



Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401
Midland, Texas 79701

November 11, 1999

Home-Stake Oil & Gas Company
15 East 5th St, Ste 2800
Tulsa, OK 74103-4311

RE: Inclination Report
HSOG #2
Sec 22; T-22-S; R-37-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Lea County, New Mexico:

179' - 1.00	2340' - 1.75	4016' - 0.75
656' - 0.50	2433' - 2.00	4513' - 0.50
890' - 0.25	2526' - 1.25	4951' - 0.75
1162' - 0.75	2620' - 1.00	5451' - 1.50
1412' - 0.50	2712' - 1.25	5728' - 1.25
1661' - 0.25	2804' - 1.25	5837' - 1.00
1909' - 2.50	2891' - 1.00	6320' - 0.75
1971' - 1.75	3044' - 0.50	6820' - 0.75
2065' - 1.75	3199' - 0.75	7258' - 2.50
2160' - 2.00	3385' - 1.00	7415' - 1.50
2246' - 1.75	3478' - 1.25	

Sincerely,

Rebecca Edwards

Rebecca A. Edwards
Administrative Assistant

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 11th day of November, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

Treva Forrester

NOTARY PUBLIC

