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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-28653

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Sunco Disposal

1. Type of Well: Oil Well ☐ Gas Well ☐ Other SWD Class I

8. Well Number 1

2. Name of Operator
Agua Moss, LLC

9. OGRID Number 247130

3. Address of Operator
PO Box 600 Farmington, NM 87499

10. Pool name or Wildcat SWD-MV

4. Well Location
Unit Letter E : 1595 feet from the North line and 1005 feet from the West line
Section 2 Township 29N Range 12W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5859'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: FOT			☒

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.

Agua Moss, LLC proposes to perform the following reservoir pressure evaluation test in place of the FOT. Please see the 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 Philana Thompson TITLE Regulatory Compliance Spec DATE 9/13/19

Type or print name Philana Thompson E-mail address: pthompson@merrion.bz PHONE: 505-486-1171

For State Use Only

APPROVED BY: Carl J. Chavez TITLE Environmental Engineer DATE 9/13/19

Conditions of Approval (if any):
1) Contact DO3 to schedule date & time of MIT w/ orig. chart, calibration sht. Sent to OCD-SF
2) If tag fill above perf. interval, clean fill out of well prior to running FOT Plan.

Well Information			
Well:	**Sunco Disposal 1**	**Field:**	Mesaverde SWD
Location:	1595' fnl &1005' fwl S2, T29N, R12W San Juan Co. New Mexico	**Elevations:**	5859' GL 5872' RKB
		Depths:	4706' KB PBTD 4760' KB TD
		Engineer:	J. Ryan Davis (505.324.5335)
API:	30-045-28653	**Date:**	September 12, 2019
Surface Casing:	8- 5/8" @ 209' KB w/ 150sx; Circ to surface	**Production Casing:**	5-1/2" @ 4750' KB w/ 230 sx stage 1, 515 sx stage 2, circ 25 sx to surf, DV tool @ 2244' KB
Tubulars:	2- 7/8" 6.5# EUE (Epoxy Coated) @ 4282' KB	**Packer:**	Arrow XL-W retrievable seal bore @ 4282' KB.
Perforations (MV)	4350-4460' KB 2 spf (2000 gals 15% HCL, Frac w/ 100,000# 20/40)		
Additional Perforations			
Perforations (MV)	None		

Version 3: Static Reservoir Pressure Version Procedure subject to change based on changing well conditions.

Proposed Test Schedule:

Date	Event	Remarks
Monday, September 23rd , 2019	Check conditions, check pressures and perform MIT	TD, Fill, Restrictions, check tubing pressure 9 am
Friday, September 27th , 2019	5 days of tbg pressure monitoring	Conclude test at 5pm

Test Considerations:

V.1 The pressure acquisition will be performed with pressure gauges at the surface. Pressure readings will be taken and recorded twice per day.

V.2 There will be adequate storage capacity for waste water for the duration of the test.

V.3 There is one offset well completed in the Point Lookout disposal formation. The McGrath #4 is a class II disposal operated by ConocoPhillips approx 1.25 miles to the north west of the Sunco #1. The well has been P&A'd, so there will not be any injection activity from offset wells during the test.

V.4 Crown valve is currently in-place on the Sunco #1 wellhead. The slickline work will be performed through a lubricator prior to the test.

V.5 A shut-in valve is located on the injection riser approx 3-feet from the wellhead. This valve can be shut to isolated the tubing at the wellhead.

V.6 Bottomhole pressure will not be collected directly but calculated from the surface pressure collected using the appropriate gradient. The use of surface pressure for the test is justified by the fact that the well will maintain a positive pressure at the surface during the entire test (injection and pressure falloff).

V.7 A test log will be kept during the test and submitted with the FOT results. The log will include key events with date and times.

- Gauge ring run
- Tag depth
- Well isolation

- Pressure recordings

V.8 In addition surface pressures will be recorded continuously using a chart recorder during the test.
V.9 A Crystal XP2i Series Digital Test gauge will be utilized for the data collection. The gauge has a 0-3000 psi pressure range with 0.1% reading accuracy.

Reservoir Pressure Evaluation Test Procedure:

Prepare Well for Test

1. Perform MIT
2. Setup pressure recording chart and digital gauge
3. MIRU wireline
4. RIH w/ Gauge ring to SN
5. POOH w/ Gauge ring and PU impression block (or something to run thru SN)
6. RIH tag and record fill depth ***Note: (2018-9-12 Amendment- Tagged fill with wireline at 4387'. Contacted NMOCD Jim G. who then directed us to Will Jones. Will gave permission to conduct the FOT with the additional fill covering perfs. FOT will be executed once C103 is approved.)***

Conduct Pressure Monitoring

1. Ensure surface gauges are configured properly
2. Shut down injection pumps and isolate the well at the wellhead
3. Record surface tubing pressure data over a 5 day period, Pressure reading will be taken twice a day AM and PM
    a. Bottomhole pressures will be calculated and compiled for the test for review
    b. The bottomholw pressures will be compared to historic reservoir pressures extrapolated from FOT data
4. Put well back into service for normal operation