

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT



Wellsite Schematic

SAN JUAN 32-9 UNIT #5 SWD

API / UWI 3004528563		Surface Legal Location NMPM,018-031N-009W		Field Name MORRISON BLUFF ENTRADA		License No.		Well Configuration Type					
Ground Elevation (ft)		Orig KB/RT (ft)		KB-Grd (ft)		KB-CF (ft)		KB-TF (ft)		Other Elevation Type		Other Elevation (ft)	
Well Config: - Sidetrack 1, 12/8/2010 9:25:07 AM													
WELLHEADS													
Type										Install Date			
Description Make Model WP (psi) Top Ring Gasket Min Bore (in)													
CASING STRINGS													
Casing Description String OD (in) String Wt (lbs/ft) String Grade String Top Thrd Set Depth (ftKB)													
Surface 13 3/8 54.50 K-55 318.7													
Intermediate 9 5/8 36.00 HC-80 3,900.4													
Intermediate 7 23.00 N-80 7,842.1													
Liner 4 1/2 11.60 L-80 9,209.0													
Liner 4 1/2 11.60 L-80 9,329.0													
PBTDs													
Depth (ftKB) KO MD (ftKB) 9,207.0 7,970.0													
PERFORATIONS													
Date Top (ftKB) Btm (ftKB) Zone													
12/16/1991 8,253.0 8,496.0													
12/15/1991 8,526.0 8,565.0													
12/11/1991 8,658.0 8,825.0													
12/5/1991 8,780.0 8,780.0													
12/7/1991 8,965.0 9,205.0													
TUBING STRING													
Tubing Description Run Date Pull Date String Length (ft) Set Depth (ftKB)													
Tubing - Waste Injection 3/22/2010 8,185.37 8,198.5													
Comment													
Jts Item Description OD Nominal (in) Nominal ID (in) Wt (lbs/ft) Grade Make Model Len (ft) Top (ftKB)													
1 4-1/2" PLASTIC LINED TUBING 4 1/2 3.887 10.50 J-55 42.34 13.1													
1 4-1/2" PLASTIC LINED TUBING PUP JOINT 4 1/2 3.887 10.50 J-55 9.16 55.5													
177 4-1/2" PLASTIC LINED TUBING 4 1/2 3.887 10.50 J-55 7,537.83 64.6													
1 2-3/8" X 4-1/2" CROSSOVER 4 1/2 1.866 1.03 7,602.5													
19 2-3/8" PLASTIC LINED TUBING 2 3/8 1.866 4.70 J-55 584.48 7,603.5													
1 2-3/8" X 1.875" X NIPPLE 2 3/8 1.875 4.70 J-55 0.85 8,188.0													
1 STRAIGHT CUT SEAL ASSEMBLY 3.05 1.995 9.68 8,188.8													
OTHER IN HOLE													
Run Date Description OD (in) ID (in)													
8/15/2001 Mule Shoe 2 3/8 1.995													
Top (ftKB) Bottom (ftKB) Make Model													
8,205.7 8,207.5													
Run Date Description OD (in) ID (in)													
8/15/2001 Crossover 3.8													
Top (ftKB) Bottom (ftKB) Make Model													
8,198.0 8,198.5													
Run Date Description OD (in) ID (in)													
8/15/2001 Seat Nipple 2 3/8 1.875													
Top (ftKB) Bottom (ftKB) Make Model													
8,204.6 8,205.7													
Run Date Description OD (in) ID (in)													
8/15/2001 Packer 3.8													
Top (ftKB) Bottom (ftKB) Make Model													
8,197.0 8,198.0													

Well Configuration

0 55 318 321 1,895 2,787 2,806 3,300 3,854 3,895 4,202 4,915 4,957 4,967 5,090 5,115 5,143 5,363 5,655 5,820 7,603 7,651 7,667 7,751 7,797 7,828 7,842 8,153 8,185 8,195 8,205 8,207 8,496 8,565 8,658 8,800 8,953 8,955 8,965 8,967 8,124 8,205 8,207 8,210

1-1, 4-1/2" PLASTIC LINED TUBING, 4 1/2, 3.887, 13, 42.34
4-2, 4-1/2" PLASTIC LINED TUBING PUP JOINT, 4 1/2, 3.887, 55, 9.2
1-1, Casing Joints, 13 3/8, 12.615, 13, 304.5
1-2, Sawtooth Shoe, 13 3/8, 12.615, 317, 1.2
2-1, Casing Joints, 9 5/8, 8.921, 13, 2,771.6
2-2, Stage Tool, 9 5/8, 8.921, 2,785, 2.0
2-3, Casing Joints, 9 5/8, 8.921, 2,787, 9.7
2-4, External Casing Packer, 9 5/8, 8.921, 2,796, 9.4
4-3, 4-1/2" PLASTIC LINED TUBING, 4 1/2, 3.887, 65, 7,537.8
2-5, Casing Joints, 9 5/8, 8.921, 2,806, 1,048.4
2-6, Float Collar, 9 5/8, 8.921, 3,854, 1.0
2-7, Shoe Joint, 9 5/8, 8.921, 3,855, 44.0
2-8, Guide Shoe, 9 5/8, 8.921, 3,899, 1.2
3-1, Casing Joints, 7, 6.366, 13, 4,943.4
3-2, Stage Tool, 7, 6.366, 4,957, 1.7
3-3, External Casing Packer, 7, 6.366, 4,958, 8.5
4-4, 2-3/8" X 4-1/2" CROSSOVER, 4 1/2, 1.866, 7,648, 15.3
5-1, Liner Hanger, 4 1/2, 4.000, 7,648, 15.3
3-5, Insert Baffle, 7, 6.366, 7,751
3-4, Casing Joints, 7, 6.366, 4,967, 2,784.0
3-6, Casing Joints, 7, 6.366, 7,751, 46.0
3-7, Float Collar, 7, 6.366, 7,797, 1.0
3-8, Shoe Joint, 7, 6.366, 7,798, 43.2
3-9, Guide Shoe, 7, 6.366, 7,841, 1.0
4-5, 2-3/8" PLASTIC LINED TUBING, 2 3/8, 1.866, 7,603, 584.5
4-6, 2-3/8" X 1.875" X NIPPLE, 2 3/8, 1.875, 8,188, 0.8
4-7, STRAIGHT CUT SEAL ASSEMBLY, 3.050, 1.995, 8,189, 9.7
Perforate, 8,253-8,496, 12/16/1991
Perforate, 8,526-8,565, 12/15/1991
Perforate, 8,658-8,825, 12/11/1991
5-2, Casing Joints, 4 1/2, 4.000, 7,663, 1,293.1
5-3, Stage Tool, 4 1/2, 4.000, 8,956, 3.0
5-4, External Casing Packer, 4 1/2, 4.000, 8,959, 6.8
Perforate, 8,965-9,205, 12/7/1991
5-5, Casing Joints, 4 1/2, 4.000, 8,968, 156.7
5-6, Landing Collar, 4 1/2, 4.000, 9,124, 0.9
5-7, Casing Joints, 4 1/2, 4.000, 9,125, 81.9
5-8, Float Shoe, 4 1/2, 9,207, 1.7



Wellsite Schematic

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OTHER IN HOLE													
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Top (ftKB)		Bottom (ftKB)		Make		Model							
8,198.5		8,204.6											
Schematic - Actual													
Well Configuration													
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3-5, Insert Baffle, 7, 6.366, 7,751													
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3-6, Casing Joints, 7, 6.366, 7,751, 46.0													
3-7, Float Collar, 7, 6.366, 7,797, 1.0													
3-8, Shoe Joint, 7, 6.366, 7,798, 43.2													
3-9, Guide Shoe, 7, 6.366, 7,841, 1.0													
4-5, 2-3/8" PLASTIC LINED TUBING, 2 3/8, 1.866, 7,603, 584.5													
4-6, 2-3/8" X 1.875" X NIPPLE, 2 3/8, 1.875, 8,188, 0.8													
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