

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

HOBBS OGD
RECEIVED
APR 02 2019
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-041-20976
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Haley Chaveroo SA Unit
8. Well Number 305H
9. OGRID Number 164557
10. Pool name or Wildcat (12046) Chaveroo San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4401' GL

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
777 N. Eldridge Pkwy, Houston, Tx 77079

4. Well Location

Unit Letter P: 52 feet from the SOUTH line and 1160 feet from the WEST line

Section 34 Township 7S Range 33E NMPM County ROOSEVELT

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 23, 2019- completion crew on location. Pu Rih w/slim CBL to 3500', logged 300' pass. Pu Rih w/Dipole sonic, PNX, Gamma/ccl and Tractor in hole to 4640', set down. Tractored in hole to 9440'. Logged out of hole from 9440' to 5250' at report time. Pu Rih w/Dipole sonic, PNX, Gamma/ccl and Tractor in hole to 4640', set down. Logged out of hole from 9440' to 5250' at report time. P/U wireline to setting depth of 9,410'. Set plug and waited 2 minutes before P/U to 1st shot depth of 9,397'. Fired 1st shot at 9,397'. P/U wireline at 45'/min and fired next 2 shots on the fly. 2nd shot: 9,323', 3rd shot: 9,238'. RIH w/ stage # 2 CBP and guns. Set CBP at 9,197'. Waited 1 min and PUH to shoot 1st shot. Shot guns at 9,164', 9,090' & 9,034'. RIH w/ stage # 3 CBP and guns. Set CBP at 9,005', guns shot at 8,968', 8,880' & 8,845'. RIH w/ stage # 4 CBP and guns. Set CBP at 8,812', guns shot at 8,770', 8,694', 8,590'. Frac stage #4. 100 mesh-3793#, 20/40 white-120,826#, 20/40 crc-13,763#. Slickwater 193 bbls, liner gel-221 bbls, x-link gel 2681 bbls Flush 192 bbls. Isip-3891 psi, FG 1.34 psi/ft. Plug and Perf stage #5. Set plug at 8560'. Perf 8535'-8538', 8447'-8450' 8367'-8370'. 100 mesh-3772#, 20/40 white-116,114#, 20/40 crc-45,982#. 120 bbls 15 % acid. Slickwater-72 bbls, liner gel-232 bbls, x-link-2820 bbls, flush-189 bbls. Isip-2191 psi, FG-0.942 psi/ft. Plug and perf stage #6. set plug at 8350'. Perf 8322'-8325', 8240'-8243', 8157'-8160'. Frac stage #6. 100 mesh-3811#, 20/40 white-118766#, 20/40 crc-38980#. 119 bbls 15 % acid. Slickwater-284 bbls, liner gel-238 bbls, x-link-2870 bbls, flush-184 bbls. Isip-2018 psi, FG-0.942 psi/ft. Plug and perf stage #7. set plug at 8,125'. Perf 8075'-8078", 8047'-8050', 8013'-8016'. Frac stage # 7. 100 mesh-3842#, 20/40 white-116100#, 20/40 crc-37224#. 120 bbls 15 % acid. Slickwater-193 bbls, liner gel-238 bbls, x-link-2862.7 bbls, flush-180.9 bbls. Isip-2011 psi, FG-0.90 psi/ft. plug & perf stage #8. Set plug at 7980'. Perf 7932'-7935', 7837'-7840', 7779'-7782'. Frac stage #8. 100 mesh-8364#, 20/40 white-121,119#, 20/40 crc-40,000#. (100 bbls 15% acid). Slickwater-192 bbls, Liner gel-240 bbls, x-link-2985 bbls, Flush-172 bbls. Isip-1802 psi, FG-0.917 psi/ft. stage # 9 CBP and guns. Set CBP at 7,765', guns shot at 7738'-7741', 7675'-7678', 7585'-7588'. Frac stage #9. 100 mesh-3808#, 20/40 white-117840#, 20/40 crc-38384#. (119 bbls 15% acid). Slickwater-205 bbls, Liner gel-239 bbls, x-link-2858 bbls, Flush-165 bbls. Isip-1847 psi, FG-.859 psi/ft. Set plug at 7540'. Perf 7510'-7513', 7419'-7422', 7339'-7342'. Frac Stage #. 100 mesh-5196#, 20/40 white-72,133#, 20/40 crc-0#. 119 bbls 15% acid. Slickwater-276 bbls, liner gel-220 bbls, x-link-2391 bbls, flush-166 bbls. Isip-4516 psi, FG-1.47 psi/ft. Plug and Perf Stage #11. Set plug 7312'. Perfs-7248'-7251', 7175'-7178', 7095'-7098'. Started Frac on Stage # 11. 2nd Plug and Perf on Stage # 11. Set plug at 7,163.5'. Perfs: 7,095'-7,098', 7,040'-7,043', 7,000'-7,003'. Frac Stage #11. 100 mesh-3817#, 20/40 white-86719#, 20/40 crc-21580#. 250 bbls 15% acid. Slickwater-227 bbls, liner gel-777 bbls, x-link-3087 bbls, flush-148 bbls. Plug and Perf Stage #12. Set plug 6975". Perfs-6925'-6928', 6850'-6853', 6795'-6798'. RIH w/ STAGE #13. Set plug at 6780'. Perfs 6756'-6759', 6674'-6677', 6606'-6609'. FRAC ON STAGE # 13. 100 mesh: 3945#, 20/40 White: 121248#, 20/40 CRC: 39794#. 15% HCL: 119 bbls. Xlink: 2666bbls, Slick H2O: 164 bbls, Linear Gel: 247 bbls, Flush: 151 bbls. Max rate: 63 bpm, Max Psi: 5241psi, ISIP: 3078psi, FG: 1.15 psi/ft. RIH w/ STAGE #14. Set plug at 6580'.

Perfs 6530'-6533', 6450'-6453', 6385'-6388'. FRAC STAGE #14 .100 mesh 4998#, 20/40 white 115,617# 20/40 crc 3815#. 15% HCL 119 bbls. Xlink 3020 bbls, Slickwater 165 bbls, liner gel 261 bbls flush 146 bbls. Max rate-62 BPM, Max Pressure-5877 psi. Isip-4160 psi, FG-1.39 psi/ft. RIH w/ STAGE #15. Set plug @ 6370'. Perfs 6330'-6333', 6265'-6268', 6195'-6198'. FRAC STAGE #15. 100 mesh 3594#, 20/40 white 122854# 20/40 crc 41754#. 15% HCL 119 bbls. Xlink 2800 bbls, Slickwater 167 bbls, liner gel 238 bbls flush: 140 bbls. Max rate: 60 BPM, Max Pressure: 4896psi. Isip: 3179psi, FG: 1.175psi/ft. RIH w/ STAGE #16. Set plug @ 6160'. Perfs 6122'-6125', 6030'-6033', 5955'-5958'. FRAC STAGE #16. 100 mesh 4026#, 20/40 white 124615# 20/40 crc 43206#. 15% HCL 119 bbls. Xlink 2857 bbls, Slickwater 153 bbls, liner gel 238 bbls flush: 142 bbls. Max rate: 60 BPM, Max Pressure: 6363psi. Isip: 3305psi, FG: 1.204psi/ft. RIH w/ STAGE #17. Set plug @ 5925'. Perfs 5865'-5868', 5790'-5793', 5700'-5703'. FRAC STAGE #17. 100 mesh 4000#, 20/40 white 123975# 20/40 crc 40665#. 15% HCL 119 bbls. Xlink 2803 bbls, Slickwater 152 bbls, liner gel 239 bbls flush: 132 bbls. Max rate: 60 BPM, Max Pressure: 6296psi. Isip: 1901psi, FG: .88psi/ft. RIH w/ STAGE #18. Set plug @ 5647'. Perfs 5625'-5628', 5560'-5563', 5505'-5508".

FEB 22, 2019

Spud Date:

12/1/2018

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

Josh Blanchard

TITLE

REGULATORY ANALYST

DATE

4-1-2019

Type or print name

JOSH BLANCHARD

E-mail address:

jblanchard@OXY-ENERGY.com

PHONE:

337-522-0780

For State Use Only

APPROVED BY:

Aaren Akers

TITLE

Staff Mgr

DATE

4-10-19

Conditions of Approval (if any):

RIDGEWAY ARIZONA OIL CORP.

Haley Chaveroo San Andres Unit 305H

☐ Proposed

☒ Actual

16" Conductor Casing @ 900'

TOC @ 2,476'

9-5/8", 40#, J-55, STC @ 2,031'

KOP @ 3,469'
222' x 7" Tangent
4,152' - 4,384'

Stage 18	Stage 16	Stage 14	Stage 12	Stage 10	Stage 8	Stage 6	Stage 4	Stage 2
5,625.0-5,628.0	6,122.0-6,125.0	6,530.0-6,533.0	6,925.0-6,928.0	7,510.0-7,513.0	7,947.0-7,950.0	8,320.0-8,323.0	8,770.0-8,773.0	9,164.0-9,167.0
5,560.0-5,563.0	6,030.0-6,033.0	6,450.0-6,453.0	6,850.0-6,853.0	7,415.0-7,418.0	7,837.0-7,840.0	8,240.0-8,243.0	8,694.0-8,697.0	9,092.0-9,095.0
5,505.0-5,508.0	5,955.0-5,958.0	6,385.0-6,388.0	6,795.0-6,798.0	7,335.0-7,338.0	7,779.0-7,782.0	8,155.0-8,158.0	8,590.0-8,593.0	9,034.0-9,037.0
Stage 17	Stage 15	Stage 13	Stage 11	Stage 9	Stage 7	Stage 5	Stage 3	Stage 1
5,865.0-5,868.0	6,330.0-6,333.0	6,760.0-6,763.0	7,095.0-7,098.0	7,740.0-7,743.0	8,075.0-8,078.0	8,535.0-8,538.0	8,970.0-8,973.0	9,397.0-9,400.0
5,790.0-5,793.0	6,265.0-6,268.0	6,675.0-6,678.0	7,040.0-7,043.0	7,675.0-7,678.0	8,047.0-8,050.0	8,447.0-8,450.0	8,880.0-8,883.0	9,313.0-9,316.0
5,700.0-5,703.0	6,195.0-6,198.0	6,605.0-6,608.0	7,000.0-7,003.0	7,585.0-7,588.0	8,013.0-8,016.0	8,367.0-8,370.0	8,845.0-8,848.0	9,238.0-9,241.0

Well Info Roosevelt County, NM Chaveroo Field GL = 4375' AFE #: 031804 KB = 18'		Location Section: 33, Township: 8S, Range: 33E Latitude: 33° 39' 25.549" N Longitude: 103° 32' 54.462" W 330' FSL & 1,100' FEL	
Wellbore Details Conductor Casing 16" Conductor Casing @ 900' Surface Casing 9-5/8", 40#, J-55, STC @ 2,031' Production Casing: 5-1/2", 20#, L-80, LTC X 7", 32#, L-80, LTC X 5-1/2", 20#, L-80 Production Tubing: 2-7/8", 6.5#, J-55 IPC Tubing w/Bottom 1,000' IPC & Ryt Wrapped		Drilling Details Open Hole Diam: 8-3/4" Max DLS: 9.5 degrees Float Shoe MD: 9,533.0' Float Collar MD: 9,491.0' Landing Collar MD: 9,449.0' Toe Sleeve MD: 9,533.0' Toe Marline MD: 9,418.6' Heel Marline MD: #N/A First Take Point: 5,505' (MD) Last Take Point: 9,400' (MD)	
Completion Notes Total Clean (bbls) 62,912.3 Water/Stg (bbls): 3495.1 Total # Prop: 2,735,226 Total Stages: 18 Pump Rate: 60 bpm Toe Sleeve Shear: 4,700 psi (4,962 psi high / 4,438 psi low)		Production Notes Production Tubing: 2-7/8" 6.5# L80 EUE Tbg @ 4,223.36 Artificial Lift: ESP @ 4,343.86	
		Capillary String 3/8" terminating at ESP Intake Wellhead Info Prod. Tree Two 2-9/16" & One 2-1/16" SM valves. EE Trim. Tbg Head 11" SM x 7-1/16" 10M w/ two 1-13/16" 10M STD Outlets, 1-13/16" VRP	

KOP @ 3,469' 5-1/2 x 7 XO - Top @ 4,155' Start of Lateral = 5,450' MD 5-1/2" 20# L-80 to 9,628' MD Deepest TVD = 4,344' Toe Hardline Depth @ 9,425.92' PBTD @ 9,409.6'
 BACK-BUILD PRESENT 7 x 5-1/2 XO - Top @ 4,384' 7" 32# L-80 to 4,384' MD Lateral Length = 3,960' Toe Sleeve @: 9,538.4' MD/TVD: 9,628'/4,344'

HOBBS OCD
 MAR 29 2019
 RECEIVED