

WELL NAME AND NUMBER North Young Deep #1

LOCATION Section 10, T18S, R32E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Company

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>		<u>Degrees and Depth</u>		<u>Degrees and Depth</u>		<u>Degrees and Depth</u>	
<u>1/4</u>	<u>158</u>	<u>3</u>	<u>6433</u>	<u>3 3/4</u>	<u>9450</u>	<u>1 1/4</u>	<u>13006</u>
<u>1/2</u>	<u>640</u>	<u>3</u>	<u>6533</u>	<u>3 1/2</u>	<u>9540</u>	<u>1 1/2</u>	<u>13303</u>
<u>1</u>	<u>1080</u>	<u>3 1/4</u>	<u>6562</u>	<u>3 1/2</u>	<u>9660</u>	<u>1 3/4</u>	<u>13417</u>
<u>3/4</u>	<u>1542</u>	<u>3 3/4</u>	<u>6739</u>	<u>3 1/2</u>	<u>9707</u>	<u>2</u>	<u>13841</u>
<u>1/2</u>	<u>2038</u>	<u>4</u>	<u>6900</u>	<u>3 1/2</u>	<u>9810</u>	<u>2</u>	<u>13940</u>
<u>1/2</u>	<u>2516</u>	<u>2 3/4</u>	<u>7198</u>	<u>3</u>	<u>9900</u>		
<u>3/4</u>	<u>2810</u>	<u>4</u>	<u>7378</u>	<u>2 1/2</u>	<u>9967</u>		
<u>1/2</u>	<u>3122</u>	<u>3 3/4</u>	<u>7480</u>	<u>2 1/4</u>	<u>10147</u>		
<u>3/4</u>	<u>3485</u>	<u>4</u>	<u>7710</u>	<u>1 1/2</u>	<u>10272</u>		
<u>1 1/4</u>	<u>3853</u>	<u>3 1/2</u>	<u>7773</u>	<u>1 1/2</u>	<u>10350</u>		
<u>1 1/4</u>	<u>4193</u>	<u>3 1/4</u>	<u>7976</u>	<u>1 1/2</u>	<u>10470</u>		
<u>1 1/2</u>	<u>4500</u>	<u>2 1/2</u>	<u>8480</u>	<u>1 1/2</u>	<u>10725</u>		
<u>1 1/2</u>	<u>4691</u>	<u>3</u>	<u>8828</u>	<u>1 1/2</u>	<u>10803</u>		
<u>1</u>	<u>4816</u>	<u>3</u>	<u>8850</u>	<u>1</u>	<u>10986</u>		
<u>1</u>	<u>5349</u>	<u>2 1/2</u>	<u>8893</u>	<u>1 1/2</u>	<u>11348</u>		
<u>1 1/2</u>	<u>5635</u>	<u>3</u>	<u>9123</u>	<u>2</u>	<u>11458</u>		
<u>1 1/2</u>	<u>5885</u>	<u>3</u>	<u>9199</u>	<u>2</u>	<u>11610</u>		
<u>1 1/2</u>	<u>5930</u>	<u>3 1/2</u>	<u>9371</u>	<u>1</u>	<u>11802</u>		
<u>3</u>	<u>6267</u>	<u>3 3/4</u>	<u>9385</u>	<u>1 1/2</u>	<u>12651</u>		
<u>3</u>	<u>6361</u>	<u>3 3/4</u>	<u>9426</u>	<u>1 3/4</u>	<u>12892</u>		

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APR 23 1980
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 17th day of April 19 80

OFFICIAL SEAL
SIGNATURE Dayne Swinney
DAYNE SWINNEY
NOTARY PUBLIC-NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
MY COMMISSION EXPIRES 4-1-82