

PATTERSON DRILLING COMPANY
P. O. DRAWER 1416
SNYDER, TEXAS 79550

RIG # 18

AMERADA HESS CORPORATION
P. O. BOX 2040
HOUSTON, TEXAS 77252-2040

30-025-33540

THESE FOLLOWING SURVEYS WERE RAN ON THE VINSON #1, SEC 4, T20S, R38E
LEA CO., NEW MEXICO *Unit N 330/S & 2310/W*

DEPTH	DEGREE		DEPTH	DEGREE	
420	0%		8741	1	
815	0.5		9300	1.75	
1415	0.5				
1895	0.75				
2495	1.75				
3090	1.5				
3590	0.5				
3995	1				
4500	1.25				
4880	0.75				
5486	1				
5963	1.5				
6440	0.75				
6947	0.5				
7422	0.5				
7959	1.25				

DRILLING CONTRACTOR PATTERSON DRILLING COMPANY

BY

David Cain

SUBSCRIBED AND SWORN TO BEFORE ME THIS ~~DAY~~ 31st DAY OF December
199 6

Neve Bufkin
NOTARY PUBLIC

MY COMMISSION EXPIRES 10-11-97

SCURRY COUNTY TEXAS

