

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-045-21674
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator San Juan Resources, INC.		6. State Oil & Gas Lease No.
3. Address of Operator 1499 Blake St, 10C Denver CO 80202		7. Lease Name or Unit Agreement Name Apperson
4. Well Location Unit Letter <u> K </u> : <u> 1850 </u> feet from the <u> FSL </u> line and <u> 1850 </u> feet from the <u> FWL </u> line Section <u> 30 </u> Township <u> 30N </u> Range <u> 11W </u> NMPM County <u> San Juan </u>		8. Well Number 001
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5731'		9. OGRID Number 20208
		10. Pool name or Wildcat Basin Dakota

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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.

San Juan Resources is proposing to permanently plug and abandon the Apperson #1 as per the attached procedure.

**COAs: \*\*\*A Pressure test is required after the WOC of each plug until the Casing Pressure tests.**

- CBL required
- Extend Plug #1: 6648'-6330'. OCD Graneros pick @ 6434
- Add a plug: 2740'-2640'. OCD Chacra pick @ 2690'.
- Add a plug 1690'-1590'. OCD Fruitland pick @ 1640'.
- Add a plug 790'-460'. OCD Kirtland pick @ 659, Ojo Alamo pick @ 510'.

NMOCD REC'D  
 10/3/20

Notify NMOCD 24hrs  
 Prior to beginning  
 operations

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  President  DATE  10/1/2020

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ PHONE: \_\_\_\_\_  
**For State Use Only**

APPROVED BY:  [Signature]  TITLE  District III Geologist  DATE  10/15/2020

Conditions of Approval (if any):

AV



## P&A Procedure

### San Juan Resources – Apperson #1

Basin Dakota

1850' FSL & 1850' FWL, Section 30, T30N, R11W

San Juan County, New Mexico, API #30-045-21674

### Plug & Abandonment Procedure:

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**Note: All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 1.15 ft<sup>3</sup>/sk or equivalent. Cement calculation based on 4.5" 10.5# casing.**

### Prior to Mobilization

1. Notify NMOCD
2. Verify all cement volumes based on actual slurry to be pumped. Calculations based on 1.15 ft<sup>3</sup>/sk.
3. Comply with all COA's from NMOCD

### P&A Procedure

1. MIRU PU and cement equipment
2. ND WH, NU BOP, RU rig floor and 2 3/8" handling tools
3. Release packer & POH and 2 3/8" production string.
4. TIH & set CICR @ 6392'.
5. Pressure test tubing to 1000 psi,
6. **Plug #1, 6342' – 6648' (Dakota Top at 6490', Perfs: 6442'-6648')**: Mix & pump 30 sxs (34.5 ft<sup>3</sup>) of Class G neat cement (or equivalent). Sting out of retainer, leaving ~ 50' of cement on top of CICR. PU 100' above TOC and reverse circulate to load casing and clean tubing. Close BOP (pipe rams) and attempt to pressure test casing to 500 psi.
7. TOOH standing back 2 3/8" work string. Run CBL from top of Plug #1 (~6342') to surface. Adjust cement plugs to cover outside of casing if CBL indicates. Otherwise proceed as planned with inside only plugs.
8. **Plug #2, 5472' - 5622' (Gallup Top at 5572')**: Mix & pump 12 sxs (13.8 ft<sup>3</sup>) of Class G neat cement (or equivalent) in balanced plug. PUH 100' above TOC and reverse circulate tubing clean. Tag plug if required.
9. **Plug #3, 4550' – 4700' (Mancos Top at 4650')** Mix & pump 12 sxs (13.8 ft<sup>3</sup>) of Class G neat cement (or equivalent) in balanced plug. PUH 100' above TOC and reverse circulate tubing clean. Tag plug if required.
10. **Plug #4, 3546' – 3696' (Mesaverde top at 3646')** Mix and pump 12 sx (13.8 ft<sup>3</sup>) of Class G neat cement (or equivalent) in a balanced plug. PUH 100' above TOC and reverse circulate tubing clean. Tag plug if required.

- 11. Plug #5, 1855' – 2030' (Pictured Cliffs top at 1980', FTC top at 1955')** Mix and pump 15 sx (17.3 ft<sup>3</sup>) of Class G neat cement (or equivalent) in a balanced plug. PUH 100' above TOC and reverse circulate tubing clean. Tag plug if required.
- 12. Plug #6, 1222' – 1528' (Ojo Alamo top at 1322', Kirtland top at 1478')** Mix and pump 25 sx (28.8 ft<sup>3</sup>) of Class G neat cement (or equivalent) in a balanced plug. PUH 100' above TOC and reverse circulate tubing clean. Tag plug if required
- 13.** TOOH and LD remaining tubing.
- 14.** RIH w/ WL and shoot 3 spf 25' below 8 5/8" surface casing shoe @ 323'; Surface shoe 298'.
- 15. Plug #7, Surface' – 323' (8 5/8" surface casing shoe at 298').** Attempt to establish circulation out BH valve. Mix and pump ~100 sks (115 ft<sup>3</sup>) to fill inside and outside of casing. Top off as necessary.
- 16.** ND BOP and cut off wellhead below surface casing flange, top off casing and annulus as necessary. Install P&A marker and cut off and/or remove anchors. RD, MOL - Restore location per surface owners agreement and all NMOCD guidelines.

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John Thompson  
Engineer