

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
HobbsFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.
NMNM83197

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
FEDERAL 23 59. API Well No.
30-041-1053110. Field and Pool or Exploratory Area
CHAVEROO - SAN ANDRES

11. County or Parish, State

ROOSEVELT COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
RIDGEWAY ARIZONA OIL CORPContact: LAURI M STANFIELD
E-Mail: lstanfield@hunteroil.com3a. Address
777 NORTH ELDRIDGE PARKWAY, SUITE 150
HOUSTON, TX 770793b. Phone No. (include area code)
Ph: 832-485-8522**HOBBS OCD**

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

Sec 23 T7S R33E NWSW 1980FSL 660FWL

JUL 05 2018

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"/> Product	-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclam:	ity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomp	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Tempor	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water E	

INT TO PA PM
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 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.

Ridgeway Arizona Oil Corp (Ridgeway) requests approval to plug an abandon the Federal 23 #5 according to the attached proposed plugging procedure and well bore diagram.

BCM will plug the well, and is anticipated to start the P&A of the well around the middle of July.

Ridgeway or a representative will contact the BLM 24 hours prior to beginning plugging procedures.

Plugs altered.
2,460' - 2,162'
4,900' - 4,750'

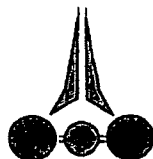
SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #425895 verified by the BLM Well Information System For RIDGEWAY ARIZONA OIL CORP, sent to the Roswell Committed to AFMSS for processing by JENNIFER SANCHEZ on 07/02/2018 ()	
Name (Printed/Typed) LAURI M STANFIELD	Title OFFICE MANAGER
Signature (Electronic Submission)	Date 06/29/2018
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
APPROVED	
BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
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 _____	
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)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

FOR RECORD ONLY
NMOCD 07/05/2018



Ridgeway

Arizona Oil Corporation

Plugging Procedure
Federal 23 #5
API - 30-041-10531
Sec. 23, T7S, R33E, UL-L
1980' FSL 660' FSL

1. Prepare location and test anchors
2. MIRU plugging rig
3. Notify OCD/BLM 24 hours prior to commencement of P&A procedures
4. NDWH/NU BOP
5. RIH w/ 4 1/2" CIBP on 2 3/8" workstring @ ~~4095'~~ ^{4061'} (+/-) within 50' of top perf - 4141'
 - a. Spot 35' of cement on CIBP
 - b. WOC - bump plug @ 4060' (+/-)
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 2460'
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
8. TIH w/WS - Squeeze 125' cement @ 2460' to ~~2335'~~ ^{2,162'} (+/-)
 - a. Wait on cement
 - b. Tag plug @ 2335' or above
9. MIRU WL and RIH w/perf gun to 1900'
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
10. TIH w/WS - Squeeze 100' cement @ 1900' to ~~1800'~~ ^{1,250'}
 - a. 7" casing shoe @ 1825'
 - b. Wait on cement
 - c. Tag plug @ 1800' or above
11. MIRU WL and RIH w/perf gun to 60'
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
12. TIH w/WS - Circulate cement plug from 60' to surface
 - a. Wait on cement
 - b. Cut off well head 4' below ground level
13. RDMO plugging rig
 - a. Install P&A marker
 - b. Cut off dead men
 - c. Remediate location

200 N. Loraine, STE 1440
Midland, TX 79701

Tel: 432-687-0303
Fax: 432-687-0321

Co. Rep	0	Well No.	5
Well Name	Federal 23		
Field	Chaveroo San Andres		
County	Roosevelt		
State	NM		
Date			
Date Comp			
KB	4376'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	7"		20#	1825'	350	Surface
Inter Csg						
Prod Csg	4 1/2"		9.5#	4325	350	
Liner O.D.						

Perf @ 60'
Sqz. To
Surface

7" to 1825'

perf @ 1900'
Sqz. 100' Cmt.

perf @ 2460'
sqz. 125' cmt.

35' cmt. Plug
CIBP 4095'

TOC
1800'

TOC
2335'

TOC 4060'

Lease	Federal 23	Well #	5	Field	Chaveroo San Andres
Well Test Data	BOPD	BWPD		MCF	
Unit Name & Size					
Perforations	4141-4253				
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 TO PREVENT SAID
FAILURES & NON FAILURE PULLS.

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

Perforations

4141, 43, 80, 85, 96; 4200, 02, 06, 11, 21, 25, 34, 39, 46, 51 & 53 @ 1 shot/interval - 16 holes

PBTD @ 4281'

ETD @ 4140'

TD @ 4330'

**Federal 23 5
30-041-10531
Ridgeway Arizona Oil Corp
July 2, 2018
Conditions of Approval**

- 1. Operator shall place CIBP at 4,091' (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 as proposed at 2,460'. Operator shall place a balanced Class C cement plug from 2,460'-2,162' to seal the top of the Yates formation. WOC and TAG.**
- 3. Operator shall perf and squeeze at 1,900. Operator shall place a balanced Class C cement plug from 1,900'-1,750' to seal the Shoe and the top of the Salt formation. WOC and TAG.**
- 4. Operator shall perf and squeeze at 60' bringing cement to surface.**
- 5. See Attached for general plugging stipulations.**

JAM 070218

BUREAU OF LAND MANAGEMENT

**Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(575) 627-0272**

Permanent Abandonment of Production Zone 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 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 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 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.**

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.