



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

30-045-32164

RE: Directional Survey

Below is the directional survey for the Callow Federal #1G, Lease No. NM 078931D; 835' FSL & 1,915' FEL, Section 33; T-29-N; R-13-W, San Juan County, NM.

Date	Measured Depth (ft)	Angle of Inclination (Degrees)
03/09/05	57	0.75
03/09/05	145	1.00
03/10/05	265	1.50
03/11/05	552	1.00
03/11/05	1,054	0.75
03/11/05	1,553	2.00
03/12/05	2,052	0.25
03/12/05	3,059	0.75
03/12/05	2,556	0.75
03/12/05	3,560	0.75
03/13/05	4,062	0.75
03/13/05	5,094	1.00
03/13/05	4,562	1.25
03/15/05	5,067	1.00
03/15/05	5,595	0.75
03/15/05	6,100	3.25
03/16/05	6,100	0.75
03/17/05	5,067	1.00
03/17/05	5,595	0.75
03/17/05	6,100	0.75
03/20/05	6,100	0.00

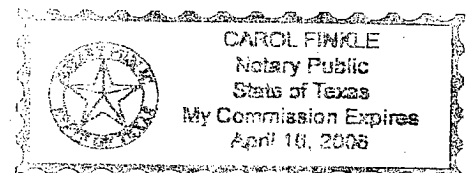


Acknowledgement

STATE OF TEXAS)
)ss
COUNTY OF MIDLAN)

Signed & Acknowledged By:

Cary N. Billingsley
Cary Billingsley 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