

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.	30-015-21971
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 B State SWD	
8. Well Number	1
9. OGRID Number	119305
10. Pool name or Wildcat SWD; Cisco-Canyon (96186)	

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 L : 1980 feet from the South line and 990 feet from the West line
 Section 11 Township 19-S Range 28-E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3477' 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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.

Conduct Safety Meeting Prior to Start of All Operations SWD per OCD Permit SWD-1582

Casing Modification

During reentry, it was discovered that the existing 5.5-inch casing was excessively corroded or otherwise damaged across extensive intervals. RWO would like to line the wellbore from surface to TD.

Install 4.5-inch 11.6# FJ liner (P-110) from surface to TD; ~10,030' +/- w/ DV tool set ~6500'. Cement to surface in 2 stages: 1st Stage; 94 sx class 'H' cement w/ 25% excess. Stage 2; 219 sx class 'C' w/ 50% excess.

Note: Per division order SWD-1582, existing perfs from 8870' to 8942' will effectively be squeezed by 1st stage cement job.

Set CIBP ~10,030' and cap w/ 35' cement. Shoot injection perfs as specified between 9600' and 9950'. RIH w/ 2.375" IPC tubing and set packer ~9500'+. Conduct OCD witnessed MIT and commence injection.

[Workover]
 Spud Date:

3/15/2022 - Rig is on Location

Rig Release Date:

~4/05/2022

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

SIGNATURE  TITLE Agent for Ray Westall Operating, Inc. DATE 3/15/2022

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

For State Use Only

APPROVED BY: Dylan Rose-Coss TITLE Petroleum Specialist DATE 03/15/2022

Conditions of Approval (if any):

Ray Westall Operatin, Inc.

DHY B State #1 SWD, 30-015-21971

Casing Modification

During reentry, it was discovered that the existing 5.5-inch casing was excessively corroded or otherwise damaged across extensive intervals. RWO would like to line the wellbore from surface to TD.

Install 4.5-inch 11.6# FJ P-110 liner from surface to TD; ~10,030' +/- w/ DV tool set ~6500'. Cement to surface in 2 stages: 1st Stage; 94 sx class 'H' cement w/ 25% excess. Stage 2; 219 sx class 'C' w/ 50% excess.

Note: Per division order SWD-1582, existing perms from 8870' to 8942' will effectively be squeezed by 1st stage cement job.

Set CIBP ~10,030' and cap w/ 35' cement. Shoot injection perms as specified between 9600' and 9950'. RIH w/ 2.375" IPC tubing and set packer ~9500'+. Conduct OCD witnessed MIT and commence injection.

SEE INCLUDED PROPOSED WELLBORE DIAGRAM...



WELL SCHEMATIC - PROPOSED

DHY State 'B' Well No.1 SWD

API 30-015-21971

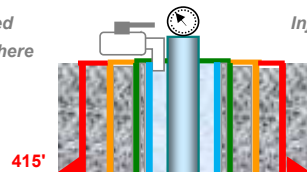
1980' FSL & 990' FWL, SEC. 11-T19S-R28E
EDDY COUNTY, NEW MEXICO

P&A Date: 3/22/2007

SWD Config Date: ~3/30/2022

Annulus Monitored
or open to atmosphereInjection Pressure Regulated
and Volumes Reported
1920 psi**RAY WESTALL OPERATING, INC.**

Convert to SWD: Well has been D/O & C/O of Existing Plugs to 10030'. Run 4.5" liner from surface to TD. Existing Perfs will be SQZ during cement job. Set CIBP @ 10030' w/ 30' Cement Cap. Perforate Selected Interval Between 9600'-9950'. Acidize w/ Max. 5000 gals. 15% HCl - Flowback/Swab. Run Internally Coated Tubing w/ PKR set ~9505'. Perform OCD Witnessed MIT

**Surface Casing**

13.375" 48.0# Csg. (17.5" Hole) @ 415'
400 sx - Circulated to Surface

1987 Casing Repair
Casing Parted 1660'
B/O Csg @ 1975'
Run New 5.5" & Circ w/ Cmt.
Shoot Sqz Perfs @ 3105'
sqz w/ 500 sx + 100 sx
Run 1" job w/ 100 sx

SA: 2500'

Intermediate Casing

8.625" 24.0/28.0# Csg. (11.0" Hole) @ 2800'
1121 sx - TOC @ 541' by Temp

2800'

Annulus Loaded
w/ Inert Packer Fluid

TOC 8100'

BSPRG: 4303'

WLFCP: 8815'

Existing Perfs: 8870'-8942' will effectively be squeezed during 4.5" cement job.

PENN: 8988'

2.375" IC Tubing
PKR ~9500'

CSCO: 9630'

CNYN: 9775'

Perf Interval: 9600' to 9950'

Set CIBP @ ~10030'
Cap w/ 30' Cmt.

Existing CIBP @ 10400'
w/ 20' Cmt. Cap

Formation Fluids

PBTB @ 10000'

STWN: 10020'

ATKA: 10295'

Perfs: 10458'-66'

MRRW: 10740'

11349'

DTD @ 11350'

Production LINER

4.5" 11.6# FJ P-110 Csg (5.0" Hole) @ ~10,030'
2 Stg (DV @ ~6500'); 1st Stg 94 sx Cls H (25% ex.);
2nd 219 sx Cls C (50% ex.) - Circulate to Surface

Production Casing

5.5" 17.0/20.0# Csg (7.875" Hole) @ 11349'-
700 sx Cls H - TOC @ 8100' by Temp



Drawn by: Ben Stone, Rvs'd 3/15/2022

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CONDITIONS

Action 90433

CONDITIONS

Operator: RAY WESTALL OPERATING, INC. P.O. Box 4 Loco Hills, NM 88255	OGRID: 119305
	Action Number: 90433
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
drose	None	3/15/2022