

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

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.*

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**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

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1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Ridgeway Arizona Oil Corp

3a. Address  
 777 N. Eldridge Pkwy #150 Houston, TX 77079

3b. Phone No. (include area code)  
 832-485-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 660 FSL & 1980 FEL  
 Section 24, T-07S, R-33E

5. Lease Serial No.  
 NM-82026

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 Federal A 3

9. API Well No.  
 30-041-20107

10. Field and Pool, or Exploratory Area  
 Chaveroo San Andres

11. County or Parish, State  
 Roosevelt County, NM

The "1" is not plugged, the "3" is plugged

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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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

INT TO PA   
 P&A NR \_\_\_\_\_  
 P&A R \_\_\_\_\_

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 recomplate 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.)

Proposed plugging procedure is attached

Federal A3 was plugged. Sundry needs to be submitted for Federal A3 (30-041-20154) with P&A dates. with notes on why it was late.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
 Jamie L Hogue

Title VP Regulatory Affairs

Signature *Jamie L Hogue*

Date 02/09/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

APPROVED  
 MAR 2 2016  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

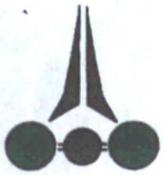
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

FOR RECORD ONLY

MW/OCD 03/21/2016

*CH*



# Ridgeway

Arizona Oil Corporation

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Plugging Procedure  
Federal "A" # 1  
API No. - 30-041-20107

1. Prepare location and test anchors
2. MIRU plugging rig
3. Notify OCD/BLM 24 hours prior to commencement of P & A procedure.
4. NDWH/NU BOP
5. RIH w-4 1/2 CIBP on 2 3/8 WS @ ~~4100~~ <sup>4122'</sup> (+/-) - within 100' of top perf - 4160'
  - a. Spot 35' of cement on CIBP
  - b. WOC - bump plug @ 4065' (+/-)

*CIBP @ 4072' (50' above top most perf)*
6. Load well with a minimum of 9 lb. mud and conduct MIT to 500 psi., test for leak off.
  - a. Bleed pressure off after MIT.
7. MIRU WL and RIH w/perf gun to 3065'
  - a. perforate @ 2 JSPF
  - b. POOH w/WL
  - c. RDWL
8. TIH w/WS - Squeeze 40 SX cement plug @ ~~3065~~ <sup>3100'</sup> to 2965' (+/-)
  - a. Wait on cement
  - b. Tag plug @ 2965' or above.

*(plug must be a minimum of 130' @ this depth)*
9. MIRU WL and RIH w/perf gun to 2065'
  - a. perforate @ 2 JSPF
  - b. POOH w/WL
  - c. RDWL

*2360' (to seal Yates formation)*
10. TIH w/WS - Squeeze 40 SX cement plug @ ~~2065~~ to 1965'
  - a. Wait on cement
  - b. Tag plug @ 1965' or above
11. MIRU WL and RIH w/perf gun to 1925'
  - a. perforate @ 2 JSPF
  - b. POOH w/WL
  - c. RDWL
12. TIH w/WS - Squeeze 60 SX cement plug @ 1025' to 925'
  - a. Wait on cement
  - b. Tag plug @ 925' or above
13. MIRU WL and RIH w/perf gun to 400'
  - a. perforate @ 2 JSPF
  - b. 8 5/8 Surface Casing Shoe @ 366'
  - c. POOH w/WL
  - d. Squeeze 60 SX cement from ~~400~~ <sup>412'-30'</sup> to 300' (+/-)

*TAG minimum of 312'.*
14. MIRU WL and RIH w/perf gun to 60'
  - a. perforate @ 2 JSPF
  - b. POOH w/WL
  - c. RDWL

*(50' below shoe + 50' above shoe)*
15. TIH w/WS - Circulate cement plug from 60' to surface
  - a. Wait on cement
  - b. Cut off well head
16. RDMO Plugging Rig
  - a. Install P & A marker plate
  - b. Cut off dead men
  - c. Remediate Location

Co. Rep NM-82026  
 Well Name Federal A Well No. 21  
 Field Chaveroo  
 County Roosevelt  
 State NM  
 Date 2/9/2016  
 Date Comp \_\_\_\_\_  
 KB 0.00

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8	0	24	<u>362'</u> 366	250	Surface
Inter Csg	0	0	0	0	0	0
Prod Csg	4 1/2	0	9 1/2	<u>4135'</u> 4422	150	Unknown
Liner O.D.	0	0	0	0	0	0

Lease NM-82026 Well # 21 Field Chaveroo  
 Well Test Data BOPD \_\_\_\_\_ BWPD \_\_\_\_\_ MCF \_\_\_\_\_  
 Unit Name & Size \_\_\_\_\_  
 Perforations \_\_\_\_\_  
 TBG Data \_\_\_\_\_ Pump Size \_\_\_\_\_  
 Strokes Per. Min. \_\_\_\_\_ Stroke Length \_\_\_\_\_ Seat Nipple \_\_\_\_\_  
 Tension \_\_\_\_\_ Rods String Taper 1 \_\_\_\_\_ Taper 2 \_\_\_\_\_  
 TAC \_\_\_\_\_ Rod Grade \_\_\_\_\_ Taper 3 \_\_\_\_\_ Taper 4 \_\_\_\_\_  
 Predictive Load \_\_\_\_\_ Actual Load \_\_\_\_\_

LIST DATES, REASON FOR FAILURES & MEASURES TAKEN TP PREVENT SAID FAILURES & NON FAILURE PULLS.

LIST ANY RECOMMENDATIONS TO PREVENT FUTURE FAILURES OR ANY COMMENTS ON WELL CONDITIONS THAT WILL CONTRIBUTE TO FAILURES.

Perf @ 60'  
 Sqz to  
 Surface

362'  
 Perf @ 400'  
 Sqz 60 SX

Perf @ 1025'  
 Sqz 40 SX

2360  
 Perf @ 2065'  
 Sqz 40 SX

Perf @ 3065'  
 Sqz. 40 SX

Perforations

\_\_\_\_\_  
 \_\_\_\_\_  
 4160-4378' 1 SPF

PBTD @ 4378' 4385' ETD @ 0  
 TD @ 4410

35' Cmt. Plug \_\_\_\_\_ 4065'  
 Cibp @ 4100 \_\_\_\_\_

4072'

4160'

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**Federal A 1  
30-041-20107  
Ridgeway Arizona Oil Corp  
March 02, 2016  
Conditions of Approval**

1. Operator shall place CIBP at 4,072' (50'-100' above top most perf) and place 35' of Class C cement on top as proposed. WOC and TAG.
2. Operator shall place a balanced Class C cement plug from 3,100'-2,965' as proposed. WOC and TAG.
3. Operator shall place a balanced Class C cement plug from 5,950'-5,800'. WOC and TAG.
4. Operator shall place a balanced Class C cement plug from 2,360'-1,965' to seal the Yates formation. WOC and TAG required.
5. Operator shall place a balanced Class C cement plug from 1,025'-925' as proposed. WOC and TAG.
6. Operator shall place a balanced Class C plug from 412'-312' to seal the 13-3/8" shoe. WOC and TAG.
7. Operator shall place a balanced Class C cement plug from 60'- surface as proposed
8. See Attached for general plugging stipulations.

**JAM 030216**

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BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(575) 627-0272

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 the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of 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 not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Monument: Upon abandonment of the well, all casing shall be cut-off at the base of the cellar or 3-feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Timing Limitation Lease Stipulation / Condition of Approval For Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D seismic operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

8. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.