



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

December 19, 2006

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Duck Federal #1
990' FSL & 2310' FWL
Sec. 5, T17S, R32E
Lea County, New Mexico

Dear Sir,

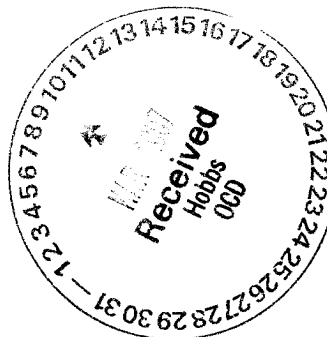
The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
248'	3/4°	3379'	3/4°
402'	3/4°	3907'	3/4°
644'	3/4°	4351'	3/4°
790'	3/4°	4714'	3/4°
1014'	1 1/4°	5124'	3/4°
1325'	1°	5496'	1°
1680'	1°	5901'	1°
2043'	1 1/2°	6344'	1°
2230'	2°	6780'	1°
2542'	1 1/2°	7171'	3/4°
2978'	1°	7486'	3/4°
		7720'	3/4°

Very truly yours,

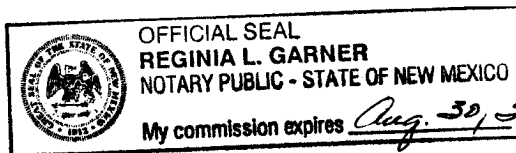
Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }



The foregoing was acknowledged before me this 6th day of December, 2006.

Notary Public



KZ