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Artesia

Form 3160-5  
(June 2015)

UNITED STATES

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

DISTRICT II-ARTESIA

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

## 2. Name of Operator

BARB V BARB LLC

## 3a. Address

PO BOX 4435 ROSWELL, NM 88202

## 3b. Phone No. (include area code)

(575) 973-1346

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

H-21-15.0S-29E 1980' FNL - 660' FEL Lat: 33.0032087584 Long: 104-026968512

## 5. Lease Serial No.

NM0390241

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit of CA Agreement, Name and or No.

## 8. Well Name and No.

S. LUCKY LAKE QN UT. 001F

## 9. API Well No.

3000560244

## 10. Field and Pool or Exploratory Area

LUCKY LAKE: QUEEN, SOUTH

## 11. Country or Parish, State

CHAVEZ

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Hydraulic Fracturing☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

GC 10-9-18  
Accepted for record - NMOCD

OPERATOR SEEKS APPROVAL OF THIS APPLICATION FOR THE EXPRESSED INTENT TO PLUG AND ABANDON THE ABOVE IDENTIFIED WELL AS PER THE FOLLOWING DETAIL.

1. PUMP 50 SX CL. C. @ 1,733'. EST. CREST @ 1,071'
2. TAG PLUG ABOVE MIN. 1,683'
3. PULL TEST CASING TO ESTABLISH ACTUAL TOC. (CALCULATED @ 48" AS PER VOLUMES RECORDED)
4. PERFORATE CASING @ 996' ATTEMPT TO SQUEEZE 50 SX. CL.C.
5. IF SQUEEZE IS UNSUCCESSFUL PULL PACKER AND PUMP 50 SX. CL.C. FROM TOC IN 4.5" CASING EST. CREST @ 358'
6. TAG PLUG TO DETERMINE DEPTH.
7. LOCATE HOLE, PERFORATE OR CUT OFF CASING @ 313'.
8. ATTEMPT TO SQUEEZE IF CASING IS NOT PULLED.
9. PUMP CL. C. CEMENT IN CASING WITH SUFFICIENT VOLUME TO BRING CEMENT TO SURFACE.
10. CUT OFF CASINGS 6' BELOW GRADE AND INSTALL GROUND LEVEL MARKER AND REMOVE ALL NON NATIVE DEBRIS FROM LOCATION.
11. REMOVE ACCESS ROAD AND CONTOUR LOCATION SURFACE TO BLEND WITH SURROUNDING AREA.

SEE ATTACHED EXHIBITS

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

STEVE OLDFIELD

ORGANIZER (brokenspearcattleco@gmail.com) 575-973-1346

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

(Instructions on page 2)

ENTERED

RECEIVED Bureau of Land Management  
OCT 2 2018 PM 12:28

Tub/Cas/Pipe in Hole

Hole Diameter:

11.000

in

Outside Diameter (O.D.):

8.625

in

Grade:

J-55

Weight:

24

lb/ft

Inside Diameter (I.D.):

8.097

in

Total Length:

263

ft

Number of String(s):

1

Excess:

0

%

Diameter of Hole in	Gallons/Foot	Feet/Gallon	Barrels/Foot	Feet/Barrel	Cubic Feet/Foot	Feet/Cubic Foot
11.0000	1.9017	5259	.04923	22.0820	.2540	3.9337



Total Length Feet	Gallons	Barrels	Cubic Feet	Liters	Cubic Meters
263	500.14	11.91	66.86	1,893.22	1.89

HALLIBURTON

RedBook

SURFACE VOLUME

EXHIBIT A


**Tub/Cas/Pipe in Casing**


**Outer Casing**


Outside Diameter (O.D): 8.625 in  
Grade: J-55  
Weight: 24 lb/ft  
Inside Diameter (I.D): 8.097 in

**Inner Casing/Tubing/Drill Pipe**

Outside Diameter (O.D): 4.5 in  
Grade: J-55  
Weight: 9.5 lb/ft  
Inside Diameter (I.D): 4.09 in



Total Length: 263 ft  
Number of String(s): 2

I.D. in.	Gallons/Foot	Feet/Gallon	Barrels/Foot	Feet/Barrel	Cubic Feet/Foot	Feet/Cubic Foot
8.097	1.0225	.9780	.0242	41.0767	.1267	7.3159
Total Length Feet	Gallons	Barrels	Cubic Feet	Liters	Cubic Meters	
263	268.92	3.4	35.95	1,017.97	1.02	

**HALLIBURTON**


4.5 CASING IN 8.625 CASING

EXHIBIT B


**Tub/Cas/Pipe in Hole**


Hole Diameter:  in

Outside Diameter (O.D):  in

Grade:

Weight:  lb/ft

Inside Diameter (I.D):  in

Total Length:  ft

Number of String(s):

Excess:  %

Diameter of Hole in.	Gallons/Foot	Feet/Gallon	Barrels/Foot	Feet/Barrel	Cubic Feet/Foot	Feet/Cubic Foot
7.7500	1.2242	.8156	.02837	35.2666	.2171	4.6052

Total Length Feet	Gallons	Barrels	Cubic Feet	Liters	Cubic Meters
1,552	2,520.99	80.02	337.01	9,542.97	9.54

**HALLIBURTON**
**RedBook**

4.5 CASING IN 7.75 HOLE

EXHIBIT C

**South Lucky Lake QN UT 1F**

**30-005-60244**

**Barb V Barb LLC**

**September 27, 2018**

**Conditions of Approval**

- 1. Operator shall place CIBP at 1,683' (50'-100' above top most perf) and place 25sx of Class C cement on top as proposed. WOC and TAG.**
- 2. Operator shall perf and squeeze at 1,046'. Operator shall place a balanced Class C cement plug from 1,046'-800' to seal the top of the Yates Formation and Bottom of Salt Formation. WOC and TAG.**
- 3. Operator shall perf and squeeze at 313' bringing cement to surface as proposed to isolate casing shoe and top of Salt Formation.**
- 4. See Attached for general plugging stipulations.**

**JAM 092718**

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 W. Second Street**  
**Roswell, New Mexico 88201**  
**575-627-0272**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.  
  
In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.  
**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**  
  
Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**; for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.
6. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**
7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.