

Submit a 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

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|---|
| WELL API NO. 30-039-06178 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. NMSF080565 |
| 7. Lease Name or Unit Agreement Name FLORENCE FEDERAL |
| 8. Well Number 002 |
| 9. OGRID Number 289408 |
| 10. Pool name or Wildcat TAPACITO PICTURED CLIFFS |

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| 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 checked="" type="checkbox"/> Other <input type="checkbox"/> | |
| 2. Name of Operator LOGOS OPERATING LLC | |
| 3. Address of Operator 2010 AFTON PLACE, FARMINGTON, NM 87401 | |
| 4. Well Location Unit Letter A : 1579 feet from the N line and 912 feet from the E line Section 05 Township 25N Range 3W NMPM NENE County RIO ARRIBA | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 7189 | |

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

| | | | |
|--|--|--|--|
| NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/> | | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <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.

The subject well has been plugged and abandoned on 06/05/2023. See attached report and wellbore schematic.

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 Dacye Shull TITLE Regulatory Technician DATE 03/31/2023

Type or print name Dacye Shull E-mail address: dshull@logosresourcesllc.com PHONE: (505) 787-2027

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Well Name: Florence Federal 002

API: 30-039-06178

05/25/2023 - MIRU. ND WH. NU BOPE. Function test BOP. SDFN

05/30/2023 – Tag fill @ 3815'. Scan tbg out. Tagged TOL @ 3782'. SWAB well. TOO. SDFN

06/01/2023 – TIH. Tag fill @3746'. TOO. TIH w/ Cement Retainer @ 3740'. PT to 1000psi. Good Test. Sting out of retainer, roll hole w/ 80bbls of FW. PT failed. TOO. RU WL **RIH w/ CBL f/3732' t/SURF. Notified NMOCD (Gilbert Cordero) & BLM (Virgil Lucero) TIH. Plug #1 (Ojo Alamo) f/3740' t/3384'** Mix & pump 45 sx (9.2bbls, 1.15 yield, 15.8ppg) Class G cement. Displaced w/ 13bbl FW. TOO. Reverse CIRC. TOO. SIW. WOC. SDFN.

06/02/2023 – TIH. TAG TOC @ 3384'. PT csg failed. TOO. RU WL. Perf'd @ 1112' (1SPF). Set cement retainer @ 1054'. Sting out & PT csg, failed. Sting into retainer, establish injection rate. Circ. **Plug #2 (Nacimiento) inside/outside f/1112' t/938'** Mix & pump 54 sx (11bbls, 1.15 yield, 15.8ppg) Class G cement. Displaced w/ 1.2bbl FW. Sting out of retainer. TOO. Circ. WOC. TIH. TAG TOC @ 938'. TOO. PT csg to 500psi, pressure falls to 300psi and holds, test failed. RU WL. Perf'd @ 145' (1SPF) Established circulation out of BH. ND BOPE. NU WH. **Plug #3 (f/145' t/Surface)** Mix & pump 80 sx (16bbls, 1.15 yield, 15.8ppg) Class G Cement. CIRC 4bbls of good cement out BH. SIW. SDFN. **Witnessed by BLM (Joe Maestas) & received verbal approval for each plug from NMOCD (Thomas Vermersch)**

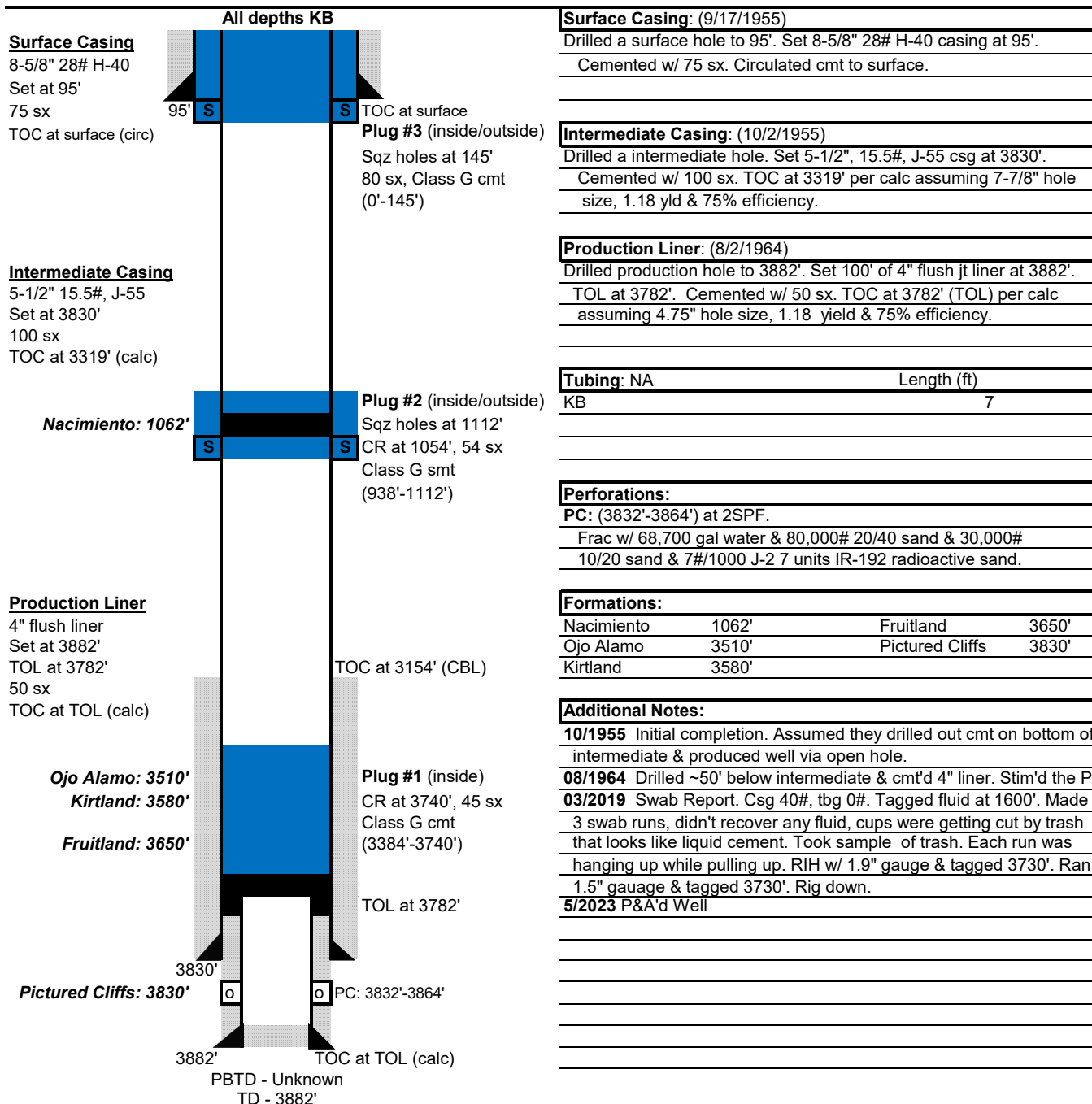
06/05/2023 – Cement 20' f/ Surface. Cut off wellhead. Weld on P&A marker. Mix & pump 25 sx (5bbls, 1.15 yield, 15.8ppg) Class G cement to top of casing. TOC @ Surface. RDMO

Well Plugged & Abandoned



Wellbore Schematic

| | | | |
|---------------|---|---------------------|----------------|
| Well Name: | Florance Federal 2 | Date Prepared: | 3/6/2019 Hespe |
| Location: | Sec 05, T25N, R03W 990' FNL & 990' FEL | Reviewed By: | 2/15/2023 Moss |
| County: | Rio Arriba | Last Updated: | 6/8/2023 Peace |
| API #: | 30-039-06178 | Spud Date: | 9/17/1955 |
| Co-ordinates: | (Lat) 36.431458°, (Long) -107.162449° NAD83 | Completion Date: | 08/1964 |
| Elevations: | GROUND: 7189' | Last Workover Date: | 5/25/2023 |
| | KB: 7196' | | |
| Depths (KB): | PBTD: Unknown | | |
| | TD: 3882' | | |



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CONDITIONS

Action 231734

CONDITIONS

| | |
|---|--|
| Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401 | OGRID: 289408 |
| | Action Number: 231734 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---|----------------|
| john.harrison | Accepted for record - NMOCD JRH 7/5/23. Well P&A'd 6/5/23 | 7/5/2023 |