

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

Form C-103  
 Revised July 18, 2013

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-005-10510
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 I: 1980 feet from the S line and 660 feet from the W line Section 02 Township 08S Range 33E NMPM County Chaves		8. Well Number 018
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

NMOCD plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

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 7/9/24

Type or print name: Ethan Wakefield  
**For State Use Only**

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

PHONE: 405-343-7736

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_

## **RIDGEWAY ARIZONA OIL CORP.**

### **Plug And Abandonment Procedure**

#### **KM CHAVEROO SA UNIT #018**

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

Chaves County, NM / API 30-005-10510

LPCH: Yes

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Perform spiral gas check. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Perform mandatory 40 bbls well kill. If a different fluid or amount is required kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 5-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 4,210'.
6. P/U 5-1/2" CR, TIH and set CR at +/- 4,160'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 4,160' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Loren Diede at [loren.diede@emnrd.nm.gov](mailto:loren.diede@emnrd.nm.gov) and to Gilbert Cordero at [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov) upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore.

**NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing**

**10. Plug 1 (Perforations, 4,160'-3,945', 25 Sacks Type I/II Cement)**

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the perforations.

**11. Plug 2 (San Andres Formation Top, 3,566'-3,351', 25 Sacks Type I/II Cement)**

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres formation top.

**12. Plug 3 (Queen Formation Top, 3,050'-2,837', 25 Sacks Type I/II Cement)**

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the Queens formation top.

**13. Plug 4 (7 Rivers, Yates, and Base Salt Formation Tops, 2,571'-2,132', 51 Sacks Type I/II Cement)**

Mix 51 sx Type I/II cement and spot a balanced plug inside casing to cover the 7 Rivers, Yates, and Base Salt formation tops.

**14. Plug 5 (Rustler Formation Top, 1,965'-1,750', 25 Sacks Type I/II Cement)**

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the Rustler formation top.

**15. Plug 6 (Surface Casing Shoe 455'-Surface, 142 Sacks Type I/II Cement)**

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 142 sx cement and spot a balanced plug from 455' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 455' and the annulus from the squeeze holes to surface. Shut in well and WOC.

**16. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.**

---

## Existing Wellbore Diagram

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

### Surface Casing

8.625" 24# @ 405 ft  
OH: 12.25'

### Estimated Formations

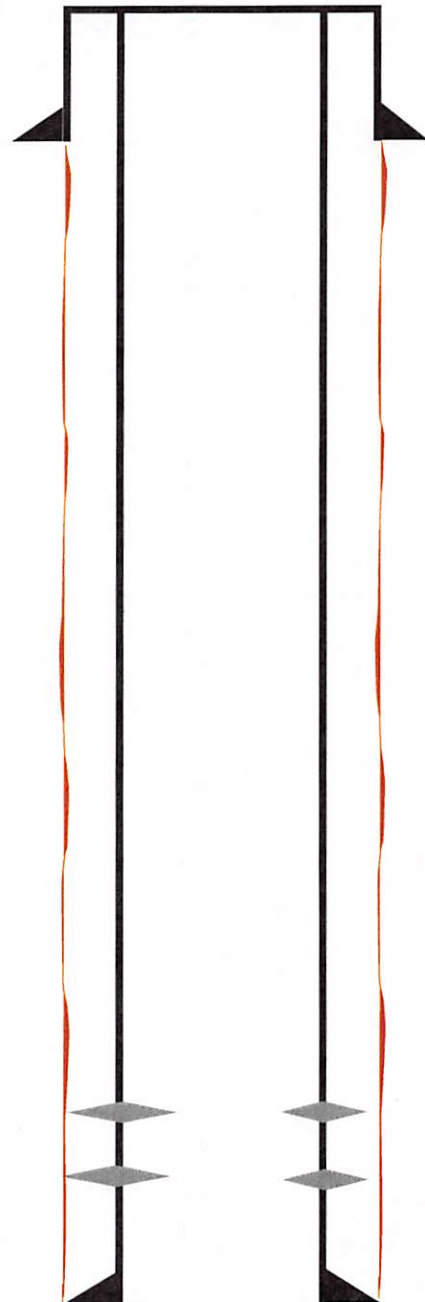
Rustler - 1915 feet  
Base Salt - 2232 feet  
Yates - 2338 feet  
7 Rivers - 2521 feet  
Queen - 3002 feet  
San Andres - 3516 feet

### Perforations

4210 feet - 4329 feet

### Production Casing

5.5" 14# @ 4334 feet  
OH: 7.875"





## Proposed 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'

### Plug 6

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

### Plug 5

1965 feet - 1750 feet  
215 foot plug  
25 Sacks of Type I/II Cement

### Plug 4

2571 feet - 2132 feet  
439 foot plug  
51 Sacks of Type I/II Cement

### Plug 3

3050 feet - 2837 feet  
215 foot plug  
25 Sacks of Type I/II Cement

### Plug 2

3566 feet - 3351 feet  
215 foot plug  
25 Sacks of Type I/II Cement

### Plug 1

4160 feet - 3945 feet  
215 foot plug  
25 sacks of Type I/II Cement

### Perforations

4210 feet - 4329 feet

### Estimated Formations

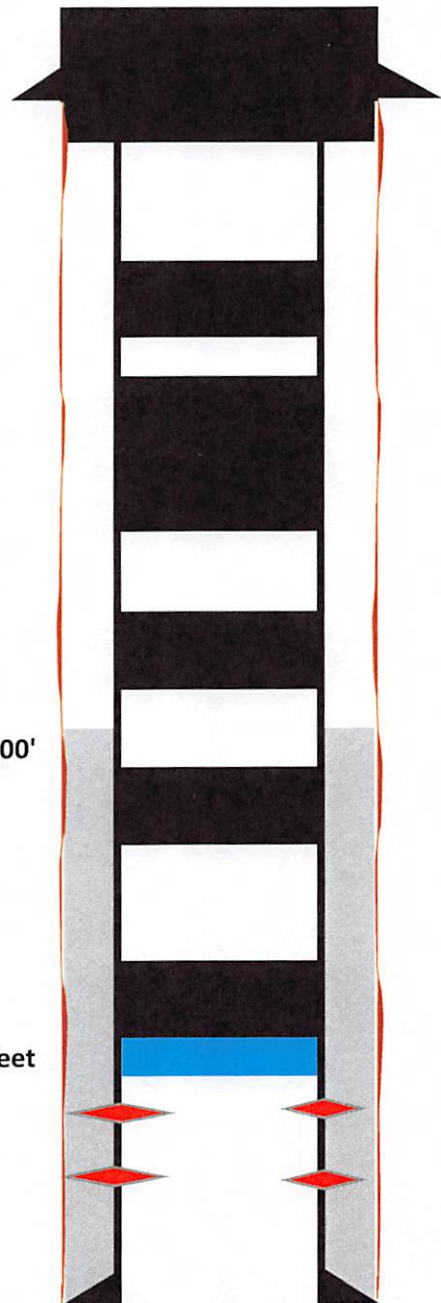
Rustler - 1915 feet  
Base Salt - 2232 feet  
Yates - 2338 feet  
7 Rivers - 2521 feet  
Queen - 3002 feet  
San Andres - 3516 feet

Estimated TOC: 3200'

Retainer @ 4160 feet

### Production Casing

5.5" 14# @ 4334 feet  
OH: 7.875"



**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**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 371009

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 371009
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations.	8/7/2024
loren.diede	Submit CBL to NMOCD via E Permitting.	8/7/2024
loren.diede	This well is within the LPCH restricted area and a below-ground P&A marker is required.	8/7/2024
loren.diede	Attach a photo of the P&A marker and marker GPS coordinates to the C-103P subsequent report.	8/7/2024