



LAYNE-WESTERN, a division of Layne Christensen Company
17800 East 22nd Avenue, Aurora, Colorado 80011 + Phone: (303) 755-1281 + Fax: (303) 755-1236

30-025-37754

Well Name and Number: MCDONALD STATE AC 1-15 01[#] - F

Operator: Marathon Oil Company

15-225-36e 1650/W & 1650/W
This is to certify that the above referenced well was drilled by Layne-Western Rig #490 in Lea County, New Mexico with the following deviation test report.

TOTAL MEASURED DEPTH (FT)	ANGLE (DEGREES)
1493	1.00
1989	1.00
2270	1.00
2489	1.50
2771	3.00
2991	3.00
3178	3.00
3398	0.50
3620	1.00
3966	2.50
4155	2.50
4375	2.00
4658	1.50
5105	0.50
5352	0.50

Drilling Contractor: Layne-Western

BY: Mark J. Scharenbroich

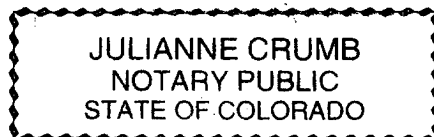
Name: MARK J. SCHARENBRDICH

Subscribed and sworn to me this 14 day of July, 2006

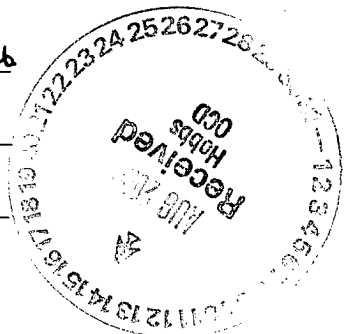
Notary Public: Julianne Crumb

My Commission Expires: _____

SEAL:



My Commission Expires 05/01/2010



[Handwritten mark]