

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

TO: ROY WHEELER AMERADA HESS
P. O. BOX 840
SEMINOLE, TX 79360

RIG # 71
DATE 11/9/97
LEASE TURNER A
WELL # A-15 Unit I
COUNTY LEA, NEW MEX.
LEGAL SEC 18, T-20S
R38E

THE FOLLOWING SURVEYS WERE RUN ON THE ABOVE LEASE.

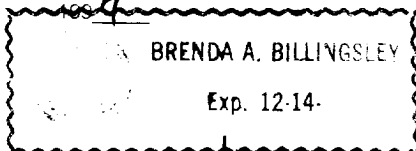
2160/5 & 990/E
30-025-34143

DEPTH	DEGREE		DEPTH	DEGREE		DEPTH	DEGREE	
440	1/2							
939	1/2							
1438	1/2							
1488	1/2							
1844	1/2							
2323	1/2							
2770	1/2							
3218	1/2							
3665	1/2							
4112	1							
4559	1 1/4							
5007	1							
5485	1							
5957	1							
6377	1							
6825	3/4							
7205	3/4							
7728	1							

DRILLING CONTRACTOR PATTERSON DRILLING COMPANY

BY Daniel Cain
DAVID CAIN-ASST. DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10th DAY OF November



Brenda A. Billingsley
NOTARY PUBLIC

MY COMMISSION EXPIRES 12-14-98

SCURRY COUNTY TEXAS