

Well Name: TSAH TAH 1	Well Location: T24N / R10W / SEC 1 / SWNW / 36.346472 / -107.853118	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM112955	Unit or CA Name:	Unit or CA Number:
US Well Number: 300453413400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2765064

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/07/2023

Time Sundry Submitted: 01:57

Date Operation Actually Began: 11/07/2023

Actual Procedure: Dugan Production P&A'd the well between 11/07/2023-11/09/2023 per the following procedure: 1) MI&RU Aztec Rig 481 and cement equipment. Spot in and NU BOP. PU and Tally 2-3/8", 4.7# tubing for workstring. 2) Tag 4½" CIBP @ 1498'. Fruitland Coal perforations @ 1546'-1747'. Load hole. Attempt to pressure test casing to 650 psi for 30 mins. Casing tested good. 3) Run CBL from 1498' to surface. Sent copies and revised proposals to BLM/NMOCD. Copies of communications attached. 4) Spot Inside Plug I above CIBP @ 1498' w/12 sks (13.8 cu ft) Class G neat cement to 1341' to cover the Fruitland top (5 gal/sk, 15.8 #/gal, 1.15 cu ft/sk). Displaced w/5.2 bbls. Plug I, inside 4½" casing, 1341'-1498', Fruitland, 12 sks, 13.8 cu ft. 5) Top of cement behind casing around this plug. Spot Plug II inside 4½" casing from 1060' w/6 sks, 6.9 cu ft Class G neat cement. Displaced w/3.8 bbls. WOC overnight. Tag TOC @ 990'. Good tag. TOOH w/tubing. RIH w/wireline and perforate at 985'. Establish rate at 2.3 bpm @ 100 psi through the squeeze holes. TIH w/4½" CR and set CR at 975'. Sting in and spot Plug II outside the 4½" casing w/48 sks, 55.2 cu ft Class G neat cement. Locked up to 1000 psi after 6.5 bbls cement (32 sks, 35.9 cu ft) pumped. Sting out of the retainer. Spot the rest of the cement, 3.5 bbls cement (16 sks, 18.4 cu ft) on top of the retainer. WOC 4 hrs. Tagged TOC @ 946'. Tagged low. Spot plug w/16 sks, 18.4 cu ft Class G neat cement on top from tagged depth. Displaced w/2.8 bbls. WOC overnight. Tagged TOC @ 730'. Good tag. Plug II, inside/outside, Kirtland-Ojo Alamo, perforations at 985', retainer at 975', 70 sks, 80.5 cu ft, 730'-1060'. 6) Perforate @ 189'. TIH open ended to 193'. Spot inside/outside Plug III from 193' w/74 sks Class G neat cement (85.1 cu ft) to cover the surface casing shoe to surface. Circulate 1 bbl cement to surface. Shut down. WOC 4 hrs and cut wellhead off. TOC inside 4½" casing and annulus at surface. Plug III, inside/outside 4½" casing, 0-193', Surface, 74 sks, 85.1 cu ft. 7) Fill up cellar and install dry hole marker w/18 sks, 20.7 cu ft Class G cement. 8) Clean location. Rig down Aztec 481 and move. Casey Arnett w/BLM FFO witnessed job. Well P&A'd 11/09/2023.

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US Well Number: 300453413400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

SR Attachments

Actual Procedure

- Tsah_Tah_1_2_BLM_OCD_apvd_plug_change_20231207135518.pdf
- Tsah_Tah_1_2_Post_PA_completed_wellbore_schematic_20231207135508.pdf
- Tsah_Tah_1_2_Post_PA_work_20231207135457.pdf

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 07, 2023 01:54 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: 12/07/2023
Signature: Matthew Kade	

Dugan Production P&A'd the well between 11/07/2023-11/09/2023 per the following procedure:

- MI&RU Aztec Rig 481 and cement equipment. Spot in and NU BOP. PU and Tally 2-3/8", 4.7# tubing for workstring.
- Tag 4½" CIBP @ 1498'. Fruitland Coal perforations @ 1546'-1747'. Load hole. Attempt to pressure test casing to 650 psi for 30 mins. Casing tested good.
- Run CBL from 1498' to surface. Sent copies and revised proposals to BLM/NMOCD. Copies of communications attached.
- Spot Inside Plug I above CIBP @ 1498' w/12 sks (13.8 cu ft) Class G neat cement to 1341' to cover the Fruitland top (5 gal/sk, 15.8 #/gal, 1.15 cu ft/sk). Displaced w/5.2 bbls. **Plug I, inside 4½" casing, 1341'-1498', Fruitland, 12 sks, 13.8 cu ft.**
- Top of cement behind casing around this plug. Spot Plug II inside 4½" casing from 1060' w/6 sks, 6.9 cu ft Class G neat cement. Displaced w/3.8 bbls. WOC overnight. Tag TOC @ 990'. Good tag. TOOH w/tubing. RIH w/wireline and perforate at 985'. Establish rate at 2.3 bpm @ 100 psi through the squeeze holes. TIH w/4½" CR and set CR at 975'. Sting in and spot Plug II outside the 4½" casing w/48 sks, 55.2 cu ft Class G neat cement. Locked up to 1000 psi after 6.5 bbls cement (32 sks, 35.9 cu ft) pumped. Sting out of the retainer. Spot the rest of the cement, 3.5 bbls cement (16 sks, 18.4 cu ft) on top of the retainer. WOC 4 hrs. Tagged TOC @ 946'. Tagged low. Spot plug w/16 sks, 18.4 cu ft Class G neat cement on top from tagged depth. Displaced w/2.8 bbls. WOC overnight. Tagged TOC @ 730'. Good tag. **Plug II, inside/outside, Kirtland-Ojo Alamo, perforations at 985', retainer at 975', 70 sks, 80.5 cu ft, 730'-1060'.**
- Perforate @ 189'. TIH open ended to 193'. Spot inside/outside Plug III from 193' w/74 sks Class G neat cement (85.1 cu ft) to cover the surface casing shoe to surface. Circulate 1 bbl cement to surface. Shut down. WOC 4 hrs and cut wellhead off. TOC inside 4½" casing and annulus at surface. **Plug III, inside/outside 4½" casing, 0-193', Surface, 74 sks, 85.1 cu ft.**
- Fill up cellar and install dry hole marker w/18 sks, 20.7 cu ft Class G cement.
- Clean location. Rig down Aztec 481 and move. Casey Arnett w/BLM FFO witnessed job. **Well P&A'd 11/09/2023.**

Completed Wellbore Schematic

Tsah Tah 1 #2

30-045-34134

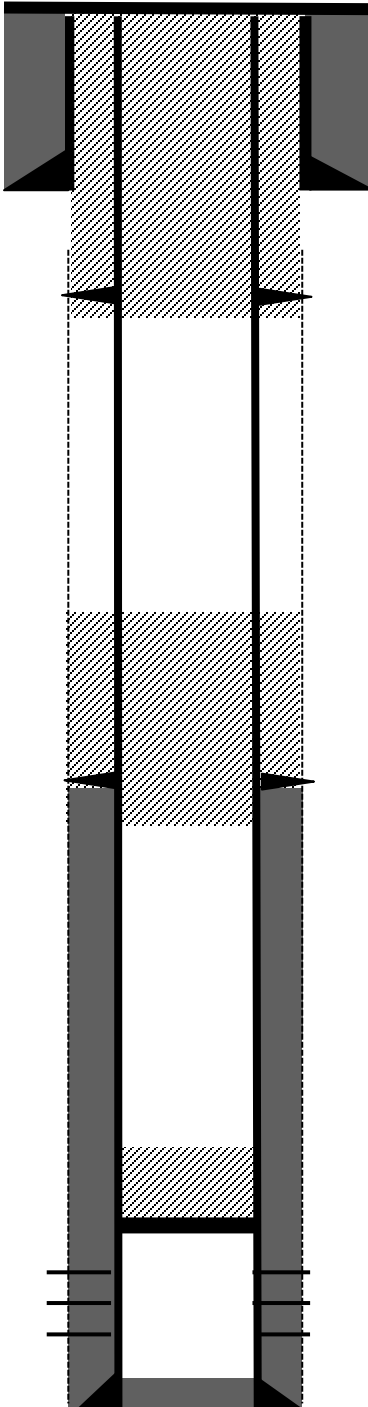
Basin Fruitland

1432' FNL & 1177' FWL

S1 T24N R10W

San Juan County, NM

Lat:36.3464699 Long:-107.8530884



7" 20# casing @ 139'. Cemented with 65 sks Type 5 cement.
Hole size: 8-3/4". Circulate 6 bbls cement to surface.

**Plug III, inside/outside 4 1/2" casing, 0-193', Surface, 74 sks,
85.1 Cu.ft.**

**Plug II, Inside/Outside, Kirtland-Ojo Alamo, perforations at 985',
retainer at 975', 70 sks, 80.5 Cu.ft, 730'-1060'**

4 1/2" 10.5# casing @ 1898'. Hole size: 6-1/4"

Cemented production casing w/ 225 sks Type 5. TOC @ 1012' from CBL
reported.

**4 1/2" CIBP @ 1498'. Plug I, Inside 4 1/2" casing, 1341'-1498',
Fruitland, 12 sks, 13.8 Cu.ft.**

Fruitland Coal Perforated @ 1546' – 1747'

PBTD @ 1880, TD 1935'

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, November 7, 2023 1:21 PM
To: Kuehling, Monica, EMNRD; Aliph Reena; Kade, Matthew H; Alex Prieto-Robles; Arnett, Casey W
Cc: Tyra Feil
Subject: Re: [EXTERNAL] RE: Dugan Tsah Tah 1 #2

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The BLM finds the proposal appropriate.

Kenny Rennick

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, November 7, 2023 1:18 PM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Alex Prieto-Robles <arobles@aztecwell.com>; Arnett, Casey W <carnett@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: RE: [EXTERNAL] RE: Dugan Tsah Tah 1 #2

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: Tuesday, November 7, 2023 12:40 PM

To: Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Alex Prieto-Robles <arobles@aztecwell.com>; carnett@blm.gov

Cc: Tyra Feil <Tyra.Feil@duganproduction.com>

Subject: [EXTERNAL] RE: Dugan Tsah Tah 1 #2

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Aliph Reena P.E

Engineering Supervisor

Dugan Production Corp.

Cell: 505-360-9192

From: Aliph Reena

Sent: Tuesday, November 7, 2023 12:31 PM

To: Kade, Matthew H <mkade@blm.gov>; 'Kuehling, Monica, EMNRD' <monica.kuehling@emnrd.nm.gov>; 'Rennick, Kenneth G' <krennick@blm.gov>; Alex Prieto-Robles <arobles@aztecwell.com>; carnett@blm.gov

Cc: Tyra Feil <Tyra.Feil@duganproduction.com>

Subject: FW: Dugan Tsah Tah 1 #2

Please see the attached CBL from Dugan Production's **Tsah Tah 1 # 2, API: 30-045-34134**. After reviewing the CBL, the TOC appear to be approx. around 1004'.

Based on the CBL we propose the following change to Plug II.

1. Plug II, Kirtland-Ojo Alamo: Will do inside from 1060' to 1000'. Reverse Out @ 1000'. RIH & perforate @ 990'. Set CR @ 980'. Do inside outside plug from 990' to 810' to cover to the top of Ojo Alamo.

All other plugs will be spotted as originally proposed in the approved NOI. Please let us know so we can proceed accordingly with the P & A ops

Aliph Reena P.E

Engineering Supervisor

Dugan Production Corp.

Cell: 505-360-9192

From: William Richardson <wrichardson@thewirelinegroup.com>

Sent: Tuesday, November 7, 2023 11:41 AM

To: Aliph Reena <Aliph.Reena@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>; monica.kuehling@emnrd.nm.gov; krennick@blm.gov

Subject: Dugan Tsah Tah 1 #2

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FYI

William Richardson
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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 292474

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 292474
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 11/9/2023	12/18/2023