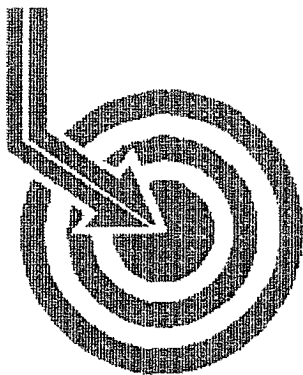
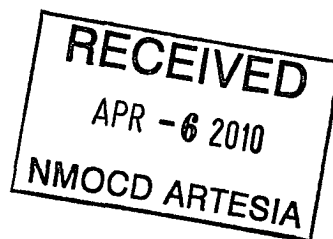




Scientific Drilling



OCCIDENTAL PERMIAN LTD.

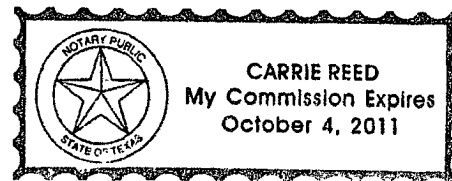
Field: San Dunes Delaware, West
Site: Eddy County, NM
Well: Federal 29 #5
Wellpath: VH - Job #32K1109515
Survey: 11/26/09

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Pluharto..... Company Representative

Notorized this date Dec of December, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





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Drilling

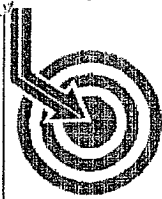
Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 11/30/2009	Time: 14:22:06	Page: 1
Field: San Dunes Delaware, West	Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North		
Site: Eddy County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Federal 29 #5	Section (VS) Reference: Well (0.00N,0.00E,269.65Azi)		
Wellpath: VH - Job #32K1109515	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 11/26/09	Start Date: 11/26/2009
Company: Scientific Drilling Internatio	Engineer: Guebara w/Gray
Tool: Keeper; Keeper Surface Readout	Tied-to: From Surface

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.39	350.94	100.00	0.05	0.34	-0.05	0.39	0.34	350.94
200.00	0.20	239.97	200.00	0.25	0.58	-0.26	0.50	0.64	336.17
300.00	0.21	274.90	300.00	0.59	0.51	-0.59	0.12	0.78	310.92
353.00	0.13	264.63	353.00	0.75	0.52	-0.75	0.16	0.91	304.57



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Drilling**

Field: San Dunes Delaware, West
Site: Eddy County, NM
Well: Federal 29 #5
Wellpath: VH - Job #32K1109515
Survey: 11/26/09



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/30/2009
Model: igrf2000

