

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

NM OIL CONSERVATION
State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

DEC 13 2018

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

| | | |
|--|--|---|
| 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.) | | WELL API NO. 30-015- 45267 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP. | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 333 WEST SHERIDAN AVENUE, OKC, OK 73102 | | 7. Lease Name or Unit Agreement Name SPUD MUFFIN 31-30 |
| 4. Well Location Unit Letter N : 625 feet from the SOUTH line and 2435 feet from the EAST line Section 31 Township 23S Range 29E NMPM Eddy County New Mexico | | 8. Well Number 623H |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2959' | | 9. OGRID Number 6137 |
| | | 10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP |

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 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: CSG VARIANCE <input checked="" 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.

Devon Energy Production Co., LP respectfully requests approval for a variance to allow for the option to drill intermediate hole with 9.875" bit and run 8.625" P-110HSCY 32 PPF TLW

ATTACHEMENTS: 8.625 32.00 P110HSCY TLW.

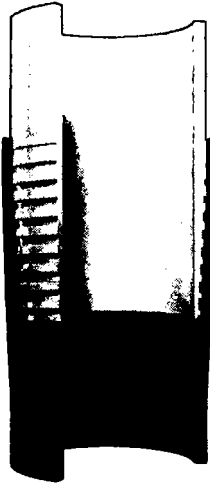
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Erin Workman TITLE Regulatory Compliance Analyst DATE 12/13/18

Type or print name Erin Workman E-mail address: Erin.workman@devon.com PHONE: (405) 552- 7970

For State Use Only

APPROVED BY: Raymond P. Padany TITLE Geologist DATE 12-24-18
Conditions of Approval (if any):



EC- LOCK WEDGE

8.625" 32.00 LB/FT (.352" Wall)
BORUSAN MANNESMANN P110 HSCY

Pipe Body Data

| | | |
|-------------------------|--------------------|-------|
| Nominal OD: | 8.625 | in |
| Nominal Wall: | .352 | in |
| Nominal Weight: | 32.00 | lb/ft |
| Plain End Weight: | 31.13 | lb/ft |
| Material Grade: | P110 HSCY | |
| Mill/Specification: | BORUSAN MANNESMANN | |
| Yield Strength: | 125,000 | psi |
| Tensile Strength: | 125,000 | psi |
| Nominal ID: | 7.921 | in |
| API Drift Diameter: | 7.796 | in |
| Special Drift Diameter: | 7.875 | in |
| RBW: | 87.5 % | |
| Body Yield: | 1,144,000 | lbf |
| Burst: | 8,930 | psi |
| Collapse: | 4,230 | psi |

Connection Data

| | | |
|------------------------------|-----------|-----------------|
| Standard OD: | 9.000 | in |
| Pin Bored ID: | 7.921 | in |
| Critical Section Area: | 8.61433 | in ² |
| Tensile Efficiency: | 94.2 % | |
| Compressive Efficiency: | 100.0 % | |
| Longitudinal Yield Strength: | 1,077,000 | lbf |
| Compressive Limit: | 1,144,000 | lbf |
| Internal Pressure Rating: | 8,930 | psi |
| External Pressure Rating: | 4,230 | psi |
| Maximum Bend: | 62.6 | °/100 |

Operational Data

| | | |
|------------------------|--------|-------|
| Minimum Makeup Torque: | 29,900 | ft*lb |
| Optimum Makeup Torque: | 37,375 | ft*lb |
| Maximum Makeup Torque: | 80,900 | ft*lb |
| Minimum Yield: | 89,900 | ft*lb |
| Makeup Loss: | 5.97 | in |

Notes

Operational Torque is equivalent to the Maximum Make-Up Torque.

