



123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

UL Perfs

UNIVERSITY 40 16

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|------------------------|---------------------------|------------------|--|-------------------------------------|------------------------------|--------------------------|-------------------------------------|-----------------------------------|----------------------|
| Corporate ID 126520 | API No. 42003464950000 | | Operator SANDRIDGE EXPLORATION AND PRODUCTION LLC | | | | | Current Well Status COMPLETING | WI (%) 100.000000 |
| Well Type VERTICAL | Well Config VERTICAL | Dual Completion? | Division PERMIAN | Subdivision CENTRAL BASIN PLA... | State TX | County/Parish ANDREWS | District 8 | Well Sub-Status COMPLETING | NR1 (%) 75.000000 |
| Survey UL | | Section 40 | Block 13 | Abstract U432 | Field Name FUHRMAN-MASCHO | | Battery UNIVERSITY 13-33 BATTERY | | |

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|--|--|---|---------------------------|-------------------|------------|---------------------|---------------------|--------------------|---------------|
| VERTICAL - Original Hole, 9/15/2014 3:18:05 PM | | Perforation: 4,604.0 ftKB- 4,607.0 ftKB | | | | | | | |
| Vertical schematic (actual) | | Date | Zone | Top Depth (ftKB) | Btm (ftKB) | FL MD Before (ft... | FL MD After (ftKB) | P Surf Init... | P Final Su... |
| | | 9/13/2014 | San Andres, Original Hole | 4,604.0 | 4,607.0 | | | | |
| | | Perforation Company | | Conveyance Method | | Gun Size (in) | Carrier Make | Entered Shot Total | |
| | | Gray Wireline | | Wireline | | 3 1/8 | Owen Oil Tool Inc. | 6 | |
| | | String Perforated | Shot Density (shots/ft) | Charge Type | | Phasing (°) | Over/Under Balanced | Break Press. (psi) | |
| | | Production, 4,822ftKB | 2.0 | Shaped | | 60 | | | |
| | | Status | Date | Comment | | | | | |
| | | Active | 9/13/2014 | | | | | | |
| | | Perforation: 4,650.0 ftKB- 4,656.0 ftKB | | | | | | | |
| | | Date | Zone | Top Depth (ftKB) | Btm (ftKB) | FL MD Before (ft... | FL MD After (ftKB) | P Surf Init... | P Final Su... |
| | | 9/13/2014 | San Andres, Original Hole | 4,650.0 | 4,656.0 | | | | |
| | | Perforation Company | | Conveyance Method | | Gun Size (in) | Carrier Make | Entered Shot Total | |
| | | Gray Wireline | | Wireline | | 3 1/8 | Owen Oil Tool Inc. | 12 | |
| | | String Perforated | Shot Density (shots/ft) | Charge Type | | Phasing (°) | Over/Under Balanced | Break Press. (psi) | |
| | | Production, 4,822ftKB | 2.0 | Shaped | | 60 | | | |
| | | Status | Date | Comment | | | | | |
| | | Active | 9/13/2014 | | | | | | |
| | | Perforation: 4,705.0 ftKB- 4,708.0 ftKB | | | | | | | |
| | | Date | Zone | Top Depth (ftKB) | Btm (ftKB) | FL MD Before (ft... | FL MD After (ftKB) | P Surf Init... | P Final Su... |
| | | 9/13/2014 | San Andres, Original Hole | 4,705.0 | 4,708.0 | | | | |
| | | Perforation Company | | Conveyance Method | | Gun Size (in) | Carrier Make | Entered Shot Total | |
| | | Gray Wireline | | Wireline | | 3 1/8 | Owen Oil Tool Inc. | 9 | |
| | | String Perforated | Shot Density (shots/ft) | Charge Type | | Phasing (°) | Over/Under Balanced | Break Press. (psi) | |
| | | Production, 4,822ftKB | 3.0 | Shaped | | 60 | | | |
| | | Status | Date | Comment | | | | | |
| | | Active | 9/13/2014 | | | | | | |
| | | Perforation: 4,744.0 ftKB- 4,750.0 ftKB | | | | | | | |
| | | Date | Zone | Top Depth (ftKB) | Btm (ftKB) | FL MD Before (ft... | FL MD After (ftKB) | P Surf Init... | P Final Su... |
| | | 9/13/2014 | San Andres, Original Hole | 4,744.0 | 4,750.0 | | | | |
| | | Perforation Company | | Conveyance Method | | Gun Size (in) | Carrier Make | Entered Shot Total | |
| | | Gray Wireline | | Wireline | | 3 1/8 | Owen Oil Tool Inc. | 18 | |
| | | String Perforated | Shot Density (shots/ft) | Charge Type | | Phasing (°) | Over/Under Balanced | Break Press. (psi) | |
| | | Production, 4,822ftKB | 3.0 | Shaped | | 60 | | | |
| | | Status | Date | Comment | | | | | |
| | | Active | 9/13/2014 | | | | | | |
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