

Submit 1 Copy To Appropriate District Office

District I – (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

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1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

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.)		WELL API NO. 30-005-10497
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Ridgeway Arizona Oil Corp.		6. State Oil & Gas Lease No.
3. Address of Operator 575 N. Dary Ashford, Suite 210, Houston, TX 77079		7. Lease Name or Unit Agreement Name KM Chaveroo SA
4. Well Location Unit Letter K: 1980 feet from the S line and 1980 feet from the W line Section 02 Township 08S Range 33E NMPM County Chaves		8. Well Number 016
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 164557
10. Pool name or Wildcat CHAVEROO;SAN ANDRES		

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 documentation 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 8/30/24

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 #016

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

Chaves County, NM / API 30-005-10497

Work Summary:

- 8/8/24** DES crew prepped equipment in the Roswell yard in preparation for the KM Chaveroo SA #016.
- 8/9/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST. DES continued prepping equipment and cement storage in the Roswell yard.
- 8/10/24** Moved rig 90 miles to location. Arrived on location. Held safety meeting. Checked well pressures (casing 90 psi, tubing and BH 0 psi). Completed spiral gas check for H2S and other gas. Prepped road and location using backhoe. R/U unit and equipment. Removed horses head and pumpjack. R/U cementing services. Pumped 20 bbls of fresh water down 5.5" casing. Unset rod and pump. Lay down polished rod. R/U cementing services. Pumped 20 bbls down 2-3/8" tubing. L/D 60 3/4" rods. Shut in and secured well for the day.
- 8/11/24** Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. L/D 106 5/8" rods. ND WH, NU BOP, R/U floor and all equipment. TOOH with 131 joints of 2-3/8" tubing. L/D 4 bad joints. P/U 5.5" scraper. TIH with scraper to 4212'. TOOH. L/D scraper. Shut in and secured well for the day.
- 8/12/24** Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. P/U 5.5" CR. TIH and set CR at 4156'. R/U cementing services. Successfully pressure testing tubing to 1000 psi. Sting out of CR.

Circulated well bore with 15 bbls of water, pumped 90 bbls total. Successfully pressure tested casing to 800 psi for 30 minutes. TOOH. Remove stinger. R/U wireline services. RIH and logged well. R/D wireline services. TIH to 4156'. R/U cementing services. Pumped plug #1 from 4156' to 3946'. R/D cementing services. L/D 7 joints and TOOH. WOC overnight. Shut in and secured well.

8/13/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TIH and tagged plug #1 at 3820'. R/U cementing services. Pumped 2 bbls of fresh water to establish circulation. Pumped 9.0 PPG mud spacer from 3820' to 3547'. L/D 8 joints. R/U cementing services. Pumped plug #2 from 3544' to 3332'. R/D cementing services. L/D 7 joints. R/U cementing services and reverse circulated at 3334'. Pumped 9.0 PPG mud spacer from 3334' to 2988'. R/D cementers. L/D 11 joints and TOOH. Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 2988'. POOH. R/D wireline. R/U cementing services. Attempted to establish an injection rate, but casing pressured up (.5 bbl @ 450 psi). TIH to 3040'. R/U cementing services. Pumped plug #3 from 3040' to 2838'. L/D 7 joints. Reverse circulated at 2835' TOOH. WOC overnight.

8/14/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TIH and tagged plug #3 at 2835'. L/D 1 joints and TOOH. R/U cementing services. Successfully pressure tested casing to 800 psi. R/D cementers. R/U wireline services. RIH and perforated at 2830'. POOH. R/D wireline services. Attempted to establish an injection rate but casing pressured up (0.05 bbls/min at 480 psi). TIH to 2835'. R/U cementing services. Continued pumping plug #3 from 2385' to 2773'. R/D cementers. L/D 3 joints and TOOH. WOC 4 hours. TIH and tagged plug #3 and 2775'. R/U cementing services. Pumped 9.0 PPG spacer from 2773' to 2552'. R/D cementers. L/D 6 joints and TOOH. Successfully pressure test casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 2552'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate but casing pressured up (0.7 bbl/min at 485 psi). Shutdown. Shut in and secured well.

8/15/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TIH to 2602'. R/U cementing services. Pumped plug #4 from 2602' to 2180'. R/D cementing services. L/D tubing to 2180'. Reverse circulated. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2322'. R/U cementing services. Continued pumping plug #4 from 2322' to

2180'. R/D cementing services. L/D 4 joints. Reverse circulated at 2180'. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2190'. TOOH. Shut in and secured well for the day.

8/16/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TOOH. R/U cementing services. Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 2180'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate, but casing pressured up (0.75 bbl/min at 490 psi). TIH to 2190'. R/U cementing services. Continue pumping plug #4 from 2190' to 2122'. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2170'. R/U cementing services. Pumped 9.0 PPG spacer from 2170' to 1970'. L/D 4 joints and TOOH. R/U wireline services. RIH and perforated at 1970'. POOH. R/D wireline services. NMOCD rep did not want to disrupt the formation trying to establish an injection rate. TIH to 2020'. R/U cementing services. Established circulation with 17 bbl of fresh water. Pumped plug #5 from 2020' to 1755'. L/D 8 joints. TOOH. WOC overnight. Shut in and secured well.

8/17/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TIH and tagged plug #5 at 1975'. R/U cementing services. Established circulation with 9.5 bbls of fresh water. Continued pumping plug #5 from 1975' to 1755'. L/D 6 joints and TOOH. WOC 4 hours. TIH and tagged plug #5 at 1753'. R/U cementing services. Successfully pressure tested casing to 800 psi for 30 minutes. Swap hoses. Pressure tested BH to 300 psi at 0.4 bbl. Pumped 9.0 PPG spacer fluid from 1753' to 455'. TOOH. R/U wireline services. RIH and perforated at 455'. POOH. R/D wireline services. R/U cementing services. Attempted to establish circulation through perforations with water but casing pressured up (1 bbl/min at 320 psi). TIH to 506'. R/U cementing services. Pumped plug #6 from 506' to surface. L/D 16 joints. R/U cementers. Top off 5.5" casing. R/D cementing services. WOC overnight. Secured location.

8/18/24 Arrived on location. Held safety meeting. Checked well pressures (all pressures 0 psi). Completed spiral gas check for H2S and other gas. TIH and tagged surface plug at 3'. R/D all equipment and prepare to MOL.

8/29/24 Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. R/U welder on location. Performed WH cutoff. Cement was at surface in production casing and 60' low on the backside. Ran poly line down backside. R/U cementing services. Filled the backside from 60' to surface. Installed P&A marker per all

NMOCD and BLM regulations. R/D all equipment and prepared to MOL.

Plug Summary:

Plug #1: (Perforations, 4,156'-3,820', 25 Sacks Type I/II Cement)

P/U 5.5" CR. TIH and set CR at 4156'. R/U cementing services. Successfully pressure tested casing to 800 psi for 30 minutes. TOOH. Logged well. TIH to 4156'. R/U cementing services. Pumped plug #1 from 4156' to 3946'. R/D cementing services. L/D 7 joints and TOOH. WOC overnight. TIH and tagged plug #1 at 3820'.

Plug #2: (San Andres Formation Top, 3,544'-3,332', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 3544' to 3332'. R/D cementing services.

Plug #3: (Queen Formation Tops, 3,040'-2,775', 32 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 2988'. POOH. R/D wireline. R/U cementing services. Attempted to establish an injection rate, but casing pressured up (.5 bbl @ 450 psi). TIH to 3040'. R/U cementing services. Pumped plug #3 from 3040' to 2838'. L/D 7 joints. Reverse circulated at 2835' TOOH. WOC overnight. TIH and tagged plug #3 at 2835'. L/D 1 joints and TOOH. R/U cementing services. Successfully pressure tested casing to 800 psi. R/D cementers. R/U wireline services. RIH and perforated at 2830'. POOH. R/D wireline services. Attempted to establish an injection rate but casing pressured up (0.05 bbls/min at 480 psi). TIH to 2835'. R/U cementing services. Continued pumping plug #3 from 2385' to 2773'. R/D cementers. L/D 3 joints and TOOH. WOC 4 hours. TIH and tagged plug #3 and 2775'.

Plug #4: (7 Rivers, Yates, and Base Salt Formation Tops, 2,602'-2,170', 74 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 2552'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate but casing pressured up (0.7 bbl/min at 485 psi). TIH to 2602'. R/U cementing services. Pumped plug #4 from 2602' to 2180'. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2322'. R/U cementing services. Continued

pumping plug #4 from 2322' to 2180'. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2190'. TOOH. R/U wireline services. RIH and perforated at 2180'. POOH. R/D wireline services. R/U cementing services. Attempted to establish an injection rate, but casing pressured up (0.75 bbl/min at 490 psi). TIH to 2190'. R/U cementing services. Continue pumping plug #4 from 2190' to 2122'. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged plug #4 at 2170'.

Plug #5: (Rustler Formation Top, 2,020'-1,753', 57 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1970'. POOH. R/D wireline services. NMOCD rep did not want to disrupt the formation trying to establish an injection rate. TIH to 2020'. R/U cementing services. Established circulation with 17 bbl of fresh water. Pumped plug #5 from 2020' to 1755'. L/D 8 joints. TOOH. WOC overnight. TIH and tagged plug #5 at 1975'. R/U cementing services. Continued pumping plug #5 from 1975' to 1755'. L/D 6 joints and TOOH. WOC 4 hours. TIH and tagged plug #5 at 1753'.

Plug #6: (Surface, 506'-Surface, 95 Sacks Type I/II Cement) (69 sx for top off)

R/U wireline services. RIH and perforated at 455'. POOH. R/D wireline services. R/U cementing services. Attempted to establish circulation through perforations with water but casing pressured up (1 bbl/min at 320 psi). TIH to 506'. R/U cementing services. Pumped plug #6 from 506' to surface. L/D 16 joints. R/U cementers. Top off 5.5" casing. R/D cementing services. WOC overnight. R/U welder on location. Performed WH cutoff. Cement was at surface in production casing and 60' low on the backside. Ran poly line down backside. R/U cementing services. Filled the backside from 60' to surface. Installed P&A marker per all NMOCD and BLM regulations. R/D all equipment and prepared to MOL.

Completed Wellbore Diagram

RIDGEWAY ARIZONA OIL CORP.
KM CHAVEROO SA UNIT #016
API: 30-005-10497
Chaves County, New Mexico

LCPH: YES

Surface Casing

8.625" 24# @ 405 ft
OH: 12.25'

Estimated Formations

Rustler - 1920 feet
Base Salt - 2222 feet
Yates - 2328 feet
7 Rivers - 2502 feet
Queen - 2938 feet
San Andres - 3497 feet

TOC: 3286'

Retainer @ 4156 feet

Production Casing

5.5" 14# @ 4342 feet
OH: 7.875"

Plug 6

506 feet - surface
506 foot plug
95 Sacks of Type I/II Cement

Plug 5

2020 feet - 1753 feet
267 foot plug
57 Sacks of Type I/II Cement

Plug 4

2602 feet - 2170 feet
432 foot plug
74 Sacks of Type I/II Cement

Plug 3

3040 feet - 2775 feet
265 foot plug
32 Sacks of Type I/II Cement

Plug 2

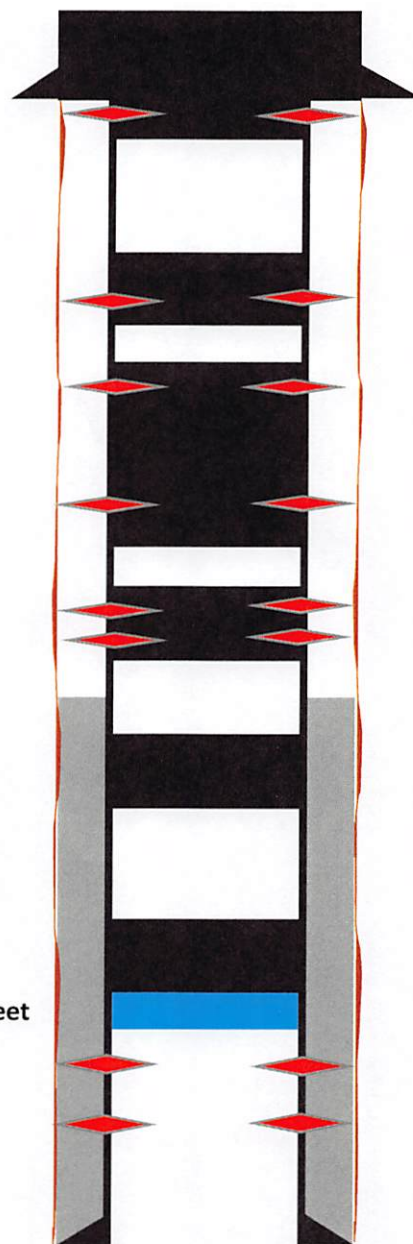
3544 feet - 3332 feet
212 foot plug
25 Sacks of Type I/II Cement

Plug 1

4156 feet - 3820 feet
336 foot plug
25 sacks of Type I/II Cement

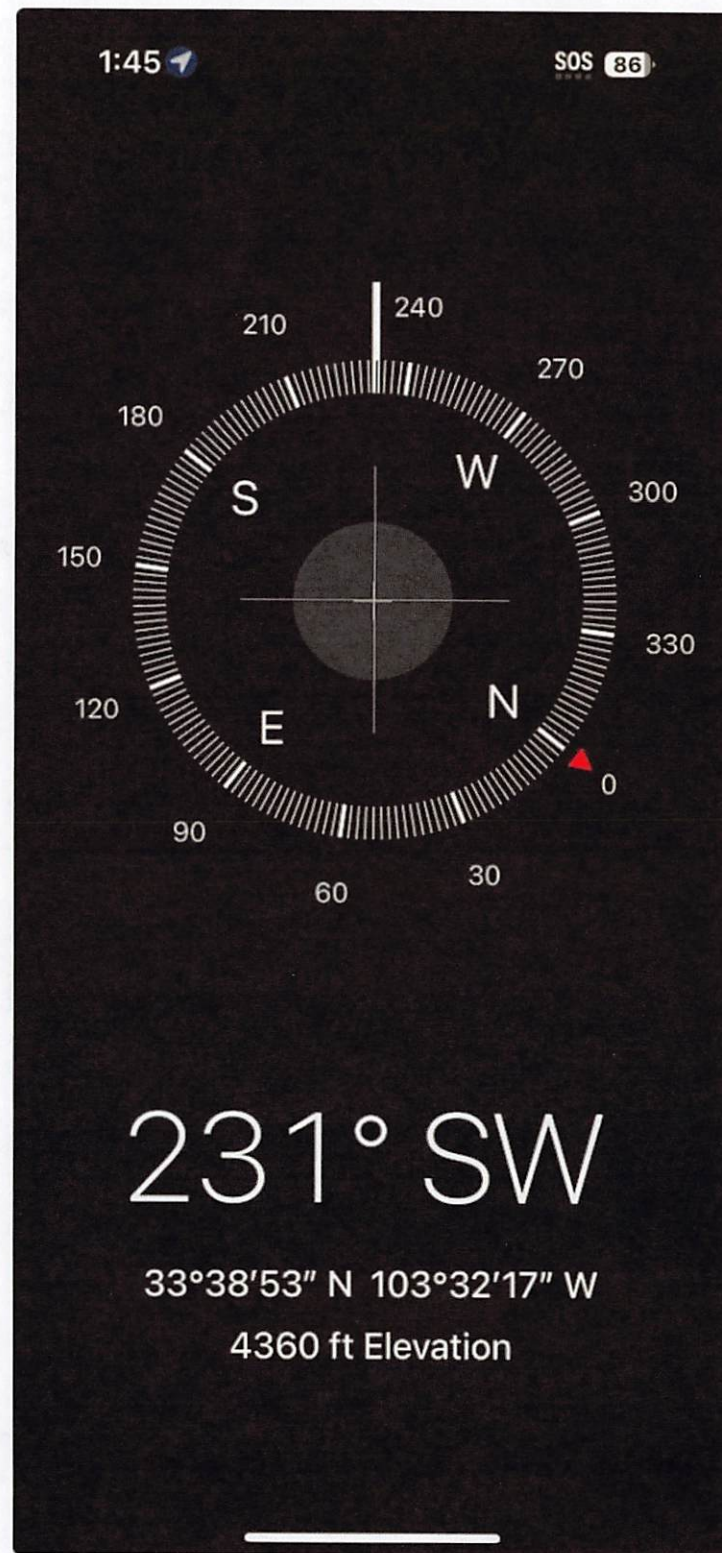
Perforations

4211 feet - 4322 feet









District I
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 387911

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 387911
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	10/1/2024