

Submit 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

Amended Form C-103
Revised July 18, 2013

WELL API NO.
30-015-28487

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG-5665

7. Lease Name or Unit Agreement Name
CEDRO APG STATE COM

8. Well Number 001

9. OGRID Number 119305

10. Pool name or Wildcat
SWD; WOLFCAMP, CISCO

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 SWD

2. Name of Operator
RAY WESTALL OPERATING, INC.

3. Address of Operator
P.O. BOX 4, LOCO HILLS, NM 88255

4. Well Location

Unit Letter C : 660' feet from the NORTH line and 2230' feet from the WEST line.

Section 36 Township 17S Range 30E NMPM County EDDY

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: ☒ CONVERT TO SWD

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 wellb

SEE ATTACHED PROCEDURE

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 *Dene Hope* TITLE *Basinkeeper* DATE *10/6/15*

Type or print name *Dene Hope* E-mail address: _____ PHONE: *575-677-2370*

For State Use Only

APPROVED BY: *RDaele* TITLE *DIST H Supervisor* DATE *1/19/2016*

Conditions of Approval (if any):

CEDRO APG STATE COM SWD # 1

- 4/13/15 — 1. MOVE IN RIG UP WELL SERVICE UNIT
- 4/13/15 — 2. UNSET PACKER, COME OUT OF HOLE WITH TBG AND PKR.
- 4-14-15-3. SET CIBP @ 9600', CAP WITH 35' CEMENT. NEW PBTD 9565'.
- 4/15/15 — 4. RUN RADIAL CBL, SHOWED T.O.C @ 1160'. COPIES SENT TO ARTESIA AND SANTA FE OCD 04/15/15.
- 4/16/15 — 5. PERFORATE 8967' - 9040'. WELL FLOWED BACK SALT WATER. FLOWED 500 BBLS TO FRAC TANK, NO OIL OR GAS. TOOK WATER SAMPLE TO BE ANALYZED.
- 4/16/15-6. R.I.H. WITH NICKEL PLATED PKR AND IPC 2 7/8" TBG. SET PKR @ 8876'.
- 5/8/15 — 7. NOTIFY OCD TO PERFORM MIT. TESTED O.K. RICHARD INGE OF OCD ARTESIA WITNESSED TEST AND HAS CHART.
- 5/9/15 — 8. BUILDING TANK FACILITY. *waiting on Electricity.*
- 9. WILL NOTIFY OCD OF FIRST DISPOSAL. INJECTION PRESSURE TO BE LIMITED TO 1652 PSI.
- 10. WATER SAMPLE ATTACHED.



WELL SCHEMATIC

Cedro APG State Com. SWD #1

Spud Date:
Re-Entry Date:

Annulus Monitored
or open to atmosphere

Injection Pressure Regulated
and Volumes Reported

20" - 40' cement to surf

Surface Casing

13 7/8" - 542'

1175 SX - Circulate

Intermediate Casing

8 5/8" - 322'

4489'

1900 SX - Circulate

Production Casing

5 1/2" - 17#

11,755'

1125 SX

T.O.C. @ 1160' By CBL

PKR set @ 8976'

2 7/8" I.P.C. Tbg.

Perfs: 8967' - 9040'

129 Hds

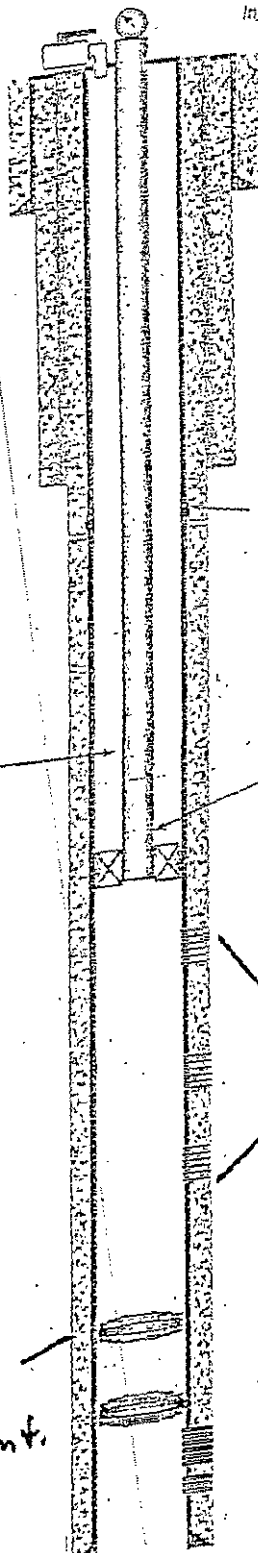
P.B.T.D - 9565'

Production Casing

C.I.B.A set
9600' - 35' cmt.

RAY WESTALL OPERATING, INC.

Annulus Loaded
w/ Inert Packer Fluid



DTD @

Elite
Well Services LLC

Water Analysis

2702 N Freeman Artesia, NM 88210
(575) 736-4411 FAX: (575) 736-4958

Date: 14-May-15
Company: Ray Westall Operating, LLC
Wellsite: Cedro APG 1 SWD
State:

Tank #:
Test #:
Formation
Source

pH	6.99
Specific Gravity	1.025

Temperature(F):	65.4
H ₂ S	None Detected

Cations

	mg/L	me/L	ppm
Sodium	7709.24	335.33	7521.21
Calcium	1684.20	84.04	1643.12
Magnesium	243.00	19.99	237.07
Barium	< 25	---	---
Potassium	< 10	---	---
Iron	0.00	0.00	0.00

Anions

	mg/L	me/L	ppm
Chloride	14070.00	398.90	13726.83
Sulfate	1951.22	40.63	1903.63
Carbonate	< 1	---	---
Bicarbonate	192.76	3.16	188.06

	mg/L	me/L	ppm
Total Solids Dissolved	25850.42		25219.92
Total Hardness as CaCO ₃	5206.37	104.03	5079.38

Comments

NO HYDROCARBON CONTENT DETECTED

Scale Analysis

CaCO ₃ Factor	324646.39	Calcium Carbonate Scale Probability	Remote
CaSO ₄ Factor	3368400	Calcium Sulfate Scale Probability	Remote