Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
OCT 30 2019
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

	WELL API NO. 30-041-10252
	5. Indicate Type of Lease STATE ☐ FEE ☐
	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name Farrell Federal
1. Type of Well: Oil Well ☐ Gas Well ☐ Other	8. Well Number #3
2. Name of Operator Ridway Arizona Oil Company	9. OGRID Number 016530
3. Address of Operator 575 N Dairy Ashford Energy Center II, Ste 210 Houston, TX 77079	10. Pool name or Wildcat Chaveroo, San Andreas
4. Well Location Unit Letter N : 660 feet from the South line and 1980 feet from the West line Section 28 Township 7S Range 33E NMPM County Roosevelt	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4410

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Ridgeway Arizona Oil Company proposes to P&A the subject well per the attached procedure and wellbore diagrams

See Attached Conditions of Approval

SUBJECT TO LIKE APPROVAL BY BLM

Spud Date: | Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE William Boyd TITLE Land + Regulatory Manager DATE 10/31/2019

Type or print name William Boyd E-mail address: whoyd@pdeveo.com PHONE: 713-572-7912

For State Use Only

APPROVED BY: Kerry Fortner TITLE C. O. A DATE 10-30-19

Conditions of Approval (if any)

WELLBORE DIAGRAM: After P&A Operations

Operator:	Ridgeway Arizona Oil Company			**API:**	30-041-10252
Lease:	Farrell Federal	**Legals:**	N, S28, T7S, R33E	**Field:**	Chavaroo San Andreas
Well Number:	3	**County:**	Roosevelt	**State:**	New Mexico

WELLHEAD:

Surface Casing

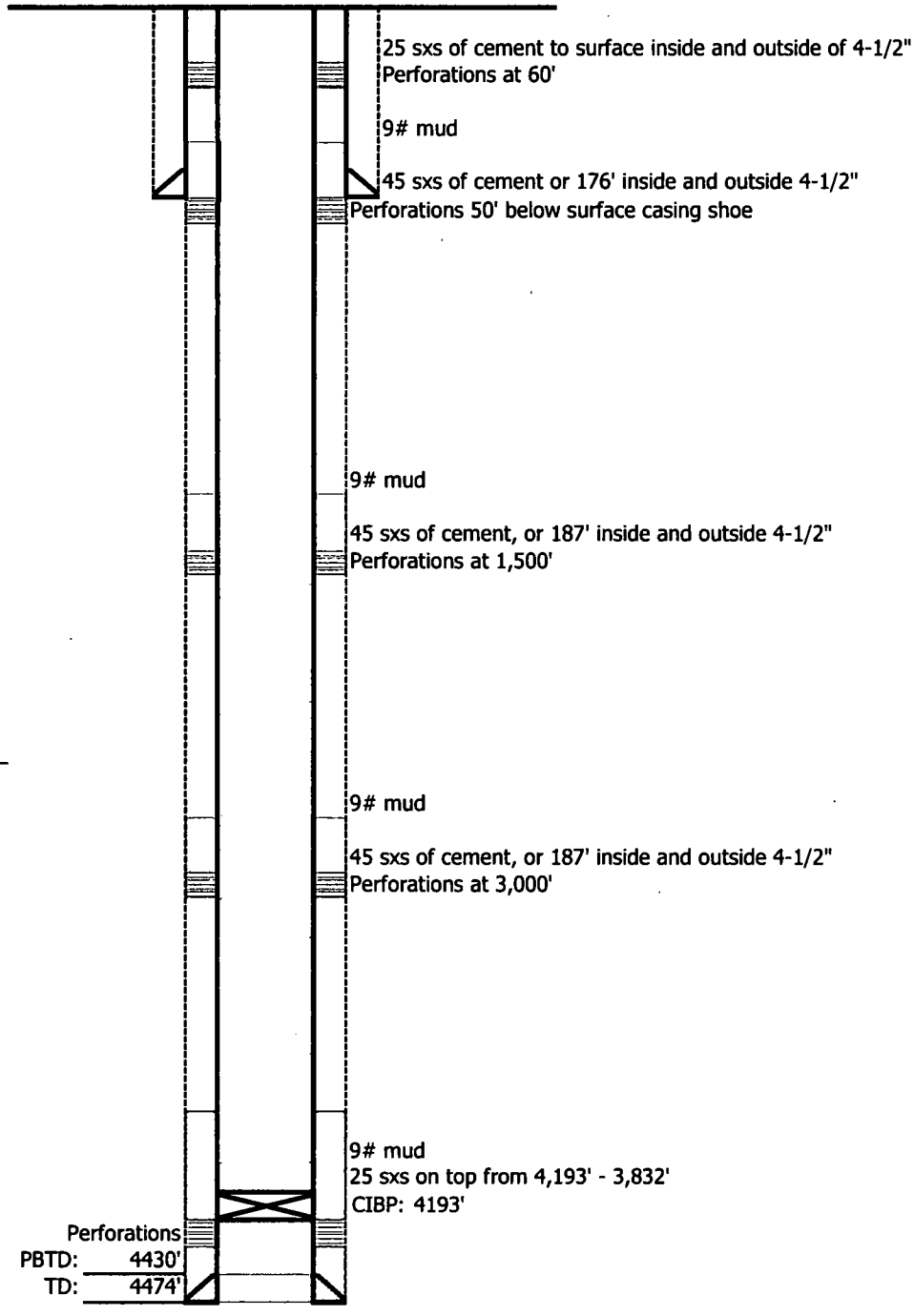
Size:	8-5/8"
Wght:	24#
Depth:	405'
TOC:	SURFACE
Hole Size:	12-1/4"

Production Casing

Size:	4-1/2"
Wght:	9.5#
Depth:	4,474'
DV Tool:	NONE
TOC:	UNKOWN
Hole Size:	7-7/8"

PERFORATIONS:

CHAVAROO SAN ANDREAS 4,243' - 4,403'



Updated: **9/18/2019**

By:

PBTD: 4430'

TD: 4474'

WELLBORE DIAGRAM: Before P&A Operations

Operator:	Ridgeway Arizona Oil Company			**API:**	30-041-10252
Lease:	Farrell Federal	**Legals:**	N, S28, T7S, R33E	**Field:**	Chavaroo San Andreas
Well Number:	3	**County:**	Roosevelt	**State:**	New Mexico

WELLHEAD:

Surface Casing

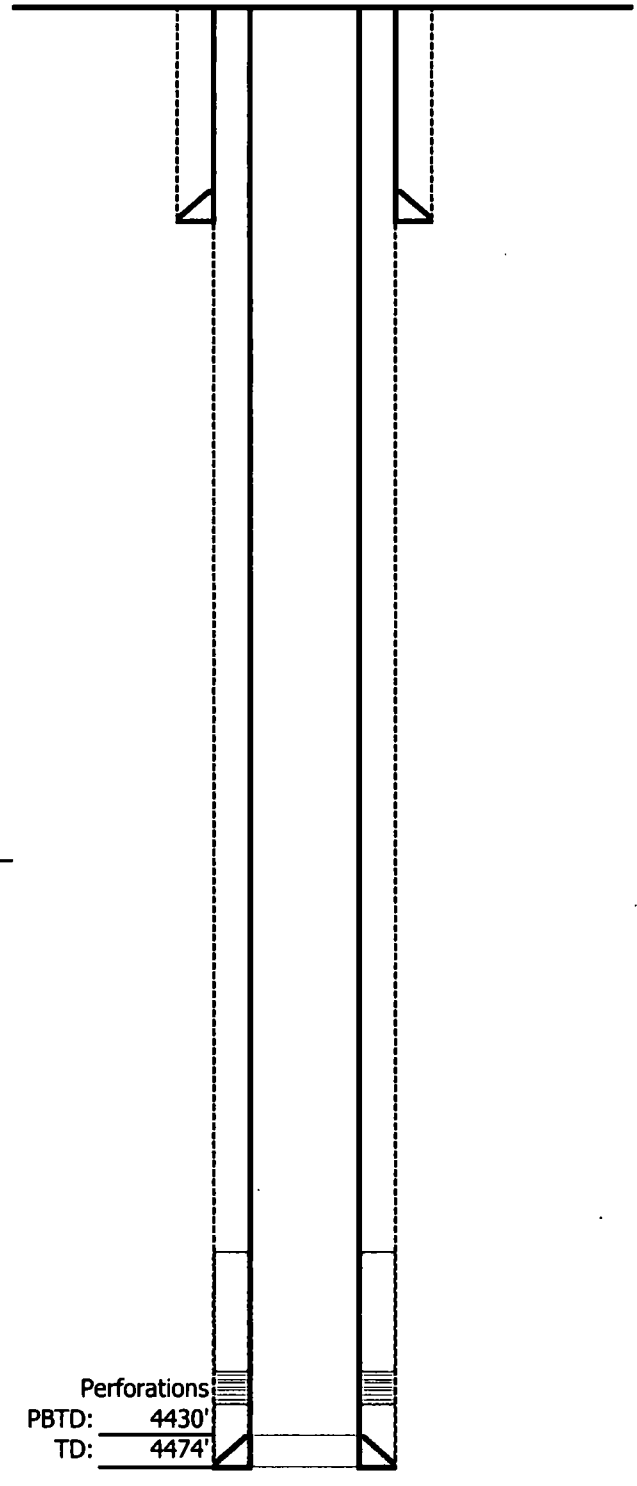
Size:	8-5/8"
Wght:	24#
Depth:	405'
TOC:	SURFACE
Hole Size:	12-1/4"

Production Casing

Size:	4-1/2"
Wght:	9.5#
Depth:	4,474'
DV Tool:	NONE
TOC:	UNKNOWN
Hole Size:	7-7/8"

PERFORATIONS:

CHAVAROO SAN ANDREAS 4,243' - 4,403'



Updated: **9/18/2019**

By:

SWABBCO
WELL SERVICING | COMPLETION

Recommended Procedure — *Plug and Abandonment*

Operator:	PEDEVCO Corp.		
Well name:	Farrell Federal #03		
Legal:	N, Section 28, Township 7 South, Range 33 East		
Location:	Roosevelt County, New Mexico		
API:	30-041-10252		
Surface:	8-5/8" 24# at 405'	**Hole size:** 12-1/4"	**TOC:** Surface
Production:	4-1/2" 9.5# at 4,474'	**Hole size:** 7-7/8"	**TOC:** Unknown
Perforations:	4,243' – 4,403'		
TD:	4,474'		
PBTD:	4,430'		

*** Procedure based off of operator provided wellbore diagram and well file, NOT an approved procedure ***

1. Ensure that BLM/NM OCD has been notified 48 hours prior to rig up
2. Conduct pre-job safety meeting and complete daily JSA
3. Prior to MIRU, record initial shut-in pressures on tubing, production casing, and surface casing
4. Dig out around wellhead and check surface casing for pressure and record
    a. If pressure is present call Oscar Torres #575-208-8701 and Charles Hinojosa #512-771-1523 for orders
5. Blow down well/kill if necessary
6. MIRU P&A equipment, TOH and LD rods, NDWH, NUBOP
7. TOH and tally any existing tubing to derrick, LD BHA
    a. Inspect tubing for holes/damaged threads/collars, LD any bad tubing
8. PU 4-1/2" 9.5# bit and scraper, PU any additional tubing if necessary, TIH to 4,243' (top of perfs)
9. TOH, LD BHA
10. RU wireline, PU 4-1/2" 9.5#, CIBP, TIH and set at 4,193', TOH, RD wireline
11. TIH tubing to 4,193', pump 25 sxs of 14.8# class C 1.32 cu.ft./sack yield cement on top of CIBP
    a. 25 sxs is 361' in 4-1/2" 9.5# casing, TOC: 3,832'
12. Load wellbore with 9# mud, pressure test casing/CIBP to 500 psi
    a. If test fails call Oscar Torres and Charles Hinojosa for orders
    b. **Note:** If casing/CIBP/CICR pressure tests fail or unable to establish injection/circulation additional steps/services required by the BLM/NM OCD are not included in this bid and will be billed per our 2019 Time and Material Price Schedule.
13. TOH, RU wireline
14. TIH and perforate casing at 3,000', TOH, establish injection rate into perfs/circulation via surface casing
    a. If unable to establish injection rate into perforations or circulation to surface via perforations call Oscar Torres and Charles Hinojosa for orders
15. RD wireline if injection rate is acceptable for cement
16. TIH tubing to 3,000', shut pipe rams on BOP, shut surface casing valve, open production casing
17. RU cementer, mix and pump 45 sxs of 14.8# class C 1.32 cu.ft./sack yield cement
    a. Displace 13 sxs into 4-1/2" 9.5# casing, from 3,000' to 2,812', shut production casing valve and open surface casing valve
    b. Displace remaining 32 sxs into 4-1/2" x 7-7/8" open hole from 3,000' to 2,814'
    c. Open production casing and surface casing valves to allow plug to balance
    d. Open pipe rams, RD cementer
18. TOH, wait on cement
19. TIH and tag TOC at 2,870' or higher (100' + 30% per BLM regulations)
20. TOH

21. RU wireline, TIH and perforate casing at 1,500', TOH, establish injection rate into perfs/circulation to surface via perforations
    a. If unable to establish injection rate into perforations or circulation to surface via perforations call Oscar Torres and Charles Hinojosa for orders
22. RD wireline if injection rate is acceptable for cement
23. TIH tubing to 1,500', shut pipe rams on BOP, shut surface casing valve, open production casing
24. RU cementer, mix and pump 45 sxs of 15.8# class G neat 1.15 cu.f.t/sack yield cement
    a. Displace 13 sxs into 4-1/2" 9.5# casing, from 1,500' to 1,332', shut production casing valve and open surface casing valve
    b. Displace remaining 32 sxs into 4-1/2" x 7-7/8" open hole from 1,500' to 1,314'
    c. Open production casing and surface casing valves to allow plug to balance
    d. Open pipe rams, RD cementer
25. TOH, wait on cement
26. TIH and tag TOC at 1,380' or higher (100' + 20% per BLM regulations)
27. TOH
28. RU wireline TIH and perforate casing at 455' (50' below surface casing shoe), TOH, establish injection rate into perf/circulation to surface via perforations
    a. If unable to establish injection rate into perforations or circulation to surface via perforations call Oscar Torres and Charles Hinojosa for orders
29. RD wireline if injection rate is acceptable for cement
30. RU cementer, mix and pump 45 sxs of 14.8# class C 1.32 cu.ft./sack yield cement
    a. Displace 12 sxs into 4-1/2" 9.5# casing from 455' to 281', shut production casing valve and open surface casing valve
    b. Displace remaining 33 sxs into 4-1/2" x 7-7/8" and 4-1/2" x 8-5/8" 24# annulus from 455' to 276'
    c. Open production casing and surface casing valves to allow plug to balance
    d. Open pipe rams, RD cementer
31. TOH, wait on cement
32. TIH and tag TOC at 353' or higher (50' above surface casing shoe)
33. RU wireline, TIH and perforate casing at 60', TOH, establish circulation to surface via perforations
    a. If unable to establish circulation to surface via perforations call Oscar Torres and Charles Hinojosa for orders
34. RU cementer, mix and circulate 25 sxs of 14.8# class C 1.32 cu.ft./sack yield cement to surface
    a. Verify that returns at surface are proper weight cement and not contaminated
35. RDMO, dig out and cut off wellhead 3' – 6' below ground level, verify cement at surface, top off if necessary
36. Weld info plate onto casing
37. Backfill pit, clean location, P&A complete

GENERAL CONDITIONS OF APPROVAL:

1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.

2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.

3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of **one year** from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.

4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.

5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.

6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.

7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.

8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart

9) Site remediation due within one year of well plugging completion.