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|---|--|------------------------------------|
| Well Name: VACA DRAW 9418 10 FEDERAL | Well Location: T25S / R33E / SEC 10 / NENW / | County or Parish/State: |
| Well Number: 38H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM97153 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3002549318 | Well Status: Approved Application for Permit to Drill | Operator: BTA OIL PRODUCERS LLC |

Notice of Intent

Sundry ID: 2686553

| | |
|--|------------------------------|
| Type of Submission: Notice of Intent | Type of Action: Other |
| Date Sundry Submitted: 08/10/2022 | Time Sundry Submitted: 12:44 |
| Date proposed operation will begin: 08/10/2022 | |

Procedure Description: BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING CASING, CEMENT, & MUD CHANGES TO THE ORIGINAL APD AS APPROVED. PLEASE SEE ATTACHED DOCUMENT FOR MORE DETAILS.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Vaca_Draw_9418_10_Fed_38H_Casing_Plan_20220810124357.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: SAMMY HAJAR

Signed on: AUG 10, 2022 12:44 PM

Name: BTA OIL PRODUCERS LLC

Title: Regulatory Analyst

Street Address: 104 S. Pecos

City: Midland

State: TX

Phone: (432) 682-3753

Email address: shajar@btaoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVEN@BLM.GOV

Disposition: Approved

Disposition Date: 08/11/2022

Signature: Zota Stevens



BTA Oil Producers, LLC
104 S Pecos
Midland, TX 79701

WELL: Vaca Draw 9418 10 Fed #38H
TVD: 12172
MD: 17198

DRILLING PLAN

Casing Program

| Hole Size | Csg.Size | From (MD) | To (MD) | From (TVD) | To (TVD) | Tapered String | Weight (lbs) | Grade | Conn. | Collapse | Burst | Body Tension | Joint Tension | Dry/Buoyant | Mud Weight (ppg) |
|-----------|----------|-----------|---------|------------|----------|----------------|--------------|-------|----------|----------|-------|--------------|---------------|-------------|------------------|
| 14 3/4 | 10 3/4 | 0 | 1140 | 0 | 1140 | No | 40.5 | J-55 | STC | 3.2 | 6.4 | 13.6 | 9.1 | Dry | 8.3 |
| 9 7/8 | 7 5/8 | 0 | 8015 | 0 | 8000 | yes | 29.7 | P110 | Buttress | 1.4 | 2.4 | 3.9 | 4.0 | Dry | 9.4 |
| 8 3/4 | 7 5/8 | 8015 | 11635 | 8000 | 11620 | yes | 29.7 | P110 | FJ | 1.7 | 1.7 | 2.7 | 2.8 | Dry | 9.4 |
| 6 3/4 | 5 1/2 | 0 | 11435 | 0 | 11420 | Yes | 20 | P110 | Buttress | 1.3 | 1.5 | 2.8 | 2.9 | Dry | 11.5 |
| 6 3/4 | 5 | 11435 | 17198 | 11420 | 12172 | Yes | 18 | P110 | Buttress | 1.3 | 1.4 | 1.9 | 2.0 | Dry | 11.5 |

*7 5/8" has DV Tool @ 5077'

Dv Tool Depth 5077

Cementing Program

| Csg. Size | | Stage Tool Depth | Top MD of Segment | Bottom MD of Segment | Cement Type | Quantity (sk) | Yield (cu. Ft./sk) | Density (lbs. gal) | Volume (cu.ft.) | % Excess | Additives |
|-----------|------------|------------------|-------------------|----------------------|-------------|---------------|--------------------|--------------------|-----------------|----------|-----------------|
| 10 3/4 | Lead | | 0 | 895 | Class C | 555 | 1.8 | 13.5 | 999 | 100% | 2% CaCl2 |
| | Tail | | 895 | 1140 | Class C | 200 | 1.34 | 14.8 | 268 | 100% | 2% CaCl2 |
| 7 5/8 | Stg 2 Lead | | 0 | 4655 | Class C | 745 | 2.19 | 12.7 | 1631.55 | 50% | 0.5% CaCl2 |
| | Stg 2 Tail | | 4655 | 5077 | Class C | 150 | 1.33 | 14.8 | 199.5 | 50% | 1% CaCl2 |
| | Stg 1 Lead | | 5077 | 8085 | Class H | 310 | 2.64 | 10.5 | 818.4 | 25% | 0.5% CaCl2 |
| | Stg 1 Tail | | 8085 | 11635 | Class H | 400 | 1.19 | 15.6 | 476 | 25% | 1% CaCl2 |
| 5 1/2 | Lead | | | | | | | | | | |
| | Tail | | 10635 | 11435 | | | | | | | |
| 5 | Lead | | | | | | | | | | |
| | Tail | | 11435 | 17198 | Class H | 640 | 1.27 | 14.8 | 812.8 | 10% | 0.1% Fluid Loss |

BOP/CHOKE

Pressure Rating: 5M

Rating Depth: 14000

Requesting Variance? Choke Hose
Multi Bowl Wellhead

Pressure

Anticipated Bottom Hole Pressure: 7,279 psi

Anticipated Bottom Hole Temperature: 178 °F

Anticipated abnormal pressures, temperatures, or potential geologic hazards? None

Anticipated Bottom Surface Pressure: 4,601 psi

Hydrogen sulfide drilling operations plan required? Yes

| Circulating Medium Table | | | |
|--------------------------|-------|---------|--------------|
| Depth (TVD) | | Type | Weight (ppg) |
| From | To | | |
| 0 | 1140 | FW Spud | 8.3 – 8.4 |
| 1140 | 11635 | DBE | 9.0 – 9.4 |
| 11635 | 12172 | DBE | 10.5 – 11.5 |
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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 133967

CONDITIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 133967 |
| | Action Type: [C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| | | |
|------------|----------------------|----------------|
| Created By | Condition | Condition Date |
| pkautz | PREVIOUS COA's APPLY | 8/19/2022 |