

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs

HOBBS OCD

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to plug or to abandon a well. Use Form 3160-3 (APD) for such proposals.

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

5. Lease Serial No. NM 0108097 (A) - NMNM 83197

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator Ridgeway Arizona Oil Company

3a. Address 575 N. Dairy Ashford, Energy Center II, Ste 210
Houston, TX 77079

3b. Phone No. (include area code)
(713) 221-1768

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2630' FNL, 1310' FWL of sec 28, T7S, R33E, Unit E

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

8. Well Name and No. Farrell Federal #20

9. API Well No. 30-041-20696

10. Field and Pool or Exploratory Area
Chaveroo San Andreas

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

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Hydraulic Fracturing ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 recompleat 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 recompleat 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 Company has P&A'd the subject well per the attached job log and wellbore diagrams

Approved as to plugging of the
well bore. Liability under bond
is retained until surface resto-
ration is completed

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

William Boyd

Land & Regulatory Manager

Title

Signature

Date

11/12/2019

THE SPACE FOR FEDERAL OR STATE OFFICIAL SIGNATURE

Approved by

Title

NOV 21 2019

Office

BUREAU OF LAND MANAGEMENT
ROSWELL FIELD OFFICE

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.

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

XZ NMOCD 12-20-19



Job Log

Plug and Abandonment 10/30/2019

Operator: PEDEVCO Corp.
Well name: Farrell Federal #20
Legal: E, Section 28, Township 7 South, Range 33 East
GPS: 33.6788, -103.57514
Location: Roosevelt County, New Mexico
API: 30-041-20696
Surface: 8-5/8" 24# at 1,760' **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: 4,248' – 4,302'
TD: 4,470'
PBTD: 4,432'

- 10/14/2019: MIRU all P&A equipment, NUBOP, RU workfloor, RU wireline, PU 4-1/2" gauge ring
TIH and tag hard at 18', TOH, RD wireline, PU bit and scraper, TIH and tag at 18'
TOH and LD BHA, shut well in, shut down for night
- 10/15/2019: PU notched collar, TIH and clean out area at 18', received H2S hit, shut in well, shut down for night
- 10/16/2019: No operations on well, took time to gather tools and chemicals to remove H2S presence
- 10/17/2019: Install H2S monitors and oxygen supply on location, kill well with treated fluid to open well safely
TOH and LD BHA, PU bit and scraper, RU Washington head rubber, TIH and tagged at 18'
Worked and made 13', TOH and LD BHA
PU notched collar and check valve to prevent gas communication up tubing
TIH and clean out to 4,230' with power swivel, circulate gas out & condition wellbore w/chemicals
No H2S presence detected, TOH, stand back tubing, shut well in, shut down for night
- 10/18/2019: Check well for H2S, no H2S detected, well dead, PU drill bit sized for 4-1/2" casing
TIH and clean out area at 25' with power swivel, TOH, PU 4-1/2" bit and scraper
TIH to 25' and clean out with scraper, TOH, RU wireline, TIH with 3.5" gauge ring, tagged at 25'
TOH and RD wireline, PU tapered mill, TIH and tag at 25', RU power swivel, clean out, RD swivel
Continue TIH with tapered mill to 4,207', TOH, RU wireline, TIH with 3.5" gauge ring to 4,230'
TOH, PU 4-1/2" CIBP, TIH and set at 4,198' (Per BLM COA's), TOH, RD wireline
TIH tubing and tag CIBP at 4,198', shut well in, shut down for night
- 10/19/2019: RU cementer, pumped 29 sxs of 14.8# class C 1.32 cu.ft./sack yield cement on top of CIBP
TOH 15 stands, reverse circulate tubing clean, WOC 4 hours, TIH and tag TOC at 3,774'
Pressure tested casing to 500 psi for 10 minutes, pressure held, witnessed by: Oscar Torres, BLM
Pumped 14 bbl. Of 9# mud, displaced with fresh water, TOH
RU wireline, TIH and perforate casing at 3,055', TOH, RD wireline
TIH tubing to 3,057', attempted to establish injection rate, pressured up to 500 psi, no rate
TIH to 3,106', pumped 13 sxs of 14.8# class C 1.32 cu.ft./sack yield cement
TOH 10 stands, reverse circulate tubing clean, shut well in, shut down and WOC overnight



- 10/20/2019: TIH and tag TOC at 2,990', pumped 11 bbl. Of 9# mud, TOH
RU wireline, TIH and perf at 2,335', TOH, RD wireline, attempt to establish injection rate, unable
TIH tubing to 2,385', pumped 15 sxs of 14.8# class C 1.32 cu.ft./sack yield cement, TOC: 2,170'
TOH, WOC 4 hours, RU wireline, TIH and perf at 2,050', RD wireline
Attempt to establish injection rate, pressured up to 500 psi, held for 5 minutes, no injection rate
RU wireline, TIH and perforate casing at 2,350', TOH, RD wireline, had H2S in annulus
Circulated well with chemicals until no H2S presence detected
TIH tubing and tag TOC 2,201', TOH tubing to 2,105'
Pumped 15 sxs of 14.8# class C 1.32 cu.ft./sack yield cement, TOC: 1,890'
TOH 10 stands, reverse circulate tubing clean, shut well in, Shut down and WOC overnight
- 10/21/2019: TIH and tag TOC at 1,979', approved by Oscar Torres, BLM, pump 11 bbl. Of 9# mud
TOH and LD tubing, NDBOP, NUWH, circulate wellbore to prep for cement
No presence of H2S, Hydrocarbons, or trapped pressure observed
Circulate 83 sxs of 14.8# class C 1.32 cu.ft./sack yield cement via perfs at 250' to surface
RD workover rig, Move Off
- 10/30/2019: NDWH, dig out wellhead, cut off wellhead 3' below ground level
TOC 12' inside 4-1/2" and 0' in surface casing, weld on info plate and cap
Backfill pit, clean location, RDMO, P&A complete

Shoe @ 1760'

Witnessed by: Oscar Torres, BLM P.E.T.

Tool Pusher: Tony Sinke & 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

| | | | | | |
|--------------|------------------------------|---------|-------------------|--------|----------------------|
| Operator: | Ridgeway Arizona Oil Company | | | API: | 30-041-20696 |
| Lease: | Farrell Federal | Legals: | I, S28, T7S, R33E | Field: | Chavaroo San Andreas |
| Well Number: | 20 | County: | Roosevelt | State: | New Mexico |

WELLHEAD:

Surface Casing

Size: 8-5/8"
Wght: 24#
Depth: 1760'
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 4248' - 4302'

83 sxs of cement to surface inside and outside of 4-1/2"
Perforations at 250'

9# mud from 1,979' to 250'

Perforations at 2,050'

15 sxs of cement from 2,105', tagged at 1,979'

Perforations at 2,335'

15 sxs of cement from 2,385', tagged at 2,201'

9# mud from 2,990' - 2,385'

Perforations at 3,055'

13 sxs of cement from 3,106', tagged at 2,990'

9# mud from 3,774' - 3,106'

29 sxs on top of CIBP, tagged TOC at 3,774'

CIBP: 4198'

Perforations

Updated: 9/18/2019
By:

PBTD: 4432'
TD: 4500'

