

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2640684

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 10/19/2021

Time Sundry Submitted: 02:02

Date proposed operation will begin: 09/29/2021

Procedure Description: Colgate requests to make the following changes to approved APD: 1. Request to change cement design for 5-1/2" production casing as listed below: 5-1/2" Production Casing Cement Design Old: Lead: TopMD: N/A BtmMD: N/A Qty sx: N/A Yield: N/A Density: N/A Volume: N/A Excess: N/A Tail: TopMD: 2,050' BtmMD: 19,716' Qty sx: 4,273 sxs Yield: 1.24 Cu Ft/Sx Density: 14.2 ppg Volume: 5,299 Cu Ft Excess: 20% New: Lead: TopMD: 700' BtmMD: 8,622' Qty sx: 829 sxs Yield: 2.41 Cu Ft/Sx Density: 11.5 ppg Volume: 1,998 Cu Ft Excess: 10% Tail: TopMD: 8,622' BtmMD: 19,716' Qty sx: 1,551 sxs Yield: 1.73 Cu Ft/Sx Density: 12.5 ppg Volume: 2,683 Cu Ft Excess: 10%

Surface Disturbance

Is any additional surface disturbance proposed?: No

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS

Signed on: OCT 19, 2021 02:02 PM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland

State: TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 11/10/2021

Signature: Chris Walls

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2643020

Type of Submission: Notice of Intent

Type of Action: Casing

Date Sundry Submitted: 11/04/2021

Time Sundry Submitted: 11:44

Date proposed operation will begin: 10/31/2021

Procedure Description: Colgate Operating, LLC requests permission to modify intermediate 1 casing point to 1,606' to set in Yates Anhydrite. Proposed setting depth is deeper than COA's request to set in Tansill Limestone. Yolanda Jiminez has previously given approval to this!

Surface Disturbance

Is any additional surface disturbance proposed?: No

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS **Signed on:** NOV 04, 2021 11:44 AM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland **State:** TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

| | |
|--|--|
| BLM POC Name: CHRISTOPHER WALLS | BLM POC Title: Petroleum Engineer |
| BLM POC Phone: 5752342234 | BLM POC Email Address: cwalls@blm.gov |
| Disposition: Approved | Disposition Date: 12/01/2021 |
| Signature: Chris Walls | |

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3001548119 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2640682

Type of Submission: Notice of Intent

Type of Action: Drilling Operations

Date Sundry Submitted: 10/19/2021

Time Sundry Submitted: 01:57

Date proposed operation will begin: 09/29/2021

Procedure Description: Colgate Operating, LLC would like to request the mud system to be used in the production hole section be changed from cut-brine poly-oil to oil-based mud.

Surface Disturbance

Is any additional surface disturbance proposed?: No

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3001548119 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS

Signed on: OCT 19, 2021 01:57 PM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland

State: TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 11/10/2021

Signature: Chris Walls

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2640679

Type of Submission: Notice of Intent

Type of Action: Casing

Date Sundry Submitted: 10/19/2021

Time Sundry Submitted: 01:55

Date proposed operation will begin: 09/29/2021

Procedure Description: Colgate requests to make the following changes to approved APD: 1. Request to change casing design for 5-1/2" production casing as listed below: 5-1/2" Production Casing Design Old: 5-1/2" 20# HCP-110 w/ CDC HTQ connections New: 5-1/2" 17# HPP-110 w/ CDC HTQ connection

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Proprietary_Connections_Performance_Data_5.5000_17.0000_0.3040__P110_HP__2__20211019135400.pdf

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS

Signed on: OCT 19, 2021 01:54 PM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland

State: TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Phone: 5752342234

Disposition: Approved

Signature: Chris Walls

BLM POC Title: Petroleum Engineer

BLM POC Email Address: cwalls@blm.gov

Disposition Date: 11/10/2021

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2640674

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 10/19/2021

Time Sundry Submitted: 01:38

Date proposed operation will begin: 10/11/2021

Procedure Description: Colgate Operating, LLC requests the approval to use 3-1/2" x 5-1/2" variable-bore, pipe rams (VBRs) in the upper-ram body of our proposed 13-5/8" 10M, triple-ram BOP in order to provide additional redundancy in the BOP during deployment of the proposed 5-1/2" casing string.

Surface Disturbance

Is any additional surface disturbance proposed?: No

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS

Signed on: OCT 19, 2021 01:38 PM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland

State: TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 11/10/2021

Signature: Chris Walls

| | | |
|--|---|--|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Notice of Intent

Sundry ID: 2640683

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 10/19/2021

Time Sundry Submitted: 02:00

Date proposed operation will begin: 09/29/2021

Procedure Description: Colgate Operating, LLC would like to request the following changes to the approved APD: Reduce wellhead pressure specifications in APD to better match well design and anticipated formation treating pressures. Attached is a run procedure and diagrams for the proposed wellhead system.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Colgate_13_MBS_RP_20211019135956.PDF

| | | |
|---|--|---|
| Well Name: CRAZY HORSE 32 STATE FED COM | Well Location: T19S / R30E / SEC 32 / SWNW / 32.6190543 / -104.0019877 | County or Parish/State: EDDY / NM |
| Well Number: 132H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM130861 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300154811900X1 | Well Status: Drilling Well | Operator: COLGATE OPERATING LLC |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MIKAH THOMAS **Signed on:** OCT 19, 2021 02:00 PM

Name: COLGATE OPERATING LLC

Title: Operations Tech

Street Address: 300 N. Marienfeld Street, Suite 1000

City: Midland **State:** TX

Phone: (432) 695-4272

Email address: mthomas@colgateenergy.com

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

| | |
|--|--|
| BLM POC Name: CHRISTOPHER WALLS | BLM POC Title: Petroleum Engineer |
| BLM POC Phone: 5752342234 | BLM POC Email Address: cwalls@blm.gov |
| Disposition: Approved | Disposition Date: 11/10/2021 |
| Signature: Chris Walls | |

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 66791

CONDITIONS

| | |
|---|--|
| Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701 | OGRID: 371449 |
| | Action Number: 66791 |
| | Action Type: [C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jagarcia | None | 12/15/2021 |