

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 OGD**

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

**RECEIVED**

WELL API NO.

30-041-20984

5. Indicate Type of Lease

S

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

Haley Chaveroo SA Unit

8. Well Number

345H

9. OGRID Number

164557

10. Pool name or Wildcat

## 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: O

2. Name of Operator

Ridgeway Arizona Oil Corp

3. Address of Operator

1250 Wood Branch Park Drive, Suite 400, Houston, Tx 77079

4. Well Location

Unit Letter P: 52 feet from the S line and 1131 feet from the E line

Section 34 Township 07S Range 33E NMPM County Roosevelt

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

4375 GR

## 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: ☒ **COMPLETION**

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.

January 21, 2019- Completion crew on location. Logged from 4696' to 200'. TOC @ 2330'. RIH w/dipole Sonic, PNx, Gamma/ccl and Tractor set down @ 4693'. Logged well from 9332' up to 4280'. Logged well from 4280' to 3500'. Miru frac stack equip. Pumped 36 bbls 15% acid and flushed to sleeve.. Total acid 36 bbls and total flush 262.5 bbls. Pumped CBP past setting depth 15". P/U w/l to setting depth of 9328.6' and set plug. Fired 1<sup>st</sup> shot @ 9358' and shot next 2 guns on the fly. 2<sup>nd</sup> shot-9290. 3<sup>rd</sup> shot-9235. Frac stage #1. Total 100 mesh-4000#, total 20/40 white- 121000#, total 20/40 crc-40000#, total prop-165000#. Total slick water 345bbls, total linear gel-238 bbls, total x-link gel-2812 bbls, flushed 233 bbls. Set FTP @ 9194', perfs @ 9155-9158', 9100'-9103', 8990'-8993'. Pumped 60 bbls 15% acid, pumping flush ball hit, BD @ 2170 psi. Flushed 223 bbls over flushed acid 20 bbls. Pumped 100 mesh-4180#, 20/40 white-121,118#, 20/40 CRC-45031#. Slickwater-452 bbls, linear gel-243 bbls, x-link gel-2903 bbls, flush 232 bbls. ISIP-1939psi, FG-0.89 psi/ft. Stage #3 CBP & guns. Set CBP @ 8965'. Fired guns @ 8915', 8861', & 8815'. Set CBP at 8780', guns shot @ 8750', 8665', 8585'. Stage #5. RIH set plug at 8554'. Perf 8503'-8506', 8410'-8413', and 8343'-8346'. (27 holes) Frac stage #5. 100 mesh -3769#, 20/40 white-115694#, 20/40 crc-46567#. Slickwater-187 bbls, linear gel-316 bbls, x-link -2794 bbls, flush-187 bbls. Isip-2637psi, FG-1.052 psi/ft. Avg rate-58.7 bpm, avg press-5133psi. Stage #6. Set plug at 8300'. Perf 8250'-8253', 8175'-8178', 8110'-8113'. Pump down 193 bbls. Frac stage #6. 100 mesh-3714#, 20/40 white-122420#, 20/40 crc-39757#. Slickwater-65 bbls, linear gel-183 bbls, x-link- 2784.9 bbls, flush-183 bbls. Isip-2033psi, FG-.91 psi/ft. Avg rate-47.3 bpm, avg press-4178 psi. RIH w/ stage #7.

Set CBP @ 8050', guns shot @ 8015', 7930', 7840'. Frac stage #6. Open well 1039psi, 100 mesh-3649#, 20/40 white-117520#, 20/40 crc-35452. Slickwater-208 bbls, linear gel-239 bbls. RIH w/ stage #7 CBP and guns. Set CBP @ 7822', guns shot @ 7772', 7675', 7605'. POOH w/ W/L. Frac stage #8. Open well 1300 psi. 100 mesh-5876#, 20/40 white-119728#, 20/40 crc-45339#. Pumped 179 bbls 15% acid. Slickwater-508 bbls, Linear-gel- 437 bbls, x-link-3422 bbls, flush-172 bbls. Avg rate-33.7 bpm, avg press-3277 psi., Isip-1939 psi, FG-0.889 psi/ft. RIH w/ stage #9 CBP and guns. Pumped tools to setting depth @ 15 BPM w/2400 psi. Total of 149.42 bbls pumped to setting depth. Set CBP at 7575', guns shot @ 7525'-7528', 7540'-7543', 7365'-7368'. Frac stage #9. Open well 513psi. 100 mesh-3848#, 20/40 white-118880#, 20/40 crc-37016#. Pumped 119 bbls 15% acid. Slickwater 227 bbls, linear gel-239 bbls, x-link-3416 bbls, flush-165 bbls. Avg rate-45.2 bpm, avg press-4131 psi, Isip-1894 psi, FG-.878 psi/ft. RIH with stage #10 CBP and guns. Pumped tools to setting depth @ 15 bpm w/ 2400 psi. Total of 133 bbls pumped to setting depth. Set CBP @ 7335', guns shot @ 7286'-7289', 7195'-7198', 7105'-7108'. Frac Stage #10. Open well 1080 psi. 100 mesh-3729#, 20/40 white-120,280#, 20/40 crc-46,237#. Slickwater-276 bbls liner gel-244 bbls, x-link-2720 bbls, flush-161 bbls. Isip-2269 psi, FG-0.963 psi/ft. Avg rate-41.2 bpm, avg press-3330 psi, max rate-61 bpm, max press-6288 psi. swi. Frac stage #11. Open well 837 psi. 136 bbls ball seat at 5420 psi. 100 mesh-3850#.

20/40 white-121,650#, 20/40 crc-36,477# 71 bbls 15% acid. Slickwater-276 bbls, liner gel-221 bbls, x-link-2390 bbls, flush-159 bbls. Isip-2175 psi, FG-0.941 psi/ft. Avg rate-43.7 bpm, avg press-5001 psi, max rate-61.4 bpm, max press-6288 psi. Stage #12 plug and perf. Open well 1470 psi. Pump down-83 bbls. Set plug 6895'. Perf 6860'-6863', 6785'-6788', 6690'-6693'. Swi. Frac stage #12 Open well 760 psi. 132 bbls ball seat at 2377 psi. 100 mesh-3855#, 20/40 white-119678#, 20/40 crc-38349# 60 bbls 15% acid. Slickwater-256 bbls, liner gel-239 bbls, x-link-2858 bbls, flush-148 bbls. Isip-2316 psi, FG-.974 psi/ft. Avg rate-46.8 bpm, avg press-3873 psi, max rate-60.9 bpm, max press-3412 psi. Frac Stage 13. 100 mesh-4831#, 20/40 white-123,512#, 20/40 crc-37,028#, Slickwater-157 bbls, liner gel-239 bbls, x-link-3006 bbls, flush-144 bbls. Isip-2421 psi, FG-0.998 psi/ft. 100 mesh: 4000#, 20/40 White: 119600#, 20/40 CRC : 40318#. 15% HCL: 119 bbls. Xlink: 2703bbls, Slick H2O: 158 bbls, Linear Gel: 236 bbls, Flush: 140 bbls. Max rate: 61 bpm, Max Psi: 4971psi, ISIP: 2369psi, FG : .99. RIH w/ STAGE #15. Set plug at 6171', pump down 68 bbls. Perfs 6145'-6148', 6056'-6059', 5955-5958'. 100 mesh: 4080#, 20/40 White: 119,578#, 20/40 CRC: 39,703#. 15% HCL: 119 bbls. Xlink: 2890 bbls, Slick H2O: 149 bbls, Linear Gel: 288 bbls, Flush: 137 bbls. Max rate: 62 bpm, Max Psi: 5399 psi, ISIP: 1871psi, FG: .87 psi/ft. rac on Stage #. RIH w/ STAGE #16. Set plug at 5925', pump down 60 bbls. Perfs 5880'-5883', 5795'-5798', 5730'-5733'. FRAC STAGE #17 HCSAU #345H: Open well 785 psi. Ball on seat @ 5450psi, 100 mesh 3107#, 20/40 white 107401# 20/40 crc 40005#. 15% HCL 108 bbls. Xlink: 2700 bbls, Slickwater 143 bbls, liner gel 238 bbls flush 126 bbls. Max rate-62 BPM, Max Pressure-5533 psi. Isip-1820 psi, FG-.86 psi/ft. RIH STAGE #18. Set plug at 5,523', pump down 53 bbls Perfs: 5470'-5473', 5415'-5418', 5363'-5366'. FRAC STAGE #18, 100 mesh 5376#, 20/40 white 119595# 20/40 crc 39015#. 15% HCL 119 bbls. Xlink: 2689 bbls, Slickwater 133 bbls, liner gel 239 bbls flush 119 bbls. Max rate-61 BPM, Max Pressure-3893 psi. Isip-1705 psi, FG-.83 psi/ft. RIH STAGE #19. Set plug at 5340', pump down 34 bbls Perfs: 5300'-5303', 5230'-5233', 5148'-5151'. Wait on frac to finish on HCSAU #2H. FRAC STAGE #19, 100 mesh 0#, 20/40 white 119,391# 20/40 crc 38,288#. 15% HCL 119 bbls. Xlink: 2689 bbls, Slickwater 133 bbls, liner gel 239 bbls flush 119 bbls. Max rate-61 BPM, Max Pressure-4578 psi. Isip-1740 psi, FG-.84 psi/ft. FRAC STAGE #20. Ball seated 71 bbls @ 3889 psi, 100 mesh 0#, 20/40 white 144,961# 20/40 crc 70,511#. 15% HCL 119 bbls. Xlink : 3089 bbls, Slickwater 122 bbls, liner gel 238 bbls flush 111 bbls. Max rate-62 BPM, Max Pressure-4358 psi. Isip-1803 psi, FG-.85 psi/ft. RD frac crew. Turn over to Ops.

Spud Date:

12/17/2018

Rig Release Date:

2/22/2019

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

SIGNATURE

José Blanchard

TITLE

REGULATORY ANALYST

DATE

4-1-2019

Type or print name

José BLANCHARD

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For State Use Only

APPROVED BY:

Karen Sharp

TITLE

Staff Mgr

DATE

4-10-19

Conditions of Approval (if any):

