

September 26, 1997

WELL NAME AND NUMBER: State 16 #1-y
LOCATION: SEC 16 T9S R37E
OPERATOR: COBRA OIL & GAS CORP.
DRILLING CONTRACTOR: PATTERSON DRILLING CO.

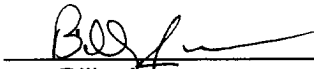
Unit P
330/S + 940/E
30-025-34070

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREE AND DEPTH</u>			<u>DEGREE AND DEPTH</u>			<u>DEGREE AND DEPTH</u>		
0.25	174		0.75	5969	S70W	2.25	11273	N85E
0.50	383		0.50	6466	N30W	2.00	11365	N95E
0.50	679	N10W	0.50	6945	S80W	2.50	11520	S85E
0.25	1639	N35E	0.75	7361	S10W	2.25	11613	N59E
0.75	2149	N60E	0.50	7744	N28E	3.50	11792	N41E
0.25	2469	N5W	0.25	8255	S85W	4.50	11858	N45E
0.50	2979	S67W	0.50	9054	N65W	5.00	11919	N40E
0.50	3233	N60W	1.25	9543	S80W	4.50	11981	N55E
0.75	3616	N5W	0.75	9794	S80W	4.00	12042	N30E
0.50	3999	S85E	0.25	10080	N30W	3.50	12103	N64E
1.00	4283	N3W	1.00	10311	S52E	3.25	12197	N60E
0.50	4533	N30W	1.75	10614	S85E	2.00	12383	N58E
0.75	5042	N	2.75	11024	S60E	1.50	12540	S75E
0.75	5521	N35W	3.00	11179				

Drilling Contractor: PATTERSON DRILLING CO.

By:


Billy Jensen

Subscribed and sworn to before me this 26th day of September

My Commission Expires:
June 30, 2001


Mary G. Henson

