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

Sundry Print Report

12/08/2025

Well Name: HORACE SMITH COM

Well Location: T30N / R14W / SEC 26 / NESE / 36.78236 / -108.27275

County or Parish/State: SAN JUAN / NM

Well Number: 1R

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM0206994

Unit or CA Name: HORACE SMITH

Unit or CA Number: NMNM76182

US Well Number: 300452434600S1

Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2885045

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/03/2025

Time Sundry Submitted: 12:11

Date Operation Actually Began: 10/20/2025

Actual Procedure: Dugan Production plugged & abandoned the well from 10/20/2025 - 11/04/2025 per the attached procedure.

SR Attachments

Actual Procedure

Horace_Smith_Com_1R_BLM_OCD_apvd_plug_changes_20251203111731.pdf

Horace_Smith_Com_1R_gps_marker_photos_20251203111711.pdf

Horace_Smith_Com_1R_SR_PA_completed_work_BLM_Geo_Report_adding_plug_20251203111648.pdf

Horace_Smith_Com_1R_SR_PA_formation_tops_20251203111642.pdf

Horace_Smith_Com_1R_SR_PA_completed_wellbore_schematic_20251203111631.pdf

Horace_Smith_Com_1R_SR_PA_completed_work_20251203111621.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: DEC 03, 2025 12:07 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 12/05/2025

Signature: Kenneth Rennick

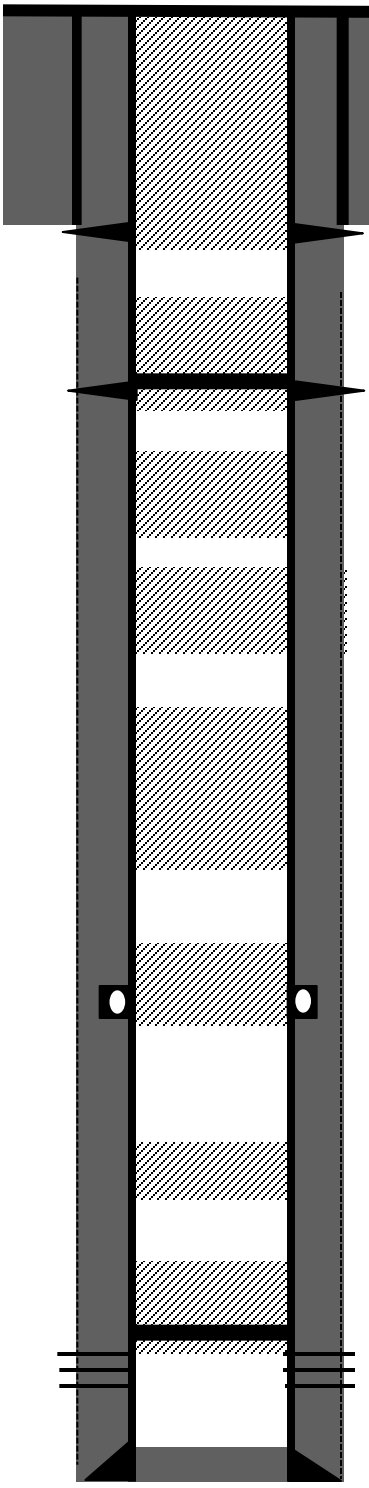
Dugan Production plugged and abandoned the Horace Smith Com 1R from **10/20/2025 to 11/04/2025** according to the following procedure:

- MI & RU Aztec Well Service Rig 450. Spot in and RU cement equipment.
- Check pressures: Tubing 5 psi, Casing 25 psi, BH 50 psi.
- Pull and LD production tubing.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU & tally 2-3/8" work string. Run 4½" string mill to scrape casing to 5847'.
- RIH & set 4½" cement retainer to 5794'. Dakota perforations are from 5844'-6067'.
- Load and circulate hole clean with 95.0 bbls of water.
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate: 0.75 bbls/min at 400 psi.
- Run CBL from 5790' to surface. Sent copy of CBL to NMOCD. Copy of communications attached.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 30 psi.
- **Plug I, Dakota Perforations-Dakota-Graneros:** Sting in retainer at 5794', establish injection rate: 2.5 bbls/min at 800 psi. Swap to cement. Squeeze 20 sks, 23 cu ft Class G neat cement to cover the Dakota top below the retainer till top perforations at 5844'. Sting out. Spot Plug I inside 4½" casing above the CIBP from 5794' w/18 sks, 20.7 cu ft Class G neat cement to cover the Dakota perforations, Dakota and Graneros tops. Displaced with 18.7 of water. WOC 4 hrs. Tagged TOC at 5530'. Good tag. **Plug I, Inside 4½" casing, Cement retainer at 5794', 38 sks, 43.7 cu ft, Dakota Perforations-Dakota top-Graneros, 5530'-5844'.**
- **Plug II, Gallup:** Spot Plug II inside 4½" casing from 5031' w/18 sks (20.7 cu ft) Class G neat cement to cover the Gallup top. Displaced with 18.5 bbls of water. WOC overnight. Tagged TOC at 4880'. Good tag. **Plug II, Inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 4880'-5031'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to pressure test casing to 650 psi, test failed. Same leak than before.
- **Plug III, Mancos-DV:** Spot Plug III inside 4½" casing from 4140' w/24 sks (27.6 cu ft) Class G neat cement to cover the DV tool & Mancos top. Displaced 14.8 bbls of water. WOC 4 hrs. Tagged TOC 3920'. Good tag. **Plug III, Inside 4½" casing, 24 sks, 27.6 cu ft, Mancos-DV, 3920'-4140'.**
- Attempt to pressure test casing to 650 psi. test failed. Has smaller leak lost 200 psi in 1 minute.
- **Plug IV, Mesaverde, Lower Chacra & Upper Chacra:** Spot Plug IV inside 4½" casing from 2774' w/78 sks, 89.7 cu ft Class G neat cement to cover the Mesaverde, Lower Chacra & Upper Chacra tops. Displaced with 6.8 bbls of water. WOC overnight. Tagged TOC at 1860'. Good tag. **Plug IV, Inside 4½" casing, 78 sks, 89.7 cu ft, Mesaverde-Lower Chacra-Upper Chacra, 1860'-2774'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Pressure test casing to 650 psi for 30 minutes. Good test.**
- **Plug VA, Pictured Cliffs:** Spot Plug VA inside 4½" casing from 1283' to 1051' w/18 sks, 20.7 cu ft Class G neat cement to cover the Pictured Cliffs top. Displaced with 4 bbls of water. **Plug VA, Inside 4½" casing, 18 sks, 20.7 cu ft, Pictured Cliff, 1051'-1283'.**
- **Plug VB, BLM Geologist Plug for Water Feature:** Spot Plug V B inside 4½" casing from 946' to 795' w/12 sks, 13.8 cu ft Class G cement to cover the BLM Geologist Plug. Displaced with 3 bbls of water. **Plug VB, Inside 4½" casing, 12 sks, 13.8 cu ft, BLM Geologist Plug for Water Feature, 795'-946'.**

- **Plug VIA: Fruitland:** RU WL. RIH and shoot squeeze holes at 680'. RIH and set 4½" CICR at 633'. Sting in, establish injection rate: 1.2 bbls/min at 200 psi. Swap to cement. Squeeze Plug VIA inside/outside 4½" casing from 680' w/58 sks, 66.7 cu ft class G cement with 2% CaCI2 to cover the Fruitland top. 40 sks, 46 cu ft, outside; 4 sks, 4.6 cu ft. below CICR; 14 sks, 16.1 cu ft, above CICR inside casing. Displaced with 1.7 bbls of water. WOC 4 hrs. Tagged TOC at 454'. Good tag. **Plug VI A, Inside/Outside 4½" casing, perforations at 680', CICR at 633', 58 sks, 66.7 cu ft, Fruitland top, 454'-680'.**
- **Plug VIB: Kirtland-Surface Casing-Surface:** RU WL. RIH and shoot squeeze holes at 309'. Establish injection rate: 1.4 bbls/min at 50 psi. Swap to cement. Squeeze Plug VIA inside/outside 4½" casing from 320'. Squeeze Plug VIB inside/outside 4½" casing from 320' to surface w/112 sks, 128.8 cu ft to cover the Kirtland, Surface Casing shoe to surface. No displacement. WOC overnight. RU welder, cut wellhead off. Tagged TOC at 5' inside & 5' annulus. Good tag. **Plug VIB, Inside/outside 4½" casing, Perforations at 309', EOT at 320', 112 sks, 128.8 cu ft, Kirtland- Surface Casing-Surface, 0-320'.**
- Fill celllar and install dry hole marker w/20 sks, 23 cu ft, Class G neat cement.
- RD Aztec Well Service Rig 450. Clean location, move.
- Monty Gomez with BLM witnessed the job.
- Photos of P & A marker and GPS coordinates attached per NMOCD COA.
- **Well P & A'd on 11/04/2025.**

Completed P & A Schematic

Horace Smith Com # 1R
30-045-24346
Basin Dakota
1640' FSL & 1120' FEL
I-S26-T30N-R14W
San Juan County, NM



Hole 12 ¼", Casing 8-5/8" 24# @ 259'
Cemented w/ 150 sks Class B. Cement circulated.

Plug VI B, Inside/outside 4½" casing, Perforations at 309', EOT at 320', 112 sks, 128.8 cu ft, Kirtland- Surface Casing-Surface, 0-320'.

Plug VI A, Inside/outside 4½" casing, Perforations at 680', CICR at 633', 58 sks, 66.7 cu ft, Fruitland top, 454'-680'.

Plug V B, Inside 4½" casing, 12 sks, 13.8 cu ft, BLM Geologist Plug for Water Feature, 795'-946'.

Plug V A, Inside 4½" casing, 18 sks, 20.7 cu ft, Pictured Cliff, 1051'-1283'

Plug IV, Inside 4 ½" casing, 78 sks, 89.7 Cu.ft, Mesaverde-Lower Chacra-Upper Chacra, 1860'-2774'

Plug III, Inside 4 ½" casing, 24 sks, 27.6 Cu.ft, Mancos-DV, 3920'-4140'

4 ½" 10.5# casing @ 6144. Hole 7-7/8"
1st stage: 200 sks Class B 8% gel + 127 sks class B. (Total slurry 531 Cu ft). Stage tool @ 4090'. 2nd stage w/ 400 sks 65-35 +12% gel, 100 sks Class B neat (Total slurry 1222 cu ft).

Plug II, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Gallup, 4880'-5031'

Plug I, Inside 4 ½" casing, Cement Retainer at 5794' 38 sks, 43.7 Cu.ft, Dakota Perforations-Dakota top-Graneros, 5330'-5844'.

CR at 6794'. Squeeze 20 sks, 23 Cu.ft Class B G neat cement to cover the Dakota top till the top perforations at 5844'.
Dakota perforations from 5844'-6067'

4 ½" 10.5 # casing @ 6144', Hole size 7-7/8"

Horace Smith Com # 1R
30-045-24346
Basin Dakota
1640' FSL & 1120' FEL
I-S26-T30N-R14W
San Juan County, NM

Elevation ASL : 5583' GL

Formation Tops (Referenced for the P & A)

- **Kirtland - Surface**
- **Surface Casing – 259'**
- **Fruitland – 630'**
- **Pictured Cliffs – 1225'**
- **Lewis – 1340'**
- **Chacra Upper– 1960'**
- **Chacra Lower – 2230'**
- **Mesaverde – 2724'**
- **Mancos – 4030'**
- **DV tool – 4090'**
- **Gallup – 4984'**
- **Greenhorn – 5622'**
- **Graneros – 5791'**
- **Dakota – 5836'**
- **Dakota perforations – 5844'-6067'**

Tyra Feil

From: Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>
Sent: Friday, October 31, 2025 11:24 AM
To: Rennick, Kenneth G; Aliph Reena; Lucero, Virgil S; Garcia, John, EMNRD; Vermersch, Thomas, EMNRD; Durham, John, EMNRD; Smith, Clarence, EMNRD
Cc: Tyra Feil; Indalecio Roldan; Alex Robles; Omar Ramirez; Cody Wheeler
Subject: RE: [EXTERNAL] Horace Smith Com # 1R

NMOCD is OK with this request also.

Loren

Thank you,
Loren Diede
Senior Petroleum Specialist
Engineering Special Projects
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-394-3582 OCD cell

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, October 31, 2025 10:04 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Lucero, Virgil S <vlucero@blm.gov>; Garcia, John, EMNRD <JohnA.Garcia@emnrd.nm.gov>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Smith, Clarence, EMNRD <Clarence.Smith@emnrd.nm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Indalecio Roldan <Indalecio.Roldan@duganproduction.com>; Alex Robles <arobles@aztecwell.com>; Omar Ramirez <oramirez@aztecwell.com>; Cody Wheeler <Cody.Wheeler@duganproduction.com>
Subject: Re: [EXTERNAL] Horace Smith Com # 1R

The BLM finds the proposal 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: Friday, October 31, 2025 9:53 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Garcia, John, EMNRD <johna.garcia@emnrd.nm.gov>; Diede, Loren, EMNRD <loren.diede@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <thomas.vermersch@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Smith, Clarence, EMNRD <clarence.smith@emnrd.nm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Indalecio Roldan <Indalecio.Roldan@duganproduction.com>; Alex Robles <arobles@aztecwell.com>; Omar Ramirez <oramirez@aztecwell.com>; Cody Wheeler <Cody.Wheeler@duganproduction.com>
Subject: [EXTERNAL] Horace Smith Com # 1R

RE: Revised proposal post CBL
Dugan Production Corp
Horace Smith Com # 1R
API: 30-045-24346

From the CBL, the TOC appears to be approximately 4450' from Stage I & 800' from Stage II. There is some bonding behind the casing till 430' but it is not very convincing. We will attempt to perforate any plug above 800' and attempt to get a rate through the perforations.
Based on the CBL we request the following changes to the original approved NOI.

- **Fruitland, 530'-680', Change from inside plug to inside/outside plug:** Perforate at 680'. Attempt to get a rate through the squeeze holes. If a rate cannot be established through squeeze holes, we request permission to do an inside plug for Fruitland.

- **Surface, 0-309', Change from inside plug to inside/outside plug:** Perforate at 309'. Attempt to break circulation to surface through BH. If a rate cannot be established to surface, will re-attempt 50' higher.

All other plugs will be inside plugs as approved in the original NOI.

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

Aliph Reena
505-360-919

Aliph Reena
Engineering Supervisor
Dugan Production Corp

O: 505-325-1821 | D: 505-360-9192

aliph.reena@duganproduction.com

DuganProduction.com

1280 Troy King Rd. | Farmington, NM
Mailing: PO Box 420 | Farmington, NM 87499-0420

BLM - FFO - Geologic Report

Date Completed 10/28/2025

Well No.	Horace Smith Com 1R			Surf. Loc.	1640	FSL	1120 FEL
Agrmt:	NMNM76182			Sec.	26	T30N	R14W
Lease No.	NMNM0206994						
US Well No:	3004524346						
Operator	Dugan Production Co.			County	San Juan	State	New Mexico
TVD	6150	PBTD	6150	Formation	Basin Dakota		
Elevation	GL	5583		Elevation	Est. KB	5595	

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Kirtland Fm.	Surface		
Fruitland Fm.	630	4965	Coal/gas/possible water
Pictured Cliffs	1225	4370	Possible gas/water
Lewis Shale (Main)	1340	4255	Source rock
Chacra (upper)	1960	3635	Possible gas/water
Chacra (lower)	2230	3365	Possible gas/water
Cliff House Ss	2724	2871	Possible gas/water
Menefee Fm.	2900	2695	Coal/water/possible gas
Point Lookout Fm.	3660	1935	Possible gas/water
Mancos Shale	4030	1565	Source rock
DV Tool 1	4090	1505	
Gallup	4984	611	Oil & gas
Brdge Crk/Grnhrn	5622	-27	
Graneros Shale	5791	-196	
Dakota Ss	5836	-241	Possible gas/water
DK Perfs top	6776	-97	

Remarks:

-Vertical wellbore, all formation depths are TVD from KB at the wellhead.

-A plug should be placed to protect possible groundwater in the low-density feature from 860' to 935'.

-Plug 5 should be placed as described-1125'-1275' -to cover the Pictured Cliffs.

-Modify Plug 6. Make the BOC 680' to cover the BLM geologist's pick for the Fruitland.

Reference Well:

Dugan Production

Same

Prepared by: Walter Gage


DUGAN PROD. CORP. HORACE SMITH COM #1R
API #30-045-24346
350° N
DUGAN PRODUCTION CORP.
dp
HORACE SMITH COM #1R
API #30-045-24346
LSE # NM0206994
CA #NMNM76182
UNIT I, SEC 26, T30N, R14W
1120' FEL


DUGAN PRODUCTION CORP.
dp
HORACE SMITH COM #1R
API #30-045-24346
LSE # NM0206994
CA #NMNM76182
UNIT I, SEC 26, T30N, R14W
1640' FSL, 1120' FEL
LAT. 36.7824402 LONG. -108.2733459
SAN JUAN COUNTY, NM
FOR EMERGENCY CALL (505) 325-1823


8:37
5G
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359° N
36°46′56″ N 108°16′26″ W
Kirtland, NM
5580 ft Elevation
DUCTION CORP.
HORACE SMITH COM #1R
API #30-045-24346
LSE # NM0206994
#NMNM76182
T30N, R14W

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 532813
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	12/9/2025