

# Operator

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

## 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-0108997 (A) *11-2-17*  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

Oil Well     Gas Well     Other

**HOBBS OCD**  
**JAN 30 2020**  
**RECEIVED**

8. Well Name and No. Farrell Federal #21

2. Name of Operator

Ridgeway Arizona Oil Company

9. API Well No. 30-041-20689

3a. Address

575 N. Dairy Ashford, Energy Center II, Ste 210  
Houston, TX 77079

3b. Phone No. (include area code)  
(713) 221-1766

10. Field and Pool or Exploratory Area  
Chaveroo San Andreas

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

2630' FSL, 1310' FEL of sec 28, T7S, R33E, Unit I

11. Country or Parish, State  
Roosevelt, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 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. has P&A'd the subject well per the attached job log and wellbore diagrams.

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

William Boyd

Land & Regulatory Manager

Title

Signature: *William Boyd*

Date

01/02/2020

THE SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by:

Title

JAN 16 2020  
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.

Office

BUREAU OF LAND MANAGEMENT  
ROSWELL 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)



## Job Log

P&A 11/12/2019

**Operator:** PEDEVCO Corp.  
**Well name:** Farrell Federal #21  
**Legal:** I, Section 28, Township 7 South, Range 33 East  
**GPS:** 33.67852, -103.56632  
**Location:** Roosevelt County, New Mexico  
**API:** 30-041-20689  
**Surface:** 8-5/8" 24# at 1,797'      **Hole size:** 12-1/4"      **TOC:** Surface  
**Production:** 4-1/2" 10.5# at 4,500'      **Hole size:** 7-7/8"      **TOC:** 300 sxs  
**Perforations:** 4,188' - 4,300'  
**TD:** 4,500'  
**PBTD:** 4,460'

- 11/02/2019** Road rig 17 and related equipment to well: Farrell federal #21, JSA update safety meeting w/ canon safety rep, spot in equipment, RU service rig 17, check well psi, 0psi, H2S 65ppm, RU pump, pump 10bbls freshwater, NU 7-1/16" BOP function test, RU wireline RIH w/gauge ring and tag hard spot @ 15' RD wireline RU bit/scraper, tag hard spot at 15', worked made no progress RU power swivel TIH w/ taper mill, mill the hard spot, RD power swivel RU wireline RIH w/ gauge ring tag another hard spot @2710' POH RD wireline SWI secure well SDFN
- 11/03/2019** Check well psi, 0psi in casing, H2S over 200ppm on surface casing Pump 10bbls freshwater, PU taper mill, RIH @ 4155' pass hard spot @2707' Circulate well clean, TOO, RU wireline RIH w/ CIBP tag @ 20' RD wireline PU casing scraper, TIH to 20' and work area clean, TOH, LD casing scraper RU wireline RIH w/CIBP set @ 4138', POH, RD wireline TIH w/ tubing @ 4136', spot 25 sxs on top of CIBP 14.8 class C, Yield 1.32, TOO no tubing in hole, SWI secure well SDFN
- 11/04/2019** Check well psi, 0psi, after 14hrs WOC, TIH w/tubing tag cement plug @3840' RU pump brake circulation, pressure test 510psi, (held for 10 min) pressure test good Pump 8bbls of 9ppg mud, TOO, LD tubing RU wireline RIH w/ squeeze gun shoot hole @ 3095', RD wireline TIH w/tubing @ 3143', RU pump, attempt to establish injection rate pressure up to 700 psi, unable to get injection rate Pump 15sxs 14.8 class C, Yield 1.32, TOO to 2439' RU pump reverse circulation w/24bbls freshwater, SWI secure well, SDFN
- 11/05/2019** Check well psi, 0psi, TIH w/tubing tag cement @2953' Pump 9bbls of mud 9ppg, TOO LD tubing RU wireline TIH w/ squeeze gun shoot holes @ 2335', RD wireline TIH w/tubing @ 2376' RU pump attempt to get injection rate Pressure up to 700psi, (held 10 min) no injection rate Pump 15sxs 14.8 class C, Yield 1.32, TOO, WOC 4hrs RU wireline, RIH w/ squeeze gun shoot holes @ 2050, RD wireline RIH w/ tubing tag TOC @2159', LD tubing to 2092' Attempt to get injection rate, pressure up to 710psi, (held 10min) unable to get injection rate Pump 23sxs 14.8 class C Yield 1.32,(TOC @ 1746) LD tubing WOC



RU wireline RIH w/squeeze gun and shoot holes @250' RD wireline  
Establish circulation, circulate well CO2 and 120ppm of H2S at return, circulate clean  
RU cementer, pump 83sxs 14.8 class C Yield 1.32 from 250' to surface  
SWI, secure well, SDFN

- 11/06/2019 Check TOC, 20' on 4-1/2" RU cementer top off well w/1.3sxs unable to check surface till  
cut well head off, RD service rig 17, SDFN
- 11/12/2019 Dig out and cut off wellhead 3' below ground level, TOC at surface both in/out of casing  
Weld info plate onto casing, back fill well pit, clean location, P&A complete

All Cement pump is 14.8# Class G 1.32 cu.ft./sack yield cement

Witnessed by: Oscar Torres, BLM P.E.T.  
Tool Pusher: Jesus Caudillo, Swabbco  
Rig Company: Swabbco Well Servicing  
Wireline Rep: Adam Daniels  
Wireline Company: DLD Pipe Recovery  
Company Rep: Caleb Rushing, Ridgeway & Charles Hinojosa, Pedevco

## WELLBORE DIAGRAM: After P&A Operations

<b>Operator:</b>	Ridgeway Arizona Oil Company	<b>API:</b>	30-041-20689
<b>Lease:</b>	Farrell Federal	<b>Legals:</b>	I, S28, T7S, R33E
<b>Well Number:</b>	21	<b>County:</b>	Roosevelt
		<b>Field:</b>	Chavaroo San Andreas
		<b>State:</b>	New Mexico

**WELLHEAD:**

**Surface Casing**

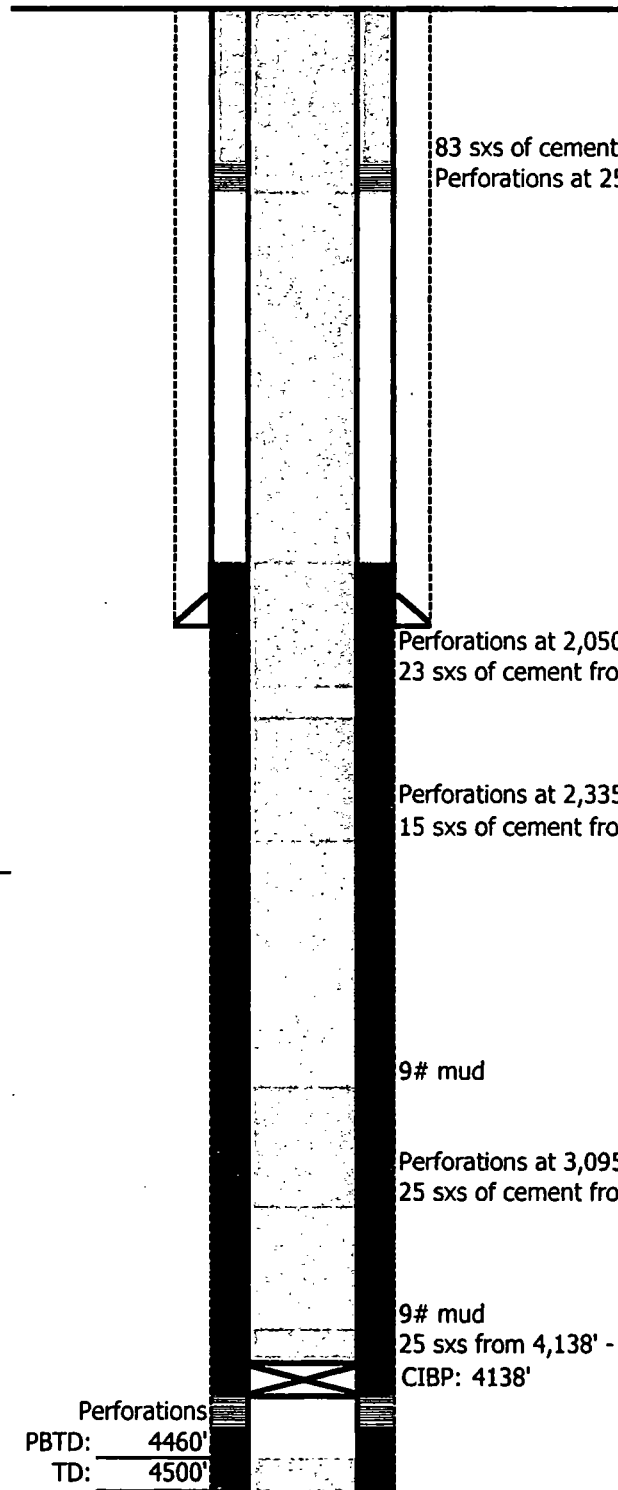
Size: 8-5/8"  
 Wght: 24#  
 Depth: 1797'  
 TOC: SURFACE  
 Hole Size: 12-1/4"

**Production Casing**

Size: 4-1/2"  
 Wght: 10.5#  
 Depth: 4500'  
 DV Tool: NONE  
 TOC: 300 sxs  
 Hole Size: 7-7/8"

**PERFORATIONS:**

CHAVAROO  
 SAN ANDREAS 4,188' - 4,300'



83 sxs of cement from 250' to surface  
 Perforations at 250'

Perforations at 2,050' with no injection  
 23 sxs of cement from 2,092' - 1,746'

Perforations at 2,335' with no injection  
 15 sxs of cement from 2,376' - 2,159'

9# mud

Perforations at 3,095' with no injection  
 25 sxs of cement from 3,143' - 2,953'

9# mud  
 25 sxs from 4,138' - 3,840'  
 CIBP: 4138'

**Updated:** 9/18/2019  
**By:**

Perforations  
 PBTB: 4460'  
 TD: 4500'



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 West Second Street  
Roswell, NM 88201



## Notice of Change to Procedure – Please Read

To All Operators,

This is to notify you that the Bureau of Land Management (BLM) Roswell Field Office will no longer be supplying copies of sundries (3160-5), applications for permit to drill (APDs), or completion reports (3160-4) to the New Mexico Oil Conservation Division (NMOCD).

Effective immediately, to be in compliance with C-104 requirements, the NMOCD is requiring operators to submit a copy of any sundries, APDs, or completion reports processed by the BLM to the appropriate NMOCD office. This change will affect all BLM sundries, APDs, and completion reports in Roosevelt and Chaves counties.

If a copy of a previously processed sundry, APD, or completion report is needed for submission to NMOCD, the Roswell Field Office will send a copy to the operator.

If you have any questions, please contact Jennifer Sanchez (BLM) 575-627-0237.

Thank you

**Note:** This notice is being included in multiple communications from the BLM Roswell Field Office and you may receive multiple copies.