

Well Name: ANABEL C	Well Location: T25N / R8W / SEC 34 / SWSW / 36.35191 / -107.67528	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM42425	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452545200S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2808560

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/27/2024

Time Sundry Submitted: 07:52

Date Operation Actually Began: 07/19/2024

Actual Procedure: Dugan Production P&A'd the well on 7/19/2024 - 7/25/2024 per the attached procedure.

SR Attachments

Actual Procedure

- Anabel_C_1_OCD_apvd_plug_changes_20240827074844.pdf
- Anabel_C_1_BLM_apvd_plug_changes_20240827074823.pdf
- Anabel_C_1_BLM_OCD_apvd_plug_changes_7_24_24_20240827074710.pdf
- Anabel_C_1_SR_PA_formation_tops_20240827074625.pdf
- Anabel_C_1_SR_PA_completed_schematic_20240827074504.pdf
- Anabel_C_1_SR_PA_work_20240827074436.pdf

Well Name: ANABEL C	Well Location: T25N / R8W / SEC 34 / SWSW / 36.35191 / -107.67528	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM42425	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452545200S1	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 27, 2024 07:42 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 07/19/2024-07/25/2024 per the following procedure:

- MI&RU Aztec Well Services Rig 481 and spot in equipment. Check pressures, Tubing 0 psi, Casing 8 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. Run 4½" string mill for casing scraper to 6534'. Tagged hard. Attempt to drill and clean out fill. Cannot make more holes past 6534'. Notified BLM/NMOCD. Got approvals to begin P&A ops from Gallup perforations.
- RIH & set 4½" CIBP @ 5969'. Gallup perforations @ 6019'-6624'. Load and circulate hole. Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi
- Spot Plug I inside 4½" casing from 5969' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/22.1 bbls water. WOC overnight. Tagged TOC at 5796'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup perforations, 5796'-5969'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. Attempt to pressure test casing to 650 psi. Casing won't test.
- RIH w/wireline and shoot squeeze holes at 5723'. Set 4½" cement retainer at 5673'. Sting in and establish rate through the squeeze holes at 5723'. Rate at 700 psi, 1.6 BPM. Spot Plug II inside/outside 4½" casing from 5723' w/58 sks (66.7 cu ft) Class G cement to cover the Gallup top. 40 sks outside (46 cu ft) 4½" casing, 4 sks (4.6 cu ft) below and 14 sks (16.1 cu ft) above the CR. Displaced w/21.1 bbls total and to balance. WOC overnight. Tagged TOC at 5480'. Good tag. **Plug II, Inside/Outside 4½" casing, perforations at 5723', CR at 5673', 58 sks, 66.7 cu ft, Gallup, 5480'-5723'.**
- Spot Plug III inside 4½" casing from 5339' w/30 sks, 34.5 cu ft Class G neat cement to cover the Mancos top and DV tool. Displaced w/19.1 bbls. WOC 4 hrs. Tagged TOC at 4962'. Good tag. **Plug III, inside 4½" casing, 30 sks, 34.5 cu ft, Mancos-DV, 4962'-5339'.**
- Spot Plug IV inside 4½" casing from 4217' w/18 sks, 20.7 cu ft, Class G neat cement to over the Mesaverde top. Displaced w/15.4 bbls. WOC 4 hrs. Tagged TOC at 3995'. Good tag. **Plug IV, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3995'-4217'.**
- Attempt to pressure test casing to 650 psi for 30 minutes, **Casing tested good.**
- Spot Plug V inside 4½" casing w/15 sks, 17.3 cu ft, Class G neat cement to cover the Chacra top from 3515' to 3320'. Displaced w/12.8 bbls. **Plug V, inside 4½" casing, 15 sks, 17.3 cu ft, Chacra, 3320'-3515'.**
- Spot Plug VI inside 4½" casing w/28 sks (32.2 cu ft) Class G cement to cover the DV tool & Pictured Cliffs top from 2862' to 2502'. Displaced w/9.6 bbls. **Plug VI, inside 4½" casing, 28 sks, 32.2 cu ft, DV tool-Pictured Cliff, 2502'-2862'.**
- Spot Plug VII inside 4½" casing w/42 sks (48.3 cu ft) Class G cement to cover Fruitland-Kirtland-Ojo Alamo top from 2320' to 1779'. Displaced w/6.9 bbls. **Plug VII, inside 4½" casing, 42 sks, 48.3 cu ft, Fruitland-Kirtland-Ojo Alamo, 1779'-2320'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RU Wireline and shoot squeeze holes at 250'. Establish rate through perforations to surface through BH. Rate at 2.8 bpm, 50 psi. RIH open ended to 264'. Spot Plug VIII inside/outside 4½" casing from 264' to surface w/113 sks (130 cu ft) Class G cement to surface to cover the surface casing shoe. WOC 4 hrs. Cut wellhead off. Tagged TOC inside 4½" at surface and at 12' inside annulus. Good tag. **Plug VIII, Inside/Outside 4½" casing, perforations at 250', 113 sks, 130 cu ft, Surface, 0'-264'.**
- Install dry hole marker and fill up cellar with 18 sks, 20.7 cu ft Class G neat cement. Clean location. RD Aztec Rig 481. Lucas Mason w/BLM witnessed job.
- **Well P&A'd 07/25/2024.**

Anabel C #1

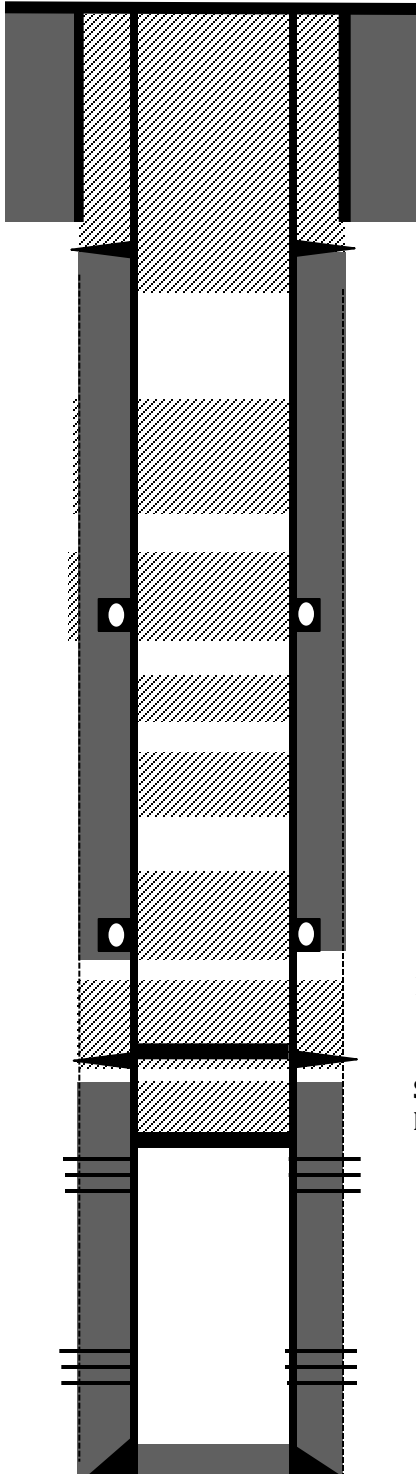
API: 30-045-25452

Unit M Sec 34 T25N R08W

660' FSL & 790' FWL

San Juan County, NM

Lat:36.3519974 Long:-107.6759872



8-5/8" 24# casing @ 214'. Cemented with 159 Cu.ft Class B.
Circulated to surface. Hole size 12-1/4"

Plug VIII, Inside/Outside 4 1/2" casing, Perforations at 250', 113 sks, 130 Cu.ft, Surface, 0'-264'

Plug VII, Inside 4 1/2" casing, 42 sks, 48.3 Cu.ft, Fruitland-Kirtland-Ojo Alamo, 1779'-2320'

Plug VI, Inside 4 1/2" casing, 28 sks, 32.2 Cu.ft, DV tool-Pictured Cliff, 2502'-2862'.

Plug V, Inside 4 1/2" casing, 15 sks, 17.3 Cu.ft, Chacra, 3320'-3515'

Plug IV, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3995'-4217'

Plug III, Inside 4 1/2" casing, 30 sks, 34.5 Cu.ft, Mancos-DV, 4962'-5339'.

Plug II, Inside/Outside 4 1/2" casing, Perforations at 5723', CR at 5673', 58 sks, 66.7 Cu.ft, Gallup, 5480'-5723'

Set CIBP at 5969'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Gallup Perforations, 5796'-5969'

Gallup perforations @ 6019'-6624'

Cemented Stage I w/ 615 Cu.ft, 50/50 poz. DV tool @ 5289'.
Stage II w/ 1031 cu.ft 65-35-12. DV tool @ 2812'
Stage III w/ 952 Cu.ft 65-35-12.

Dakota perforations @ 7001'-7028'

4 1/2" 10.5 # casing @ 6040'

Anabel C #1

API: 30-045-25452

Unit M Sec 34 T25N R08W

660' FSL & 790' FWL

San Juan County, NM

Lat:36.3519974 Long:-107.6759872

Elevation GL : 7310' GL

Formation Tops (Reference for P & A)

- **Surface Casing – 214'**
- **Ojo Alamo – 1893'**
- **Kirtland – 2003'**
- **Fruitland – 2200'**
- **Pictured Cliffs – 2603'**
- **Lewis – 2734'**
- **DV tool I – 2812'**
- **Chacra – 3465'**
- **Mesaverde – 4167'**
- **Mancos – 5135'**
- **DV tool II- 5289'**
- **Gallup – 5673'**
- **Greenhorn – 6930'**
- **Graneros – 6979'**
- **Dakota – 7000'**

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, July 22, 2024 7:27 AM
To: Aliph Reena; Rennick, Kenneth G; Kade, Matthew H; Mason, Lucas E
Cc: Tyra Feil; Alex Prieto-Robles
Subject: RE: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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NMOCD approves to continue from cibp at 5969 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: Sunday, July 21, 2024 9:57 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Mason, Lucas E <lmason@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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Re: Dugan Production Corp.
API: 30-045-25452
Anabel C # 1

We request permission to start P & A operations from Gallup perforations on this well, Plug II on the NOI.

While attempt to run the 4 ½" string mill through the Gallup perforations (6019-6624') we encountered hard fill at 6534'. We drilled on the fill for 5 hrs with no mode depth made after hard tag at 6534'. We cannot get much circulation to surface as we are below the Gallup perfs. We request permission to start P & A operations from Gallup plug onwards from 5969', CIBP setting depth. Dakota perforations are from 7001'-7028'.

Please let us know and we will proceed accordingly.

Aliph Reena

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

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, July 22, 2024 7:27 AM
To: Aliph Reena; Kade, Matthew H; Kuehling, Monica, EMNRD; Mason, Lucas E
Cc: Tyra Feil; Alex Prieto-Robles
Subject: Re: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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The BLM finds the proposed procedure appropriate.

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From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Sunday, July 21, 2024 9:57:21 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Mason, Lucas E <lmason@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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Re: Dugan Production Corp.
API: 30-045-25452
Anabel C # 1

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Please let us know and we will proceed accordingly.

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

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, July 24, 2024 7:14 AM
To: Rennick, Kenneth G; Aliph Reena; Kade, Matthew H; Lucero, Virgil S; Mason, Lucas E; Dishface, Natasha N; Jerold Manybeads
Cc: Alex Prieto-Robles; Tyra Feil
Subject: RE: [EXTERNAL] RE: dugan_anabel_c_1_cbl.pdf

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NMOCD approves below

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, July 24, 2024 6:59 AM
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>; Mason, Lucas E <lmason@blm.gov>; Dishface, Natasha N <ndishface@blm.gov>; Jerold Manybeads <jmanybeads@aztecwell.com>
Cc: Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: Re: [EXTERNAL] RE: dugan_anabel_c_1_cbl.pdf

BLM finds the procedure appropriate.

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From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, July 23, 2024 6:25:44 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Mason, Lucas E <lmason@blm.gov>; Dishface, Natasha N <ndishface@blm.gov>; Jerold Manybeads <jmanybeads@aztecwell.com>
Cc: Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] RE: dugan_anabel_c_1_cbl.pdf

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Re: Dugan Production Corp.

Anabel C # 1

API: 30-045-25452

Based on the CBL run on this well, we request the following revisions on the original approved NOI.

1. **Plug I:** Will split Plug I, into two plugs. Will perforate at 5723' for Gallup top and will do inside/outside.
2. **Chacra:** Will split the Chacra plug as its own. Chacra plug will be 3365'-3515'32
3. **Plug VII:** Perforate at 250'. Run open ended to 264'. Circulate cement to surface through BH.

Please let us know if the revised proposal is acceptable to NMOCD/BLM and we will proceed accordingly.

Aliph Reena

Engineering Supervisor

Dugan Production Corp.

Cell: 505-360-9192

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

Sent: Monday, July 22, 2024 3:45 PM

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

Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Vlucero@blm.gov; Mason, Lucas E <lmason@blm.gov>; Dishface, Natasha N <ndishface@blm.gov>; Jerold Manybeads <jmanybeads@aztecwell.com>

Subject: dugan_anabel_c_1_cbl.pdf

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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 378684

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 378684
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 7/25/24	10/2/2024