NEBU MIDDLE MESA SWD 2 WEST UNRESTRICTED devon 30-045-28553 Sehematic Current ROCKY MOUNTAIN SAN JUAN NEBU/FRUITLAND-COAL SAN JUAN NM Longitude (*) Ground Elev 107° 32' 45.816" W 6,505.00 11-31-N 7-W-6 36° 54' 30.498" N 3004528553 13.00 Orig Drlg RR 6,518.00 PBTD: no data CLEANED UP ANDERI 5 11/1/2011 eports indicate 20" was cut off 4 ft below surface and OH, 6/13/2014 11:31:26 AM MD (ftKB) Casing Joints; 13 3/8; 44.00; 13.0-57.0

— Casing Joints; 20; 320.00; 13.0-333.0

— Float Shoe; 20; 1.00; 333.0-334.0

— Casing Joints; 13 3/8; 2,216.00; 57.0-2,273.0

— Casing Joints; 13 3/8; 14.25.00; 2,273.0-3,698.0

— Casing Joints; 13 3/8; 1,425.00; 2,273.0-3,698.0

— Casing Joints; 7; 6,043.00; 13.0-6,056.0

— Liner Hanger; 9 5/8; 4.75; 3,528.0-3,532.7

— Float Collar; 13 3/8; 1.00; 3,698.0-3,699.0

— Guide Shoe; 13 3/8; 1.00; 3,699.0-3,700.0 Casing Joints; 13 3/8; 44.00; 13.0-57.0 57.1 334.0 SURFACE CASING CEMENT; 13.0-334.0 3,527.9 3,698.2 INTERMEDIATE CASING CEMENT: 13 0-3 700 0 3.700.1 Tubing; 3 1/2; 8,135.70; 13.0-8,148.7 Casing Joints; 9 5/8; 1,826.74; 3,532.7-5,359.5 5 359 6 Casing Joints; 7; 1,161.10; 6,056.0-7,217.1 Casing Joints; 9 5/8; 2,698.55; 5,359.5-8,058.0 ^^^^^^ 7,217.2 Shoe; 9 5/8; 1.00; 8,058.0-8,059.0 8.059. LINER CEMENT; 3,528.0-8,067.0 Casing Joints; 7; 1,976.57; 7,217.1-9,193.7 PERFORATED; 8,276.0 F Nipple; 3 1/2; 1.00; 8,148.7-8,149.7 Tubing; 3 1/2; 31.00; 8,149.7-8,180.7 n-Off Tool; 3 1/2; 1.30; 8,180.7-8,182.0 8,180.8 -PERFORATED: 8,278.0 PERFORATED: 8,280.0 Packer; 4; 10.00; 8,182.0-8,192.0 PERFORATED; 8,282.0 PERFORATED; 8,284.0 8 191 9 8,277.9 PERFORATED; 8,286.0 -PERFORATED: 8.288.0 8,282.2 -PERFORATED; 8,392.0 -PERFORATED; 8,395.0 -PERFORATED; 8,399.0 8,286. 8,392.1 -PERFORATED; 8,402.0 -PERFORATED: 8.405.0 PERFORATED: 8.476.0 8.399.0 -PERFORATED; 8,479.0 -PERFORATED; 8,482.0 8.404 9 -PERFORATED: 8,495.0 PERFORATED: 8 499 0 8,476.0 PERFORATED; 8,503.0 PERFORATED; 8,511.0 PERFORATED; 8,514.0 8,482.0 8,499.0 -PERFORATED: 8,517.0 PERFORATED: 8 520 0 8,511.2 -PERFORATED; 8,524.0 -PERFORATED; 8,527.0 -PERFORATED; 8,530.0 8,517.1 -PERFORATED: 8.535.0 8,524.0 -PERFORATED: 8 539 0 -PERFORATED; 8,559.0 -PERFORATED; 8,551.0 -PERFORATED; 8,557.0 8,529.9 8,539.0 DIST. 3 -PERFORATED: 8.648.0-8.468.0 PERFORATED: 8 564 0 8,554.1 PERFORATED; 8,567.0 PERFORATED; 8,570.0 PERFORATED; 8,577.0 OIL COMS. DIV 8.564.0 8,569.9 PERFORATED: 8.580.0 PERFORATED: 8.583.0 RCUDJUL114 -PERFORATED; 8,591.0 -PERFORATED; 8,593.0 -PERFORATED; 8,636.0 8,580.1 8,590.9 PERFORATED; 8,645.0 8,636.2 PERFORATED: 8.690.0 -PERFORATED; 8,692.0 -PERFORATED; 8,702.0 -PERFORATED; 8,705.0 8,648.0 8.691.9 PERFORATED: 8,739.0 -PERFORATED; 8,744.0 -PERFORATED; 8,748.0 -PERFORATED; 8,754.0 -PERFORATED; 8,756.0 8 705 1 8,744.1 8,753.9 PERFORATED: 8,762.0 -PERFORATED; 8,762.0
-PERFORATED; 8,770.0
-PERFORATED; 8,779.0
-PERFORATED; 8,782.0
-PERFORATED; 8,785.0 8,762.1 8,770.0 8,782.2 -PERFORATED: 8,788.0 PERFORATED: 8.801.0 -PERFORATED, 8,803.0 -PERFORATED; 8,806.0 -PERFORATED; 8,812.0 -PERFORATED; 8,815.0 8 788 1 8.803.1 8.812.0 PERFORATED: 8.818.0 PERFORATED: 8 820 0 8,817.9 -PERFORATED, 8,828.0 -PERFORATED; 8,832.0 -PERFORATED; 8,990.0 -PERFORATED; 8,992.0 8,828.1 8,990.2 PERFORATED; 8,994.0 PERFORATED: 8.998.0 -PERFORATED; 9,000.0 -PERFORATED; 9,002.0 -PERFORATED; 9,014.0 9 000 0 9,014.1 PERFORATED: 9,016.0 PERFORATED: 9 018 0 -PERFORATED; 9,020.0 -PERFORATED; 9,022.0 -PERFORATED; 9,024.0 9,018.0 9,022.0 PERFORATED: 9.031.0 9,030.8 -PERFORATED; 9,033.0 -PERFORATED; 9,037.0 -PERFORATED; 9,039.0 -PERFORATED; 9,060.0 9 037 1 9.060.0 PERFORATED: 9.062.0 -PERFORATED; 9,064.0 -PERFORATED; 9,066.0 -PERFORATED; 9,068.0 9.064.0 9,067.9 PERFORATED; 9,091.0 9,092.8 PERFORATED: 9,093.0 PERFORATED: 9 095 0 PERFORATED: 9 097 0 9.097.1 PERFORATED; 9,099.0 9,193.6 Float Collar; 7; 1.00; 9,193.7-9,194.7
Casing Joints; 7; 44.33; 9,194.7-9,239.0 9.238.8 PRODUCTION CASING CEMENT: 13.0-9.240.0 -Guide Shoe; 7; 1.00; 9,239.0-9,240.0 Report Finited. 0/13/2014