



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 432/682-5241

September 13, 2005

Bureau of Land Management
1235 La Plata Hwy
Farmington, NM 87401

30-045-32165

RE: Directional Survey

Below is the directional survey for the Callow Federal #1F, Lease No. NM 0309373; 1,970' FSL & 2,450' FWL, Section 33; T-29-N; R-11-W, San Juan County, NM.

Date	Measured Depth (ft)	Angle of Inclination (Degrees)
02/17/05	-	0.00
02/17/05	98	0.00
02/17/05	278	0.50
02/17/05	357	0.75
02/27/05	460	1.50
02/28/05	742	1.00
02/28/05	1,148	1.00
03/01/05	1,649	1.50
03/01/05	2,152	0.75
03/01/05	2,652	2.00
03/02/05	3,155	3.00
03/02/05	3,655	1.00
03/02/05	4,125	0.75
03/02/05	4,626	1.75
03/03/05	5,064	2.00
03/03/05	5,626	1.25
03/05/05	6,130	2.75
03/06/05	6,476	0.75
03/07/05	6,490	



Acknowledgement

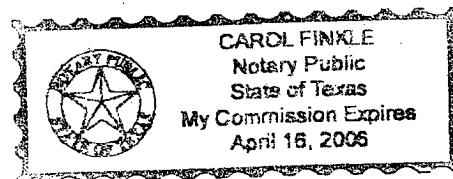
STATE OF TEXAS)

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COUNTY OF MIDLAN

Signed & Acknowledged By:

Cary Bllingsley Petroleum Engineer
Great Western Drilling Company



The foregoing instrument was acknowledged before me this 13th day of September, 2005

My commission expires: _____

Carol Finkle
Notary Public