

7/21/2004

Wellbore Diagram

r263

30-015-33060-00-00

MILLER FEDERAL

No. 002

Company Name: PATTERSON PETROLEUM LP

Location: Sec: 3 T: 21S R: 27E Spot:

String Information

Lat/Long: Lat: 0 Long: 0

Property Name: MILLER FEDERAL

County Name: Eddy

Cement Information

Perforation Information

Formation Information

St Code	Formation	Depth
Pyts	Yates	412
Preef	Capitan Reef	793
Pdel	Delaware	2748
Pbs	Bone Spring	5159
Pbs1sd	1st Bone Spring Sand	6384
Pbs2sd	2nd Bone Spring Sand	7122
Pbs3sd	3rd Bone Spring Sand	8472
Pwc	Wolfcamp	8811
PPst	Strawn	10092
Ppat	Atoka	10370
Ppmorl	Morrow Limestone	10911
Ppmorc	Morrow Clastics	11094

Hole: Unknown

TD: 0

TVD: 0

PBTD: