

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

TO: COBRA OIL & GAS
P. O. BOX 8206
WICHITA FALLS, TX 76307-8206

RIG # 19
COUNTY LEA, NEW MEXICO
LEASE STATE 19
WELL NO 1 Unit 6
DESCRIPTION 19-245-33P

1865 N 4 2165 E

THE FOLLOWING SURVEYS WERE RUN ON THE ABOVE MENTIONED LEASE.

30-025-33717

DEPTH	DEGREE		DEPTH	DEGREE		DEPTH	DEGREE
426	0.75		9001	3.5			
655	0.5		9096	2.75			
1042	0.25		9190	2.75			
1542	0.5		9285	1.75			
2013	0.5		9409	1.25			
2512	0.25		9535	1.25			
3012	0.5		9694	0.5			
3483	1		9818	0.75			
3973	1		9980	1			
4471	1		10263	0.5			
4971	1.25		10732	0.5			
5468	1.25		10732	0.5			
5940	0.75		11402	1.25			
6420	0.75		11704	2			
6912	1		11924	0.75			
7381	2		12394	1.75			
7882	2		12480	2			
8375	4		12966	1.25			
8406	3.75		14145	0.75			
8500	4		14480	0.5			
8593	4.5		14775	1.25			
8657	3.75		15035	0.75			
8720	3		15286	0.5			
8783	3.5						
8845	3.75						
8907	3.5						

DRILLING CONTRACTOR PATTERSON DRILLING COMPANY

BY

David Cain

DAVID CAIN/ASST. DRILLING SUPERINTENDENT

ME THIS

23rd

DAY OF

June

199

BRENDA A. BILLINGSLEY

Exp. 12-14-98

NOTARY PUBLIC

Brenda A. Billingsley

MY COMMISSION EXPIRES

12-14-98

SCURRY

COUNTY

TEXAS