

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. 30-045-30922
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pretty Lady 30 11 34
8. Well Number 1
9. OGRID Number 247130
10. Pool name or Wildcat SWD, MV
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5789 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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD <input type="checkbox"/>	
2. Name of Operator Agua Moss, LLC	
3. Address of Operator PO Box 600 Farmington, NM 87499	
4. Well Location Unit Letter <u>J</u> : 1760 feet from the <u>South</u> line and <u>1475</u> feet from the <u>East</u> line Section <u>34</u> Township <u>30N</u> Range <u>11W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5789 GL	

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 checked="" 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"/>			
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.

Agua Moss, LLC proposed to plug the above mentioned SWD. Please see the attached report.

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 [Signature] TITLE HSE & Regulatory Compliance DATE 3/19/2021

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

PLUG AND ABANDONMENT PROCEDURE

March 19, 2021

Pretty Lady 30-11 #34-1

SWD Mesaverde Pool

Unit J, 1760' FSL, 1475' FEL, Section 34, T30N, R11W,

San Juan County, NM API 30-045-30922

All cement volumes 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 14.2 ppg mud, and Corrosion Inhibitor sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Comply with all NMOCD, BLM, and Operator safety regulations. Record casing, tubing and bradenhead pressures. Kill well with mud as necessary. ND wellhead and NU BOP. Function test BOP.

NOTE: This well has had multiple squeeze attempts from 3034' - 3426' with total 445 sxs cement (2021).

There is a CIBP set in the 4.5" tailpipe isolating the wellbore above from the Mesaverde.

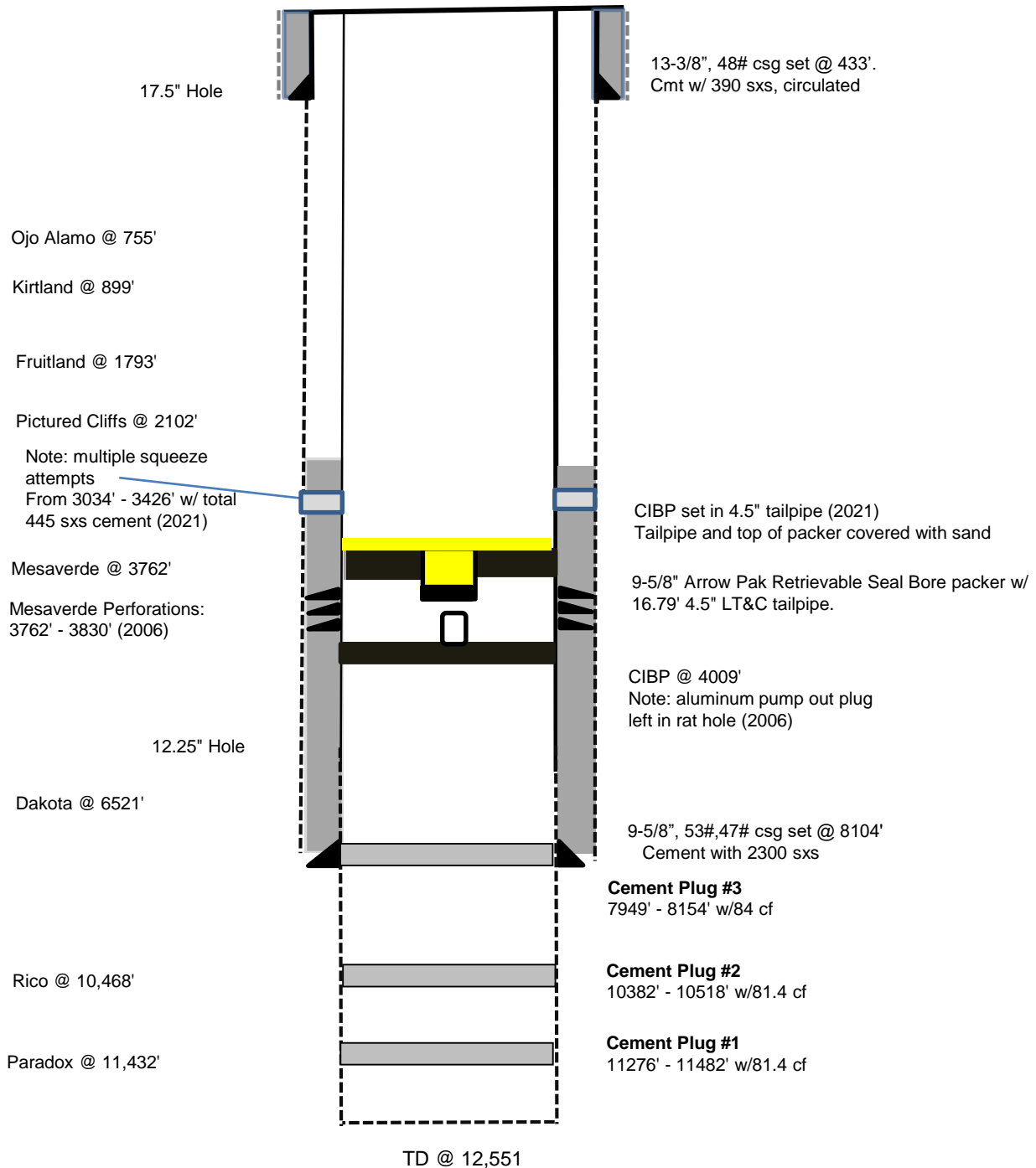
The packer set in 2006 is obsolete and to find a retrievable tool will be difficult as it is a non standard packer size.

3. **Plug #1 (Mesaverde top and packer @ 3700 – 3650')**: Mix and pump approximately 36 sxs Class G cement and spot above packer. TOH and WOC.
4. **Plug #2 (Pictured Cliffs top, 2152' - 2052')**: Perforate squeeze holes at 2152'. Set 9-5/8" CR (tubing or wireline based on availability) at 2102'. Mix and pump 107 sxs Class G cement, squeeze 55 below CR and outside casing and leave 52 sxs inside. TOH.
5. **Plug #3 (Fruitland top, 1843' - 1743')**: Perforate squeeze holes at 1843'. Set 9-5/8" CR (tubing or wireline based on availability) at 1793'. Mix and pump 107 sxs Class G cement, squeeze 55 below CR and outside casing and leave 52 sxs inside. TOH.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 949' - 705')**: Perforate squeeze holes at 949'. Set 9-5/8" CR (tubing or wireline based on availability) at 899'. Mix and pump 235 sxs Class G cement, squeeze 133 below CR and outside casing and leave 102 sxs inside. TOH.
7. **Plug #5 (13-3/8" casing shoe 433' - 333')**: Perforate squeeze holes at 483'. If casing tested then mix and pump 118 sxs Class G cement, squeeze 66 outside casing and leave 52 sxs inside. TOH and WOC overnight. Tag cement in morning and top off if necessary. TOH and LD tubing.
8. **Plug #6 (13-3/8" Surface, 100' - Surface)**: Perforate squeeze holes at 100'. Establish circulation. Mix and pump 68 sxs Class G cement and circulate to surface. SI well and WOC.

9. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors.

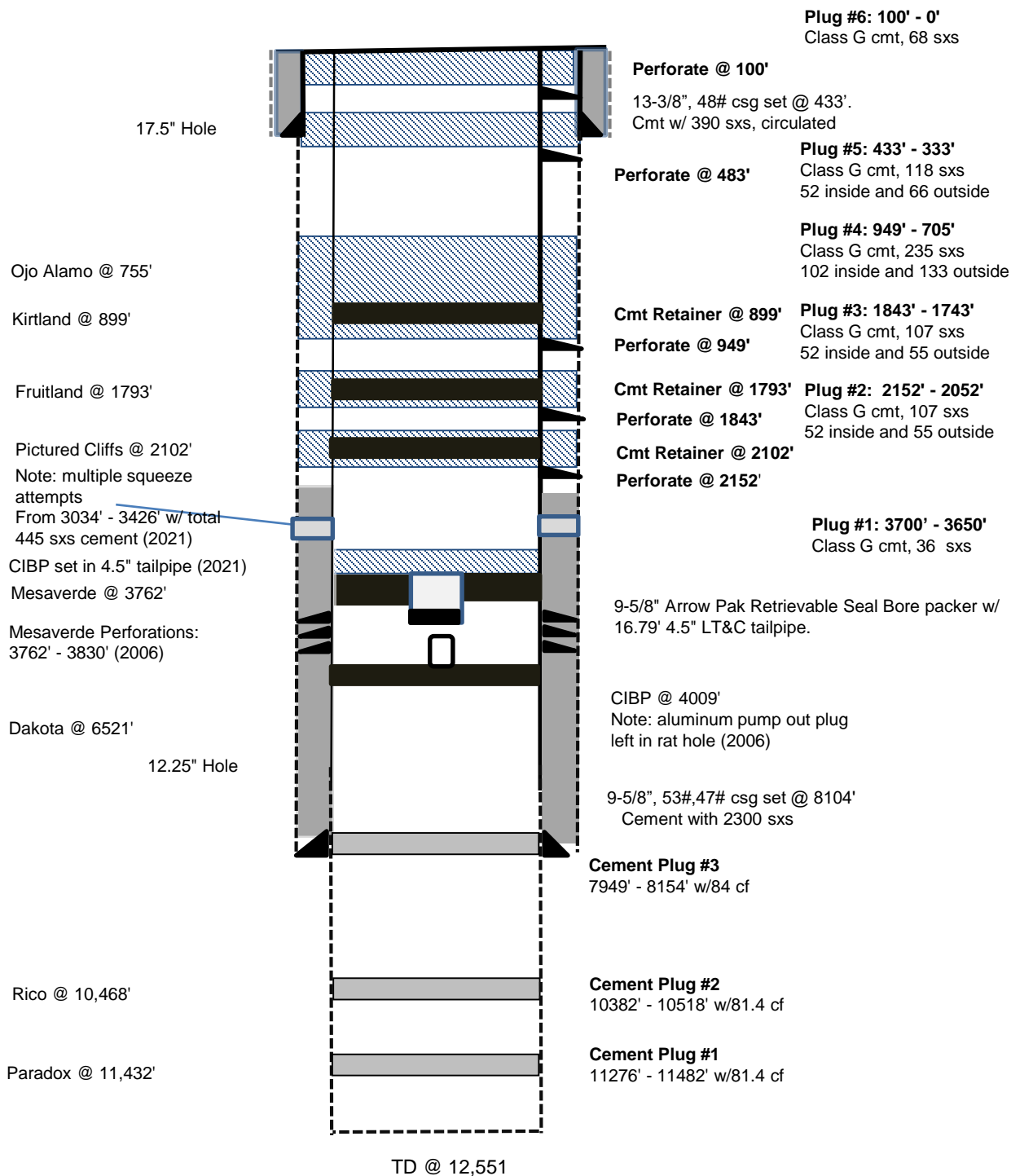
Pretty Lady 30-11 34-1 **Current Wellbore**

SWD Mesaverde Pool
Unit J, 1760' FSL & 1475' FEL, Section 34, T30N, R11W
San Juan County, NM, API# 30-045-30922



Pretty Lady 30-11 34-1 **Proposed P&A**

SWD Mesaverde Pool
Unit J, 1760' FSL & 1475' FEL, Section 34, T30N, R11W
San Juan County, NM, API# 30-045-30922



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Phone:(505) 476-3470 Fax:(505) 476-3462

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Oil Conservation Division
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Santa Fe, NM 87505

COMMENTS

Action 21430

COMMENTS

Operator:	AGUA MOSS, LLC P.O. Box 600 Farmington, NM87499			OGRID:	247130	Action Number:	21430	Action Type:	C-103F
Created By	Comment					Comment Date			
kpickford	KP GEO Review 3/22/2021					03/22/2021			

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CONDITIONS

Action 21430

CONDITIONS OF APPROVAL

Operator:	AGUA MOSS, LLC	P.O. Box 600	Farmington, NM87499	OGRID:	247130	Action Number:	21430	Action Type:	C-103F
OCD Reviewer	Condition								
kpickford	Notify NMOCD 24 Hours Prior to beginning operations								
kpickford	CBL Required								