

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS OF WELLS**  
*Do not use this form for proposals to drill or to recomplete 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  
Primero Operating, Inc.

3a. Address  
PO box 1433, Roswell, NM 88202-1433

3b. Phone No. (include area code)  
575 622 1001

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

1442' FNL & 2174' FWL, Section 34, T10S, R30E

5. Lease Serial No.  
NM69175

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Apache Springs Fed #1

9. API Well No.  
30-005-21152

10. Field and Pool or Exploratory Area  
Wildcat

11. County or Parish, State  
Chaves, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

This well has been in Shut-In status for approximately 10 years. It is capable of producing commercial quantities of gas but there is no gas gathering system. In place. The producing perforations in the well are from 7590 to 7610'. We have given up hope of a market and hereby propose to P&A the well.

We propose to plug the well as follows:

- Plug 1: Set CIBP @ 7590' and dump 35' of Class H cement on top. Perforate 3045'  
Plug 2: Pump a 35 sx class H plug @ 6700' (6350' to 6700') to cover the Top of Abo and Top of cement  
Plug 3: Pump a 35 sx class C plug and squeeze in and out of squeeze holes at 3045' (2945 to 3045)  
Plug 4: Perforate squeeze hole at 455'. Pump 45 sx in and out of squeeze holes to fill 5 1/2" and 5 1/2" X 8 5/8" annulus

After plugging the wellhead will be cut off and a dry hole marker set. The location will then be remediated.

NOTE: A detailed well bore diagram showing the current wellbore and plugging plan is attached.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Phelps White

Title President

Signature

Date 09/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Date

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)

FOR RECORD ONLY  
NMOCD 09/27/18

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Bureau of Land Management  
SEP 12 2018 PM 2:19

APPROVED

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

# Primero Operating, Inc.

## WELL BORE DIAGRAM

Apache Springs

9/12/2018

Proposed Plugs

Current Wellbore

### FORMATION TOP

Yates	1655
San And	2900
Abo	6600

45 sx Class C  
Surface to 455'

Squeeze Perfs 455'

35 sx Class C  
2945 to 3045'  
Squeeze Perfs 3045'

35 sx Class H @ 6700'  
6500 to 6700'

35' Class H on top of CIBP  
CIBP @ 7550'

13 3/8" 48.5# @ 405' 9/27/97  
400 sx Circulated 120 sx

8 5/8" 24# @ 2995', 10/2/97  
1450 sx Circulated 247 sx

Est TOC 6600'

Perfs 7590-7610' 11/26/97

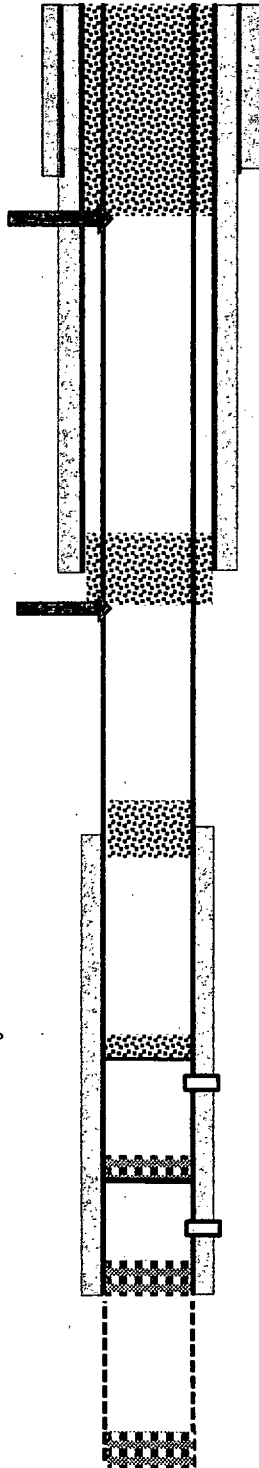
CIBP + 35' cmt @ 8150, 11/25/97

Perfs 8194-8204, 11/21/97

5 1/2" 17# @ 8405' 11/10/97  
500 sx, TOC est 6600'

200 sx plug @TD, 11/8/97

TD 10580 11/8/97



Apache Springs Fed 1  
30-005-21152  
Primero Operating, Inc.  
September 18, 2018  
Conditions of Approval

1. Operator shall place CIBP at 7,540' (50'-100' above top most perf) and place 35' of Class C cement on top as proposed. WOC and TAG.
2. Operator shall perf and squeeze at 6,700'. Operator shall place a balanced Class C cement plug from 6,700'-6,500' to seal the top of the Abo formation. WOC and TAG.
3. Operator shall perf and squeeze at 4,500'. Operator shall place a balanced Class C cement plug from 4,500'-4,350'. As no more than 3,000' between plugs in cased hole.
4. Operator shall perf and squeeze as proposed at 3,045'. Operator shall place a balanced Class C cement plug from 3,045'-2,945' to seal the 8-5/8" casing shoe. WOC and TAG.
5. Operator shall perf and squeeze at 1,700'. Operator shall place a balanced Class C cement plug from 1,700'-1,500' to seal the top of the Yates formation. WOC and TAG.
6. Operator shall perf and squeeze at 1,050'. Operator shall place a balanced Class C cement plug from 1,050'-900' to seal the top of the Salt formation. WOC and TAG.

Note: Operator may combine steps 5 and 6 into one plug.

7. Operator shall perf and squeeze as proposed at 455'. Operator shall place a balanced Class C cement plug from 455'-surface to seal the 13-3/8" casing shoe. WOC and TAG
8. See Attached for general plugging stipulations.

JAM 091818

**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.