

PATTERSON DRILLING COMPANY
P. O. DRAWER 1416
SNYDER, TEXAS 79550
915/573-1104

TO: BURLINGTON RESOURCES
P. O. BOX 51810
MIDLAND, TEXAS 79710-1810
ATTN: MR. TIM FRISENHAHN

RIG NO. 75
LEASE MULE DEER 36
WELL NO. STATE #8 Unit I
LOCATION 36-22s-33e
1650/s + 270/E
COUNTY LEA, NEW MEXICO
30-025-33823

THE FOLLOWING SURVEYS WERE RAN ON THE ABOVE LEASE.

DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE
383	0.5	276	0.25	4249	1.75
823	0.75	513	0.25	4343	2.75
1323	0.5	772	0.25	4500	2.25
1812	1.25	911	0.75	4704	1.75
2098	1.5	1223	1	4973	0.5
2098	2.25	1540	1	5408	0.25
2285	2	1845	1	6059	1.5
2432	2.5	2130	1	6214	1.25
2727	2.75	2408	1	6618	1
2912	2.25	2691	0.5	7021	0.75
3090	2.25	2920	0.25	7448	1
3316	1.5	3266	1	7853	0.75
3494	1.5	3573	2	8301	1
3968	6.25	3603	2.25	8756	1.5
3999	6.75	3702	1.75	9088	1.75
3613	1.75	3749	1.75		
3643	2.5	3903	1.75		
3674	2	4000	2		
3613	1.75	4186	2		

PATTERSON DRILLING COMPANY
BY David Cain
DAVID CAIN

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15th DAY OF April 1997
BRENDA A. BILLINGSLEY
Exp. 12-14-98
NOTARY PUBLIC
MY COMMISSION EXPIRES 12-14-98 SCURRY COUNTY, TEXAS