

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

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

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.

5. Lease Serial No. NM 69175
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Primero Operating, Inc.		8. Well Name and No. Apache Springs Fed #1
3a. Address PO box 1433, Roswell, NM 88202-1433	3b. Phone No. (include area code) 575 622 1001	9. API Well No. 30-005-21152
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1442' FNL & 2174' FWL, Section 34, T10S, R30E		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 checked="" type="checkbox"/> Other <u>Change of plans</u>
	<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 recomplate 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 recomplate 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 reclamcat, have been completed and the operator has determined that the site is ready for final inspection.)

This Sundry Notice of Intent is submitted in order to clarify changes made to a plugging plan that was approved September 16, 2018. After various changes required by the BLM in the original approval, several meetings and email correspondence with BLM employees dated 9/28/18 we propose to plug the well as follows:

Set pull tubing out of the hole and set a CIBP @ 7540'. Run in hole with tubing and circulate the hole with 9# gel containing 25 sx/100 bbls.

- Plug 1: Pump 25 sx Class H plug on top of CIBP @ 7540'. WOC and tag plug @ <7440'
- Plug 2: Pump 30 sx class C plug @ 6700'. WOC and tag plug @ < 6500 (cover top of Abo formation)
- Plug 3: Perforate and squeeze at 4500'. 50 sx class C plug WOC and tag plug @ <4350' (no more than 3000' between plugs).
- Plug 4: Perforate and squeeze at 3045'. 50 sx class C plug WOC and tag plug @ <2945 (cover 8 5/8" shoe)
- Plug 5: Perforate and squeeze at 1700'. 50 sx class C plug, WOC and tag plug @ <1605' (cover top of Yates formation)
- Plug 6: Perforate and squeeze at 1050'. 50 sx class C plug, WOC and tag plug @ <900' (cover top of Salt)
- Plug 7: Perforate and squeeze at 455'. Pump in and out of 5 1/2" casing fill 5 1/2" and 5 1/2" X 8 5/8" annulus to surface. (est 120 sx)

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.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Phelps White		Title President
Signature		Date 10/28/2018

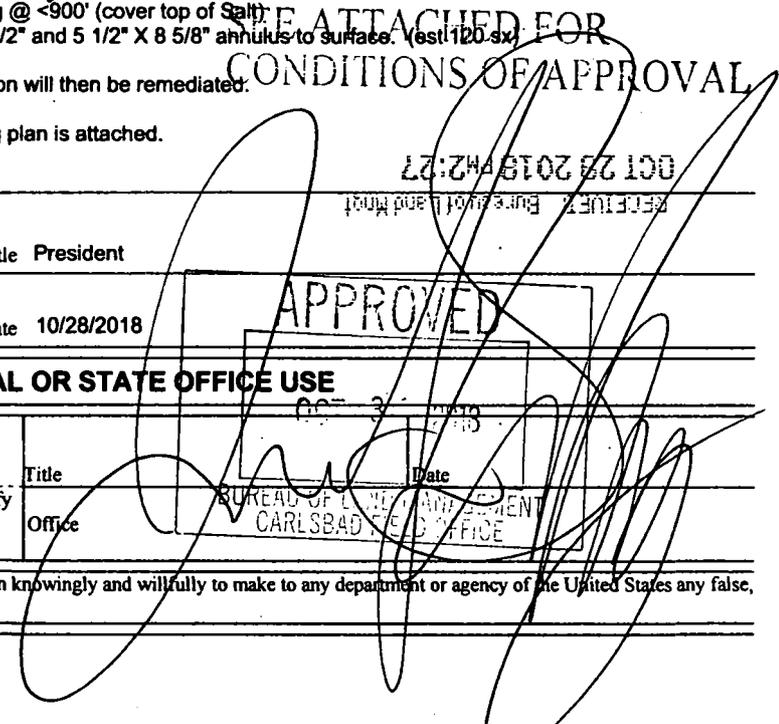
SEE ATTACHED FOR
CONDITIONS OF APPROVAL

OCT 28 2018 PM 2:27
RECEIVED BUREAU OF LAND MGMT

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
	Office	

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.



WELL BORE DIAGRAM

Apache Springs

9/28/2018

Proposed Plugs

Current Wellbore

FORMATION TOP

Yates	1655
San And	2900
Abo	6600

Plug 7 120 sx Class C
Surface to 455'

Squeeze Perfs 455'

Plug 6 50 sx class C
Tag <900'
Perf 1050'

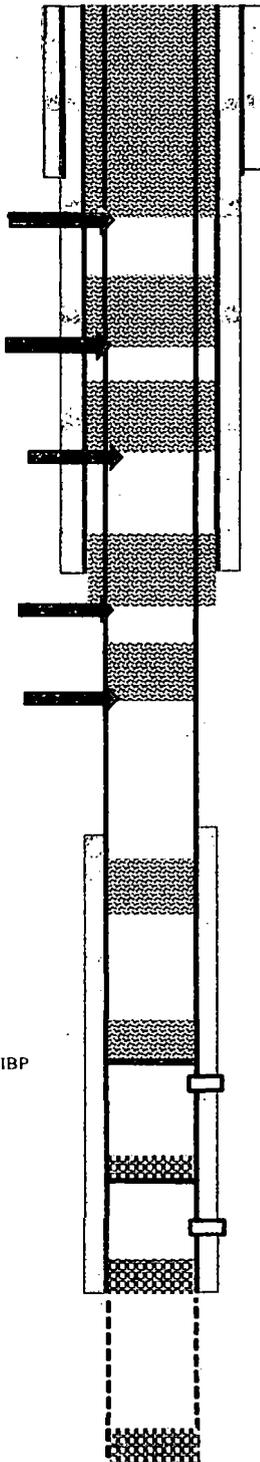
Plug 5 50 sx class C *1655'*
Tag <~~1605~~¹⁶⁵⁵
Perf 1700'

Plug 4 50 sx Class C
Tag <2945'
Squeeze Perfs 3045'

Plug 3 50 sx Class C
Tag <4350
Squeeze Perfs 4500'

Plug 2 30 sx Class C @.6700'
Tag <6500

Plug 1 CIBP @ 7540'
25 sx' Class H on top of CIBP
Tag <7440



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 6100'

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.
October 31, 2018
Conditions of Approval**

1. Operator shall place CIBP at 7,540' (50'-100' above top most perf) and place 35' of Class H cement on top as proposed. WOC and TAG.
2. 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'-1,555' 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.
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 103118

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 90th day provide this office, prior to the 90th 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.