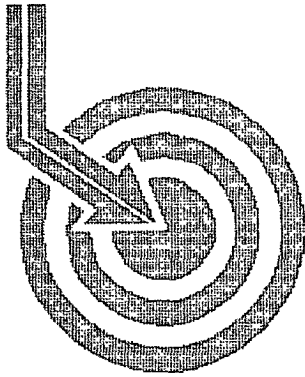




Scientific Drilling



OCCIDENTAL PERMIAN LTD.

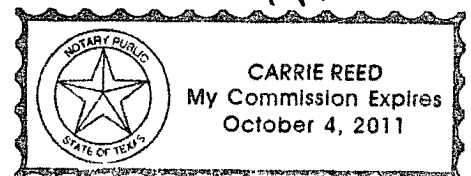
Field: San Dunes Delaware, West
Site: Eddy County, NM
Well: Federal 29 #1
Wellpath: VH - Job #32K1109495
Survey: 11/15/09

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

[Signature] Company Representative

Notorized this date 10th of December, 2009.

[Signature: Carrie Reed]
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

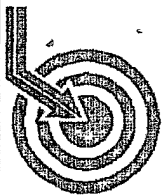
Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD	Date: 12/10/2009	Time: 13:14:09	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 #1	Section (VS) Reference:	Well: (0.00N, 0.00E, 262.62Azi)	
Wellpath: VH - Job #32K1109495	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 11/15/09	Start Date: 11/15/2009
Company: Scientific Drilling Internatio	Engineer: Madrid/Rowe/Paredes
Tool: Keeper;Keeper Surface Readout	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim 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	0.65	323.17	100.00	0.28	0.45	-0.34	0.65	0.57	323.17
200.00	0.75	234.66	199.99	1.14	0.53	-1.21	0.98	1.32	293.56
300.00	0.64	248.38	299.99	2.26	-0.05	-2.27	0.20	2.27	268.61
357.00	0.76	237.82	356.98	2.91	-0.37	-2.88	0.31	2.91	262.62



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Drilling**

Field: San Dunes Delaware, West
Site: Eddy County, NM
Well: Federal 29 #1
Wellpath: VH - Job #32K1109495
Survey: 11/15/09



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/18/2009
Model: igrf2000

