

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

## 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 reverse side.

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
Stephens & Johnson Operating Co.3a. Address  
P O Box 2249, Wichita Falls, TX 763073b. Phone No. (include area code)  
940-723-2166

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

660' FSL, 990' FWL, Sec. 14, T26S, R29E

5. Lease Serial No.

NM 21767

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Worth Federal No. 5

9. API Well No.

30-015-30986

10. Field and Pool, or Exploratory Area

Brushy Draw, Delaware

11. County or Parish, State

Eddy County, New Mexico

## 12. CHECK 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

set CIBP between 5062 - 5012. Dump 25' of spot 25 sxs.

1. MIRU approximately August 1, 2018. Set CIBP @ 5000' w/4 sx cement on top.

2. Shoot 4 way squeeze holes at 865'. Circulate cement out squeeze holes at 865' back to surface between 5 1/2" csg and 8 5/8" csg. Leave 5 1/2" csg full of cement. Estimate 300 sx cement required.

3. Cut csg off below plow depth and erect P&A marker.

Note: Please see attached wellbore schematics of current well condition and "Proposed Plug and Abandonment".

Add plug: spot cnt from 4468 - 4318 (DVT, 25 sx min), Tag  
spot cnt from 3117 - 2828 (Del, B/salt). Tag-

RECEIVED

GC 7-13-18  
Accepted for record - NMOCD

JUL 13 2018

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

DISTRICT # ARTESIA O.C.D.

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

William M. Kincaid

Title Petroleum Engineer

Signature

William M. Kincaid

Date

06/08/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James C. Brown

Title

Supv. PET

Date

7-11-18

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.

Office

Carlsbad

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)

Worth Federal No. 5  
WELL

Brushy Draw, Delaware  
FIELD

6-8-2018  
DATE

PRESENT COMPLETION X

SUGGESTED COMPLETION \_\_\_\_\_

WELL CLASS \_\_\_\_\_

KB ELEVATION 2944'

DF ELEVATION \_\_\_\_\_

GL ELEVATION 2929'

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

8 5/8" 24# csg set @ 815'  
cmt w/ 440 sx - cmt circ  
to surface

5 1/2" 15.5# csg set @ 5268'  
Stage 1: 200 sx cmt  
Stage 2: 350 sx cmt  
TOC @ 2750' by CBL  
DV Tool @ 4967'

TOC @ 2750' by CBL

Perfs: 5112-5152'  
2000 gals 7 1/2" Fercheck Aci  
18,000 gals Delta Frac 140 (25#)  
63,000 lbs 16/30 sand

PBTD - 5245'

TD - 5270'

Worth Federal No. 5

Brushy Draw, Delaware

6-8-2018

WELL

FIELD

DATE

## Proposed Plug + Abandonment

KB ELEVATION 2944'

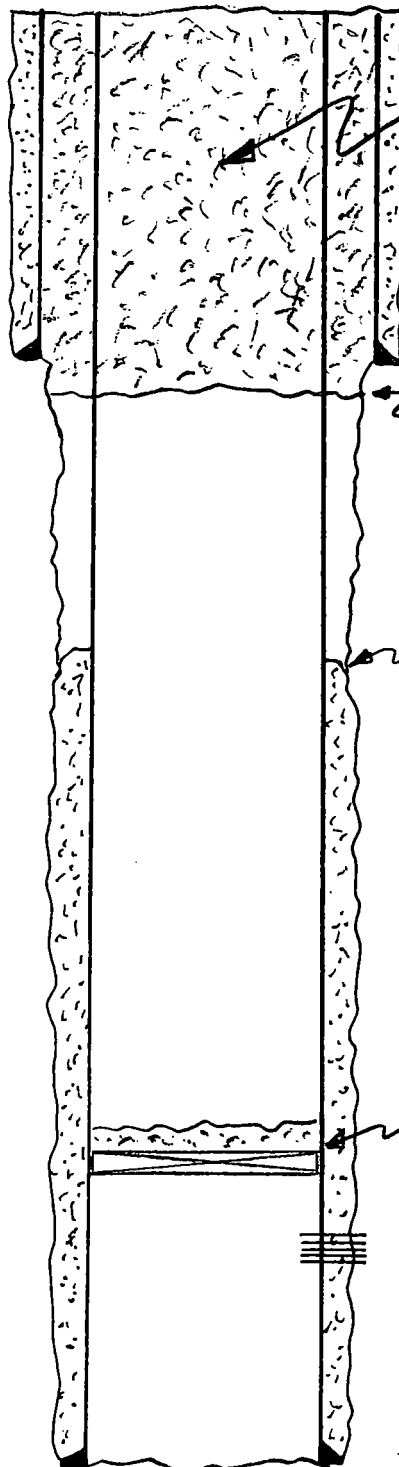
DF ELEVATION

GL ELEVATION 2929'

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

8 5/8" 24" csg set @ 815'  
cmt w/440 sx - cmt circ  
to surface



Circulate cement out  
squeeze holes @ 865'  
back to surface  
between 5 1/2" csg and  
8 5/8" csg. Leave 5 1/2"  
csg full of cement +  
300 sx total

Perf 4 way squeeze  
holes @ 865'

TOC @ 2750' by CBL

CIBP @ 5000' w/4 sx  
cement on top

5 1/2" 15.5" csg set @ 5268'  
Stage 1: 200 sx cmt  
Stage 2: 350 sx cmt  
TOC @ 2750' by CBL  
DV Tool @ 4467'

Perfs: 5112-5152'  
2000 gals 7 1/2% Fercheck Ac;  
18,000 gals Delta Frac 140 (25")  
63,000 lbs 16/30 sand

PBTD - 5245'

TD - 5270'

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

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 the approval date of this Notice of Intent to Abandon.

**If you are unable to plug 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. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

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. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing 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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.**

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.