

Submit a Copy To Appropriate District

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
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 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. 30-045-28653
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Sunco Disposal
8. Well Number 1
9. OGRID Number 247130
10. Pool name or Wildcat SWD MV
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5859' 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 SWD Class I

2. Name of Operator

Agua Moss, LLC

3. Address of Operator

PO Box 600 Farmington, NM 87499

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

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: Investigate MIT Failure ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☒

OTHER: ☐

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 was able to repair the casing as outlined in the attached work history. A successful MIT was completed.

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 Specialist DATE 10/21/2024

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

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

**July 23, 2024 - Acid Job**

Work Detail: MIRU Drake Pump truck. Shut in tbg pressure 1900 psi (45 min SI). Pumped 200 gals of toluene (Solvent) and 1000 gals of 15% HCL. Seen a 20 psi pressure drop when acid hit the perms. Displaced acid with 25 bbls of water. Let the acid set for 3-1/2 hrs. Pumped acid away and resumed injection operations.

**Prior:**

Small pump **2000 psi**, rate **1475 bpd**  
Large pump **2250 psi**, rate **3149 bpd**  
Both pumps hit **2450 psi** immediately

**After:**

Small pump **1950 psi**, rate **1513 bpd**  
Large pump **2100 psi**, rate **3269 bpd**  
Both pumps **2250 psi** rate **4785 bpd**

**August 19, 2024 Workover**

Work Detail: MIRU Expert Downhole. RIH w/ 1.75" impression block, hit and fell through bridge at 4370' WLM, tagged fill @ 4435' WLM. MIT inconclusive, didn't stabilize. (Shacie Murray)  
(Note: last year tag @ 4522', 2022 tag @ 4387' WLM, request bailer on truck next year).

**August 23, 2024**

Work Detail: Tbg 1700, Csg 90 psig. MIRU Cross Country Rig #8. MIRU Expert Wireline, run 1.81" gauge ring to 4289' KB. Attempt to set 1.78" plug in F nipple at 4289' KB. Pump 110 gallons of 20% HCL acid, made 3 more attempts to stop flow (plug set every time, flowed every time). (Jeff Davis)

**August 26, 2024**

Work Detail: Tbg 1600, Csg 0 psig. MIRU Wireline Group. Run base line temp and acoustic logs. RU pressure washer pump ~3 bbls of fresh water @ 2 gals/min to maintain 1100 psi on casing while running acoustic. SD pump and run temperature log. RD wireline, RU Expert Downhole to set a 1.78" plug in F nipple, set but well flowing. Run 1.87" plug in below on/off tool. Worked the plug but eventually set and held. Blow down tbg, pressure test tbg to 1000 psi, held good. SI well and SDON. (Jeff Davis)

**August 27, 2024**

Work Detail: TBG 0, Csg 50 psi. Test tbg to 2000# and held good. NDWH NUBOP, release on/off tool @ 4278' KB. TOO H w/ tbg. PU and TIH w/ 5.5" packer to 2193' KB. Set packer pressure test from 2193' to packer at 4282' KB to 500#, held good for 30 minutes, pressured to 1000#, held good. Secure Well, SDFD. (Jeff Davis)

#### **August 28, 2024**

Work Detail: Tbg 950, Csg 0 psi. Isolate hole in casing between 2129' KB and 2161' KB. Good pressure test above and below. Wireline says hole at 2137' KB. TOO H, PU and TIH w/ RBP, set RBP at 2233' KB, TOO H w/ tbg. SD awaiting approval from OCD. (Jeff Davis)

#### **August 30, 2024**

Work Detail: TIH to 2157' KB open ended. RU Drake Cement, mix and pump 15 sacks of 12 ppg, 1.33 cf/sx, 3.6 bbls slurry, balanced plug (displaced 11.5 bbls). TOO H top off w/ 4.7 bbls (metal displacement). Caught pressure w/ 1 bbl. Held 950 psi ok, bumped to 1100 psi and pressure broke over. About 1.5 bbls gone and holding 350 psi. RD cement, SI well, WOC over weekend.

#### **September 2, 2024**

Work Detail: Casing 0 psi. PU bit TIH and tag TOC @ 2075' KB. Pressure test csg to 1050 psi for 20 minutes, dropped to 1025 psi (could be air), bled down to 500 psi, held for 30 mins no drop. Drilled cement to 2147' KB, TOO H, lay down bit. PU and TIH w/ packer, test at 2068' KB 500 psi below packer held, 1000 psi annulus (2068' - surface) bled off 300 psi/min, established 0.41 bbls/min @ 900 psi. Isolated hole to 834' - 865' KB. SD, awaiting OCD approval to squeeze.

#### **September 3, 2024- Casing Repair**

Work Detail: TOO H w/ packer. Receive verbal approval to move forward. TIH open ended to 867' KB, RU cement. Mix 25 sacks, 6.1 bbls, 14.6 ppg, 1.37 cf/sack, type III cement and pump balanced plug (3.4 bbls displaced). TOO H. Top off with 1.9 bbls (metal displacement). Pumped 2.5 bbls, 1100 psi and SI. Pressure fell to 800 psi, wait 20 minutes, pump 0.25 bbls, 1000 psi, SI. Pressure fell 900 psi, wait 15 minutes, pump 0.25 bbls, 1100 psi and SI. RD cement. Secure well. WOC overnight.

#### **September 4, 2024**

Work Detail: Csg 350 psi. Bled off pressure, TIH w/ bit, tagged TOC @ 717' KB. Drilled cement to 856' KB, hit cement bridge and stringers to 910' KB. Circulate clean, TOH w/ bit, TIH w/ csg scraper to 2161' KB. TOH w/ 10 stands, pressure test to 500 psi, held good. left 500 psi on csg. SDFD.

#### **September 5, 2024**

Work Detail: Csg 400 psi. TOH w/ scraper. TIH w/ bit to 2190' KB clean out to top of RBP. TOH w/ bit, TIH w/ retrieving tool to 2230' KB. Cleaned sand off RBP, released RBP, TOH laying down work string/collars. Pressure test csg surface to packer for 1 hour, held 500 psi. SDFD.

**September 6, 2024**

Work Detail: 0 psi csg. PU new on/off tool w/ BHA, ran injection string. Circulated 67 bbls packer fluid to backside. Set tbg in 8K tension w/ a new latching tbh hanger. Pressure test csg to 500 psi for 30 min, held good. Test tbh to 2,500 psi, held good. ND BOP, NU WH, run in tbh w/ slickline, retrieve 1.87" plug in packer, retrieve 1.78" plug (leaks by) in tail joint. SDFD.

**September 9, 2024**

Work Detail: MIT w/ OCD witness, pass. Check kills w/ OCD witness. RD rig and equipment, MOL. Start injection for FOT.







# Agua Moss, LLC

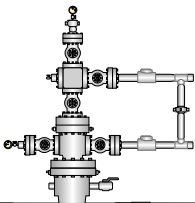
## Wellbore Schematic

Sunco No. 1, SWD

Current Wellbore Configuration

Location: 1595' fnl & 1005' fwl  
Sec 2, T29N, R12W  
San Juan Co, New Mexico  
Updated: 2024-09-12 SCM

Elevation: 5,859' GL  
5,872' RKB  
By: J. Ryan Davis



Top of Cmt @ Surface

Bit Size - 12 1/4"

8 5/8" 24# K55 Surface Csg @ 209' KB w/ 150sx; circ to surf

2024-09-02 Leak off in 5-1/2" csg between 834 - 865' KB  
Squeezed w/ 25 sacks, 14.6 ppg, 1.37 cuft/sx, 6.1 bbls of  
Type III cement (9/3/24)

2024-08-27 Leak off in 5-1/2" csg @ 2137' KB (identified via  
acoustic log and confirmed with packer)  
Squeezed w/ 15 sacks, 12 ppg, 1.33 cuft/sx, 3.6 bls of  
Mc500 (8/30/24)

DV tool @ 2244' KB.

2-7/8", 6.5# L80 EUE Internally Plastic Coated Tubing to  
4282' KB w/ production packer to 4296' KB  
(new on/off tool, reran string 9/6/24)

Description	Length	KB: 13'	Depth
Tbg hanger w/ 1' nickel coated sub	1.34		14.34
1 jt 2-7/8" 6.5# EUE L80 IPC tbg	32.74		47.08
1 ea 2', 10' 2-7/8" 6.5# EUE L80 IPC pup jt	12.01		59.09
129 jts of 2-7/8" 6.5# EUE L80 IPC tbg	4208.57		4267.66
2-7/8" box x 2-3/8" pin nickle coated xover	0.5		4268.16
2-3/8" x 1.87" ID x profile nickle coated nipple	1.17		4269.33
2-7/8" box x 2-3/8" pin nickle coated xover	0.5		4269.83
1 ea 6' 2-7/8" 6.5# EUE L80 IPC pup jt	6.17		4276
2-7/8" box x 2-3/8" pin nickle coated xover	0.5		4276.5
5-1/2" T-2 on/off tool w/ 1.87" ID "X" nickle coated stinger	1.5		4278
5-1/2" latch sub for Arrow XL-W packer (Ni coated)	0.9		4278.9
2.688" seal assembly (Ni coated)	3.33		4282.23
5-1/2" Arrow XL-W Seal bore packer	4.68		4282
5-1/2" x 2.688 Tubing adapter	1.1		4283.1
1 ea 6' 2-3/8" plastic lined pup jt	5.69		4288.79
2-3/8" x 1.78" "F" stainless steel nipple	0.87		4289.66
2-3/8" plastic coated pup jt	6.1		4295.76
2-3/8" wireline re-entry guide	0.55		4296.31

Plug held in  
1.87" nipple

### Pt. Lookout Perfs:

4350' - 4460' 2 spf  
(Acidized w/ 2000 gal 15% HCL on 9/1993,  
Frac w/ 100,000# 20/40)

5.50" 15.5# K55 Csg @ 4750'  
Stage 1: 230 sx  
Stage 2: 515 sx  
Circ 25 sx to surf

TD @ 4760'KB  
PBTD @ 4706'KB

Tertiary

Cretaceous

Mesaverde - 4046'

Released to Imaging: 7/30/2025 2:59:42 PM

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 394119

CONDITIONS

Operator: AGUA MOSS, LLC P.O. Box 600 Farmington, NM 87499	OGRID: 247130
	Action Number: 394119
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	7/30/2025