

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

WELL API NO.	30-015-21711
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	DHY A State SWD
Well Number	1
9. OGRID Number	119305
10. Pool name or Wildcat	SWD; Cisco-Canyon (96186)
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3449' GR

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 J : 1980 feet from the South line and 1650 feet from the East line
Section 15 Township 19-S Range 28-E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3449' GR

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 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"/>	Recomplete and Configure for SWD <input checked="" 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.

Conduct Safety Meeting Prior to Start of All Operations SWD per OCD Permit SWD-1556

Reentry per C-101 APD approved 7/22/2015

- 1) MIRU WSU, reverse unit and associated equipment. Install B.O.P. RIH with bit and collars to drill out plugs.
- 2) D/O & C/O plugs to apprx. 10,000'. Spot 50 sx Cmt @ 10,007' to 9857' PBTD. ✓
- 3) Run new 5.5" casing - set @ 9505' and cement w/ 1850 sx. 2 Stg w/ DV apprx. 5500'. ✓
- 4) Acidize w/ ~2500 gals HCl per 1000'. Swab and/or circulate hole clean. ✓
- 5) RIH with nickel plated 5.5" or equiv. VFE retrievable packer or equivalent on 2.875" or 3.5" IPC or equiv. tubing w/ PKR @ 9410'+, pump clean fresh water containing corrosion inhibitor, biocide and oxygen scavenger down annulus, set packer.
- 6) Prepare to run MIT test and notify OCD to witness 24 hours in advance.
- 7) Build injection facility if required and start water disposal. Per SWD-1556; limit injection pressure to 1900 psi. ✓
- 8) Conduct injection survey within one year of commencing injection.

[Workover]
Spud Date:

9/06/2016 (Depending on Rig)

Rig Release Date:

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

SIGNATURE Ben Stone TITLE Agent for Ray Westall Operating, Inc. DATE 9/02/2016

Type or print name Ben Stone E-mail address: ben@sosconsulting.us PHONE: 903-488-9850

For State Use Only

APPROVED BY: Richard NGE TITLE Compliance Officer DATE 9/6/16
Conditions of Approval (if any):

Drawn by: Ben Stone, 4/10/2015



WELL SCHEMATIC - PROPOSED

DHY 'A' State Well No.1 SWD

(Sundry for Name Change Filed w/ Artesia OCD District Office)

API 30-015-21711

1980' FSL & 1650' FEL, SEC. 15-T19S-R28E
EDDY COUNTY, NEW MEXICO

P&A Date: 3/17/1976

Re-Entry Date: ~6/01/2015

Annulus Monitored
or open to atmosphere

Injection Pressure Regulated
and Volumes Reported
1901 psi Max

420'

Surface Casing

12.75", 40.0# Csg. (17.5" Hole) @ 420'
400 sx Circulated to Surface



Convert to SWD: D/O & C/O Existing Plugs to 10000'.

PBTD: Spot 50 sx Cmt 10007'-9857' for BH integrity.

Run & Set New 7.0" - Set @ 9505'

Cement 2 stages w/ ~800 sx - Circulate to Surface.

Run PC Tubing and PKR - Conduct MIT.

Commence Disposal Operations.

2800'

SA: 2460'

Intermediate Casing

8.625", 24.0 & 32.0# Csg. (11.0" Hole) @ 2800'
1500 sx + 100 sx 3/4" job - Circ. to Surf.

Annulus Loaded
w/ Inert Packer Fluid

VALFDP: 8900'

4.5" IC Tubing
PKR ~9410'

9505'

CSCD: 9505'

CWYN: 9720'

Openhole Interval: 9505' to 9857'

Spot 50 sx Cmt
10007'-9857'

PBTD @ 9857'

STRWN: 8800'

ATKA: 10280'

MRRW: 10710'

DTD @ 11510'

NEW Production Casing

7.0", 20.0/23.0/26.0# Csg - Surface to 9505'
Est. ~800 sx w/ excess - Circulate to Surface
2 Stage Cmt w/ DV ~5000'



Drawn by: Ben Stone, 4/14/2015