

Handwritten initials

RECEIVED

SEP 27 1991

**OIL CON. DIV
DIST. 3**

PROTocom
P.O. BOX 55
FARMINGTON, NEW MEXICO 87499-0055

HOLE DEVIATION SURVEY

OPERATOR: CNG PRODUCING COMPANY
WELL NAME: GRASSY CANYON # 3
WELL LOCATION: 2430'FEL, 815'FNL SURFACE LOCATION
1690'FEL, 945 FNL BOTTOM HOLE LOCATION
NE SEC 31, T32N, R7W, SAN JUAN COUNTY, N.M.

GENTLEMEN:

FOUR CORNERS DRILLING COMPANY AND BIG A WELL SERVICE RAN DEVIATION SURVEYS DURING THE DRILLING AND COMPLETION OF THE SUBJECT WELL AND OBTAINED THE FOLLOWING RESULTS:

FROM	TO MD	TO TVD	DEVIATION DEGREE	DIRECTION
0'	154'	154'	1/2	
154'	275'	275'	1/2	
275'	450'	450'	1	S52E
450'	524'	524'	2	S70E
524'	676'	675'	21 1/2	S78E
676'	864'	862'	8 & 45 SEC	S85E
864'	1168'	1159'	16 & 45 SEC	S87E
1168'	1513'	1480'	24 & 15 SEC	S90E
1513'	1985'	1914'	22 & 40 SEC	S82E
1985'	2455'	2352'	16 & 45 SEC	S68E
2455'	2704'	2592'	15	S67E
2704'	3072'	2951'	8	S70E
3072'	3258'	3135'	3 & 15 SEC	S79E
3258'	3394'	3272'	2	S65E
3394'	3711'	3589'	2	S65E

W.B. Martin, Jr.
W.B. MARTIN, JR

SUBSCRIBED AND SWORN TO ME THIS 27 DAY OF Sept, 1991.

MY COMMISSION EXPIRES: 9-11-95

NOTARY PUBLIC: Cathy Foy