

HALLADOR PETROLEUM, LLP

DEVIATION REPORT

NAME OF COMPANY		ADDRESS			
HALLADOR PETROLEUM, LLP		1660 LINCOLN ST., SUITE 2700, DENVER, CO 80264			
LEASE	WELL NO	UNIT LETTER	SECTION	TOWNSHIP	RANGE
HORTON	2	A B	22	32N	11W
POOL		COUNTY			
BLANCO-MESAVERDE		SAN JUAN, NEW MEXICO			

DEPTH

106'
230'
784'
1251'
1754'
2181'
2651'
3155'
3510'

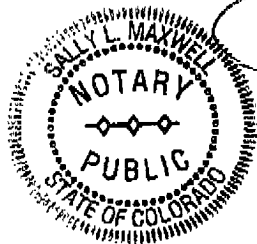
DEVIATION

1/2°
3/4°
3/4°
1°
3/4°
1/4°
1/2°
1/2°
1/2°

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Hallador Petroleum, LLP, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to before me on this the 29th day of September, 2000.



[Signature]
Sally L. Maxwell
Notary Public

My commission expires: May 12, 2001

Cementing Systems

Spacer System: 20 bbls .

Fresh Water

Cement System: 145 sks.

Class B + 2% S1 + 0.25 pps D29

Mix Weight	:	15.6	PPG
Yield	:	1.19	cu.ft./sk.
Mix Water	:	5.19	gal./sk.
Thickening Time	:	2:30	psi in 12 hrs.
Comp. Strength	:	1,000	psi in 12 hrs.

Performance parameters for cement systems recommended are typically taken from existing laboratory data. In some cases, data exist which duplicate the recommended systems and job environment, but when those data do not exist, extrapolations are made from data which most closely match the anticipated conditions. Sufficient lead-time should always be allowed, so that pilot samples/field blends can be run to verify system performance parameters, before actually pumping the job.

Notice: