



# *Patterson Petroleum, Inc.*

P.O. Drawer 1416  
Snyder, Texas 79550

## DRILLING FLUID SYNOPSIS

PATTERSON PETROLEUM, INC.

Hawkeye St. 30 No. 1

Section 30  
T-17-S  
R-33-E  
Lea County, New Mexico

### CASING

13-3/8" at 400'  
8-5/8" at 4,800'  
5-1/2" at 14,000'

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	DRILL SOLIDS	COMMENTS
0' - 400'	8.6 to 9.5	32 to 45	No control	<5%	Spud mud, paper
400' - 4800'	10.0 to 10.1	28 to 29	No control	<1%	Brine water, paper, caustic
4800' - 12,500'	8.4 to 9.2	28 to 29	No control	<1%	Fresh water caustic, paper (Brine if needed)
12,500' - 13,800'	9.0 to 9.5	36 to 42	<10 cc	<5%	Xanthan gum, white starch, pac, caustic

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