

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

TO: RELIANCE OPERATING
P. O. BOX 10946
MIDLAND, TX 79702

RIG NO.	8
LEASE	FEDERAL D
WELL NO.	3
LOCATION	SEC 31, T-9-S
	R-36-E
COUNTY	LEA, NEW MEX.

THE FOLLOWING SURVEYS WERE RUN ON THE ABOVE LEASE.

DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE
262	1/4	9109	1/2		
422	1	9408	1/2		
890	1/2	9901	3/4		
1368	1	10443	3/4		
1868	3/4	10935	3/4		
2180	1	11159	3/4		
2705	1	11560	1 1/4		
3199	1/2				
4084	3/4				
4470	3/4				
4960	1/4				
5460	3/4				
6160	1/2				
6650	1/4				
7123	1/2				
7480	1/2				
7997	1/4				
8313	3/4				
8631	3/4				

PATTERSON DRILLING COMPANY

BY: David Cain
DAVID CAIN

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29th DAY OF October 1997

Brenda A. Billingsley
NOTARY PUBLIC

MY COMMISSION EXPIRES 12-14-98

SCURRY COUNTY, TEXAS

