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BC Operating, Inc.
Surface Use and Plan

Gay Nineties Federal Com #3H

SHL: 1910' FSL & 2256' FEL of Unit Letter 'J', Section 36, T-19S, R-32E

BHL: 240' FSL & 2260' FWL of Unit Letter 'N', Section 1, T-20S, R-32E

Lea County, New Mexico

This Surface Use Plan is submitted with Form 3160-3, Application for Permit to Drill, in accordance with BLM Onshore Oil and Gas Order Number 1 Section III.D.4., covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

a. Existing Roads:

1. The well site and elevation plat for the proposed well are attached to Form 3160-3 and reflect the proposed well site layout (NMOCD Form C-102). The well was staked by Lloyd P. Short.
2. Surface Use Plan – Exhibit 1 is a Vicinity map showing the well and roads in the vicinity of the proposed location. There are existing roads that provide access to other wells in the area that will be utilized for access to this new location. These roads are in good condition and will not require any improvements for this well.

Directions:

From the intersection of West Carlsbad Highway and Highway 176, travel Northeast on West Carlsbad Highway for 0.8 miles to County Road 55 on the left. Travel Northwest on County Road 55 for 2.9 miles to lease road on the right. Travel Northeast on lease road for 2.6 miles to lease road on the left. Travel Northwest on lease road for 1.3 miles to intersection, keeping right and continuing on main lease road for 2.2 miles to lease road on the left. Travel Southwest on lease road for 1.0 miles to lease road on the right. Travel Northwest on lease road for 0.6 miles to lease road on the left. Travel Southwest on lease road for 1.2 miles to proposed well pad.

MAR 28 2016

3. Right of Way using the proposed route is hereby being requested, if necessary.
4. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition in the same or better condition than before operations began for as long as any operations continue on this lease.

b. New Access Road and Drill Pad:

1. The drilling pad will be built right next to an existing location. We will use the existing roads to access the new location. The road will come in on the East side of the location. The well site and the access route to the well site are shown on Surface Use Plan-Exhibit 2.

The drill pad will be a 300' x 400' location. In lieu of the archeological survey, we will pay the PA fee for the area that encompasses the drill pad.

2. Surface Use Plan-Exhibit 2 also is a plat showing the well site layout and drill pad dimensions for a rig utilizing a closed loop system. This well will be drilled with a closed loop system so no reserve pits will be constructed.
3. The drill pad will be 300' x 400' (see Surface Use Plan-Exhibit 2) and will require 2' of cut and fill from the Northwest side of the pad to the East and South side of the pad. The drill pad will be surfaced with 4-6 inches of compacted caliche. The average grade will be approximately 1%. Topsoil will be stockpiled on the North side of the location.

c. Location of Existing Wells:

Surface Use Plan-Exhibit 3 shows all wells within a one mile radius of the proposed well.

d. Location of Existing and/or Proposed Production Facilities:

1. We will use a current tank battery that has been constructed for the Gay Nineties Federal Com #1H with three 750 bbl oil storage tanks, two 500 bbls fiberglass water tanks, a 210 bbl skim oil tank, a scrubber, one heater treater, one FWKO's and a gas sales meter (see Surface Use Plan – Exhibit 4).
2. The well should be a producing oil well and will be produced initially with a submersible pump and then with a conventional pumping unit.
3. All flowlines will adhere to API standards. The flowlines will be laid along existing roads and go to the tank battery location on the Gay Nineties Federal Com #1H well pad.

4. Currently, there are power lines running South of the proposed location. We will tap in to the Southern powerlines and run them up to the proposed location. Power is supplied by X-Cell Energy in that area.
- e. Location and Types of Water Supply:
- This location will be drilled using a combination of water mud systems (outlined in the Section f of the Drilling Plan). The water will be obtained from commercial water stations in the area and hauled to location by transport truck using the existing and proposed roads shown. Temporary flowlines will be used for drilling and fracing activities.
- f. Construction Materials:
- Surface material will be native caliche. Construction materials will be obtained from the nearest approved BLM, Fee or State pit or from existing deposits found under the location.
- g. Methods of Handling Waste:
1. All trash, junk and other waste material, including broken sacks and/or pallets, will be removed from the well site within 30 days after finishing drilling and/or completion operations. All waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed, all contents will be removed and disposed of in an approved sanitary landfill.
 2. All drilling fluids and cuttings will be trucked to an approved disposal facility.
 3. A Porto-John will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete. Any trailer houses and/or temporary living quarters on the well site will be plumbed into a sanitary septic system.
 4. Disposal of fluids to be transported by an approved disposal company.
- h. Ancillary Facilities:
1. No campsite or other facilities will be constructed as a result of this well.
- i. Well Site Layout:
1. Surface Use Plan-Exhibit 2 shows the proposed well site layout with dimensions of the pad layout.
 2. Surface Use Plan-Exhibit 5 is a schematic showing the rig equipment on the well pad.
 3. Surface Use Plan-Exhibit 4 shows the proposed location of the topsoil stockpile.

4. Mud pits in the active circulating system will be steel pits and a closed loop system will be utilized.
- j. Plans for Surface Reclamation:
1. If the well is productive, there will be no interim reclamation plans because there is going to be a tank battery put on location.
 2. Topsoil will be stockpiled on the North side of the location and 100% of this material will be used for the reclamation after the well is drilled and completed and production facilities are installed. When the well is P&A'd, we will restore the surface to its natural state.
 3. Surface Use Plan – Exhibit 4 illustrates the proposed interim reclamation plan.
 4. If the well is not productive, a dry hole marker will be installed, all caliche will be removed from the location, the topsoil returned to the location and be re-contoured as close as is practical to the original contour. The location will then be ripped and seeded. The current access road will be left in place to allow access to other wells but we will pick up and restore the remainder of the location built.
- k. The surface is owned by The State of New Mexico and is administered by their office. The address is 310 Old Santa Fe Trail, Santa Fe, New Mexico 87501. The phone number is 505-827-5760.
- l. Other Information:
1. The area surrounding the well site is flat with sandy loams. The topsoil is sand. The vegetation is moderately sparse with mesquite bushes. No wildlife was observed but it is likely that deer, rabbits, coyotes and rodents traverse the area.
 2. There is no permanent or live water in the general proximity of the location.
 3. There are no dwellings within +2 miles of location.

BC Operating, Inc.
Statement of Bond Coverage

Gay Nineties Federal Com #3H

SHL: 1910' FSL & 2256' FEL of Unit Letter 'J', Section 36, T-19S, R-32E

BHL: 240' FSL & 2260' FWL of Unit Letter 'N', Section 1, T-20S, R-32E

Lea County, New Mexico

This Statement of Bond Coverage is submitted with Form 3160-3, Application for Permit to Drill in accordance with BLM Onshore Oil and Gas Order Number 1 Section III.D.5., covering the above described well.

Bond Coverage: Statewide
BLM Bond File #: NM-2572

BC Operating, Inc.

Pam Stevens

Pam Stevens
Regulatory Analyst

BC Operating, Inc.
Statement of Certification

Gay Nineties Federal Com #3H

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BHL: 240' FSL & 2260' FWL of Unit Letter 'N', Section 1, T-20S, R-32E


Lea County, New Mexico

This Statement of Certification is submitted with Form 3160-3, Application for Permit to Drill in accordance with BLM Onshore Oil and Gas Order Number 1 Section III.D.6., covering the above described well.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 30th day of August, 2014.



Pam Stevens

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