

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

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. 30-005-10510
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name KM Chaveroo SA
8. Well Number 018
9. OGRID Number 164557
10. Pool name or Wildcat CHAVEROO;SAN ANDRES

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
 Ridgeway Arizona Oil Corp.

3. Address of Operator
 575 N. Dary Ashford, Suite 210, Houston, TX 77079

4. Well Location

Unit Letter I: 1980 feet from the S line and 660 feet from the W line

Section 02 Township 08S Range 33E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐
 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.

See plugging report and diagrams below.

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: Ethan Wakefield

TITLE: Authorized Representative

DATE 9/4/24

Type or print name: Ethan Wakefield

E-mail address: e.wakefield@dwsrigs.com

PHONE: 405-343-7736

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Ridgeway Arizona Oil Corp.

Plug And Abandonment End Of Well Report

KM Chaveroo SA #018

1980' FSL & 660' FWL, Section 02, 08S, 33E

Chaves County, NM / API 30-005-10510

Work Summary:

- 8/17/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 8/18/24** Moved rig to location. Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Dug cellar with backhoe. R/U unit. Checked well pressures (tubing 15 psi, casing 30 psi, BH 0 psi). Removed horses head. Moved pumpjack out of the way. Unset rod pump. L/D 69 ¾" rods and 100 5/8" rods. ND WH, NU BOP, R/U floor and equipment. Secured well for the day.
- 8/19/24** Moved rig to location. Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi). TOOH with 119 joints, L/D 17 bad joints (136 total 2-3/8" tubing). P/U 5.5" scraper. Round tripped to 4208'. P/U 5.5" CR. TIH and set CR at 4160'. Successfully pressure tested tubing. Sting out of CR. Circulated well with 70 bbls of fresh water. Attempted to pressure test casing but was unsuccessful. TOOH. Shut in well. Performed rig maintenance.
- 8/20/24** Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi) Fill the hole with 15 bbls of fresh water. TOOH. R/U wireline services. RIH and logged well. R/D wireline services. Shut down operations due to BLM crop dusting operations.
- 8/21/24** Stand by due to crop dusting.
- 8/22/24** Stand by due to crop dusting. Traveled to location to check on equipment.

- 8/23/24** Stand by due to crop dusting. Travel to location to check on equipment.
- 8/24/24** Stand by due to crop dusting. Travel to location to check on equipment.
- 8/25/24** Stand by due to crop dusting. Travel to location to check on equipment.
- 8/26/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi). TIH to 4160'. R/U cementing services. Established circulation with 9 bbls of fresh water. Pumped plug #1 from 4160' to 3945'. L/D 6 joints. TOOH. WOC 4 hours. TIH and tagged plug #1 at 3933'. R/U cementing services. Pumped 9.0 PPG mud spacer from 3933' to 3566'. R/D cementers. L/D 11 joints. R/U cementing services. Pumped plug #2 from 3565' to 3351'. L/D 7 joints. Reverse circulated at 3333'. TOOH. WOC overnight.
- 8/27/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi). TIH and tagged plug #2 at 3365'. R/U cementing services. Established circulation with 4.5 bbls of fresh water. Pumped 9.0 PPG mud spacer from 3364' to 3050'. R/D cementers. TOOH. Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 3050'. POOH. R/D wireline services. Attempted to establish an injection rate but casing pressured up (1 bbl/min at 480 psi). TIH to 3110'. R/U cementing services. Pumped plug #3 from 3110' to 2837'. R/D cementers. L/D 9 joints. TOOH. WOC 4 hours. TIH and tagged plug #3 at 2831'. R/U cementing services. Pumped 9.0 PPG mud spacer from 2830' to 2571'. L/D 8 joints and TOOH. Shut and secured well for the day.
- 8/28/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi). Continued to TOOH. R/U cementing services. Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforate at 2571'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate ($\frac{3}{4}$ bbl/min at 490 psi). TIH to 2622'. R/U cementing services. Pumped plug #4 from 2622' to 2132'. R/D cementers. L/D 15 joints and TOOH. WOC 4 hours. TIH and tagged plug #4 at 2135'. R/U cementing services. Pumped 9.0 mud spacer from 2135' to 1965'. L/D 5 joints and TOOH. R/U wireline services. RIH and perforated at 1965'. POOH. R/D wireline services. TIH to 2016'. R/U cementing services. Pumped plug #5 from 2016' to 1750'. L/D 8 joints and TOOH. WOC overnight.

8/29/24 Arrived on location. Held safety meeting. Completed spiral gas check. Checked well pressures (tubing 0 psi, casing 0 psi, BH 0 psi). TIH and tagged plug #5 at 1752'. R/U cementing services. Pumped 9.0 PPG mud spacer from 1750' to 455'. R/D cementers. L/D all tubing. R/U cementers. Attempted to pressure test the BH (1.6 bbls/min at 200 psi). R/D cementers. R/U wireline services. RIH and perforated at 455'. POOH. R/D wireline services. R/U cementing services. Established circulation down production casing, into perforations at 455', and out BH at surface with 12 bbls. Pumped plug #6 down production casing, into perforations at 455', and out BH at surface. R/D cementers. R/D floor and equipment. ND BOP. R/D unit. Dig cellar with backhoe. R/U welder on location. Performed WH cutoff. Cement was at surface in both strings. Installed P&A marker per all NMOCD and BLM regulations. Prepare to MOL.

Plug Summary:

Plug #1: (Perforations, 4,160'-3,933', 25 Sacks Type I/II Cement)

P/U 5.5" scraper. Round tripped to 4208'. P/U 5.5" CR. TIH and set CR at 4160'. Shut down. TIH to 4160'. R/U cementing services. Established circulation with 9 bbls of fresh water. Pumped plug #1 from 4160' to 3945'. L/D 6 joints. TOOH. WOC 4 hours. TIH and tagged plug #1 at 3933'.

Plug #2: (San Andres Formation Top, 3,565'-3,365', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 3565' to 3351'. L/D 7 joints. Reverse circulated at 3333'. TOOH. WOC overnight. TIH and tagged plug #2 at 3365'.

Plug #3: (Queen Formation Tops, 3,110'-2,831', 32 Sacks Type I/II Cement)

Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 3050'. POOH. R/D wireline services. Attempted to establish an injection rate but casing pressured up (1 bbl/min at 480 psi). TIH to 3110'. R/U cementing services. Pumped plug #3 from 3110' to 2837'. R/D cementers. L/D 9 joints. TOOH. WOC 4 hours. TIH and tagged plug #3 at 2831'.

Plug #4: (7 Rivers, Yates, and Base Salt Formation Tops, 2,622'-2,135', 57 Sacks Type I/II Cement)

Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforate at 2571'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate ($\frac{3}{4}$ bbl/min at 490 psi). TIH to 2622'. R/U cementing services. Pumped plug #4 from 2622' to 2132'. R/D cementers. L/D 15 joints and TOOH. WOC 4 hours. TIH and tagged plug #4 at 2135'.

Plug #5: (Rustler Formation Top, 2,016'-1,752', 31 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1965'. POOH. R/D wireline services. TIH to 2016'. R/U cementing services. Pumped plug #5 from 2016' to 1750'. L/D 8 joints and TOOH. WOC overnight. TIH and tagged plug #5 at 1752'.

Plug #6: (Surface, 455'-Surface, 161 Sacks Type I/II Cement) (0 sx for top off)

R/U wireline services. RIH and perforated at 455'. POOH. R/D wireline services. R/U cementing services. Established circulation down production casing, into perforations at 455', and out BH at surface with 12 bbls. Pumped plug #6 down production casing, into perforations at 455', and out BH at surface. R/D cementers. R/D floor and equipment. ND BOP. R/D unit. Dig cellar with backhoe. R/U welder on location. Performed WH cutoff. Cement was at surface in both strings. Installed P&A marker per all NMOCD and BLM regulations.

Completed Wellbore Diagram

RIDGEWAY ARIZONA OIL CORP.
KM CHAVEROO SA UNIT #018
API: 30-005-10510
Chaves County, New Mexico

LPCH: Yes

Surface Casing

8.625" 24# @ 405 ft
OH: 12.25'

Estimated Formations

Rustler - 1915 feet
Base Salt - 2232 feet
Yates - 2338 feet
7 Rivers - 2521 feet
Queen - 3002 feet
San Andres - 3516 feet

TOC: 3300'

Retainer @ 4160 feet

Production Casing

5.5" 14# @ 4334 feet
OH: 7.875"

Plug 6 (Inside/Outside)

455 feet - surface
455 foot plug
161 Sacks of Type I/II Cement

Plug 5

2016 feet - 1752 feet
264 foot plug
31 Sacks of Type I/II Cement

Plug 4

2622 feet - 2135 feet
487 foot plug
57 Sacks of Type I/II Cement

Plug 3

3110 feet - 2831 feet
279 foot plug
32 Sacks of Type I/II Cement

Plug 2

3565 feet - 3365 feet
200 foot plug
25 Sacks of Type I/II Cement

Plug 1

4160 feet - 3933 feet
227 foot plug
25 sacks of Type I/II Cement

Perforations

4210 feet - 4329 feet

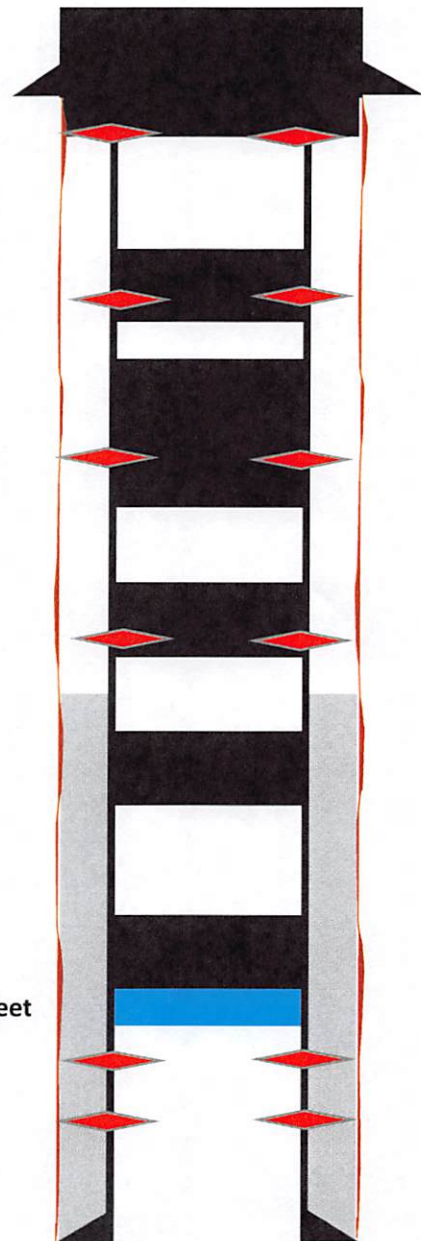




Figure 2: Marker



Figure 3: Cut Off

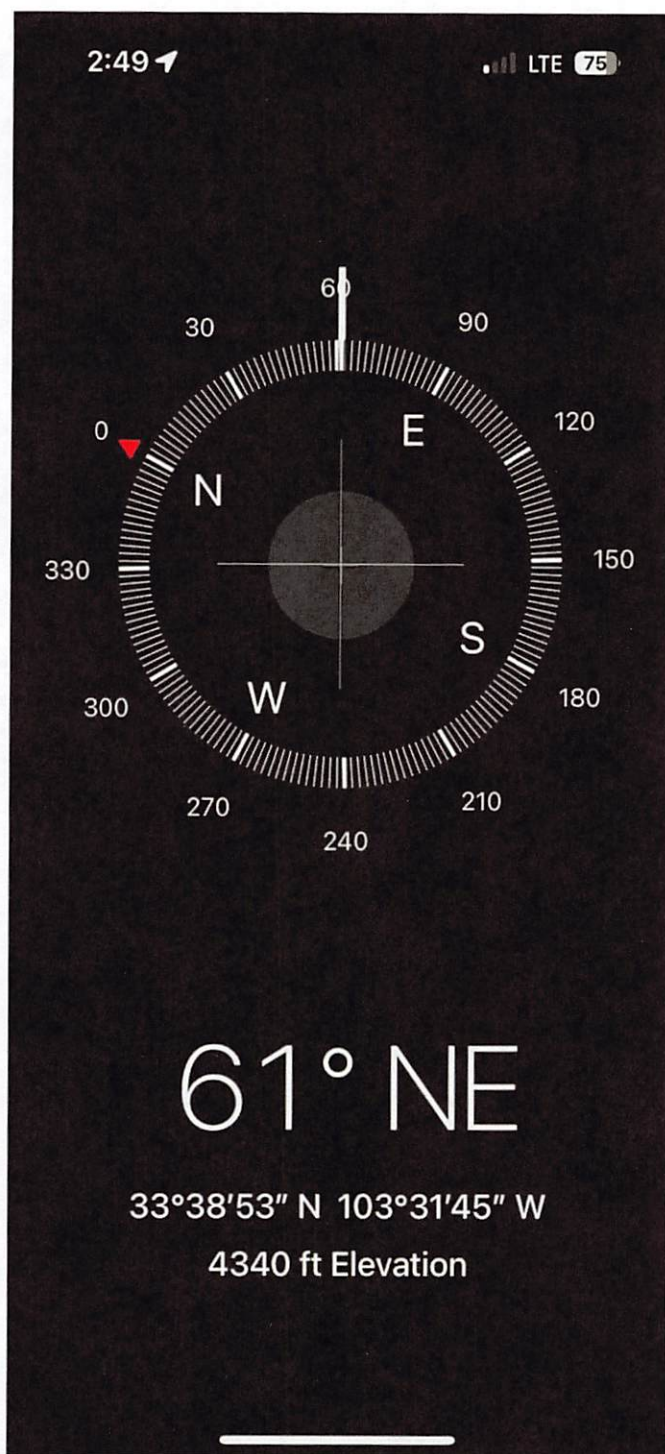


Figure 1: GPS

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 380718

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 380718
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	9/16/2024