dowd # 2 P & A

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Re: Dugan Production Corp.
Elwood P Dowd # 2
API: 30-045-24905

Dugan Production request BLM & NMOCD to allow plugging operations to begin from TOF as it is impractical to recover the 2-3/8" production tubing stuck in the well. Dugan Production have worked 14 days w/ Aztec Rig 481 & Select Oil Field Services crew on location attempting to recover the stuck production tubing. The tubing is stuck in the wellbore and has been corroded bad with no integrity remaining, that it is practically impossible to recover the tubing. We were able to recover Tubing from 4002' to 4430' in the last 14 days of operations. We attempted to wash over the stuck tubing and recover the tubing using overshot during the fishing operation. Tubing will twist and get stuck in the wash pipe making it impossible to wash over the fish. Given the situation, we request permission to start P & A operations from TOF @ 4430'.

- Top of fish is at 4430'.
- RIH w/ 4 1/2" packer and set packer @ 4400'.
- Establish rate below the packer to verify injection is possible through the fish.
- Unset packer and TOOH.
- RIH w/ 4 1/2" cement retainer and set retainer at 4390'.
- Pump 130 sks Class G neat cement (149.5 Cu.ft) to cover from 4390' to the top of Gallup perforations at 5218' w/ 100% excess volume.

We believe we have made a deligent attempt to recover the fish. We request permission from BLM & NMOCD to proceed W/ P & A operations from the TOF at 4430'.

Regards,

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

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, May 2, 2024 6:57 AM
To: Rennick, Kenneth G; Aliph Reena; Kade, Matthew H; Lucero, Virgil S; Diers, William B
Cc: Tyra Feil; Dean Mestas
Subject: RE: [EXTERNAL] Dugan Production Corp - Elwood P Dowd # 2 - CBL & Revised proposals

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NMOCD approves below with addition – Inside plug for dv tool at 4383, chacra 2095

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: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, May 1, 2024 6:35 PM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Dean Mestas <dmestas@aztecwell.com>
Subject: Re: [EXTERNAL] Dugan Production Corp - Elwood P Dowd # 2 - CBL & Revised proposals

The BLM finds the procedure appropriate.

Please include this email conversation with the subsequent report due to the fish.

Get Outlook for iOS

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Wednesday, May 1, 2024 6:03:53 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Dean Mestas <dmestas@aztecwell.com>
Subject: [EXTERNAL] Dugan Production Corp - Elwood P Dowd # 2 - CBL & Revised proposals

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**Re: Dugan Production Corp.
Elwood P Dowd # 2
API: 30-045-24905**

Please see the attached CBL ran from 4400' to surface for Dugan Production's Elwood P Dowd # 2. TOC from the CBL appear to be around 1700' behind the casing. We would like to request the following changes to the original approved NOI to P & A.

1. 04/30/2024: Dugan attempted to pump 330 gals 15% HCL on top of fish at 4430'. Displaced w/ 14.5 bbls to balance and let it sit overnight in an attempt to break down any scale build up around the top of the fish and get a rate below. Set 4 1/2" arrowset packer @ 4411' and attempt to establish rate below the packer. Cannot get a rate, locked up at 1000 psi. Notified BLM & NMOCD on phone and got verbal approval to start P & A operations from the TOF at the CIBP setting depth of 4400'.
2. **Plug V:** Split Pictured Cliffs & Fruitland plug to two separate plugs, Plug V and Plug VI. Spot Plug V, Pictured Cliffs from 1635'-1785' inside w/ 18 sks.
3. **Plug VI: Fruitland**, will be changed to inside-outside from 1297'-1447'. Shoot perforations @ 1447'.
4. **Plug VII: Kirtland-Ojo Alamo** will be changed to inside-outside from 806'-1081'. Shoot perforations @ 1081'.
5. **Plug VIII-Surface** will be changed to inside-outside from 255' to surface. Shoot perforations @ 255'.

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

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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 811 S. First St., Artesia, NM 88210
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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 356224

CONDITIONS

| | |
|--|--|
| Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499 | OGRID: 6515 |
| | Action Number: 356224 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------------------|----------------|
| mkuehling | well plugged 5/6/2024 | 6/21/2024 |