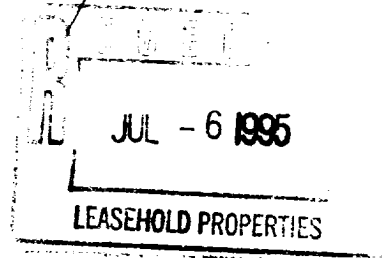


FOUR CORNERS DRILLING CO.

P. O. BOX 1067
5651 U.S. HWY. 64
FARMINGTON, NEW MEXICO 87499

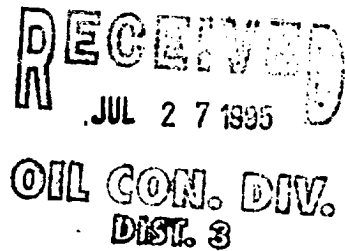
TELEPHONE: (505) 326-3371
FAX: (505) 326-3370



June 23, 1995

Williams Production
Mark McAllister
295 Chipeta Way
Salt Lake, UT 84108

**RE: Deviation report on the Rosa Unit 146,
Section 28, Township 31N, Range 5 W
Rio Arriba County, New Mexico**



Gentlemen:

Below is the deviation report for your Rosa Unit 146 Well.

152'	$\frac{3}{4}^{\circ}$	4941'	$4\frac{3}{4}^{\circ}$
266'	$1\frac{1}{4}^{\circ}$	5014'	$4\frac{3}{4}^{\circ}$
510'	$\frac{3}{4}^{\circ}$	5045'	$4\frac{1}{2}^{\circ}$
1031'	1°	5101'	$4\frac{1}{2}^{\circ}$
1523'	1°	5164'	$4\frac{1}{2}^{\circ}$
2027'	$1\frac{1}{2}^{\circ}$	5227'	$4\frac{3}{4}^{\circ}$
2524'	$2\frac{1}{4}^{\circ}$	5259'	$4\frac{1}{2}^{\circ}$
3061'	$2\frac{1}{4}^{\circ}$	5291'	$4\frac{1}{2}^{\circ}$
3458'	$2\frac{1}{4}^{\circ}$	5322'	$4\frac{1}{2}^{\circ}$
3645'	$1\frac{1}{4}^{\circ}$	5386'	$4\frac{1}{4}^{\circ}$
3778'	$\frac{3}{4}^{\circ}$	5448'	$4\frac{1}{4}^{\circ}$
4030'	$1\frac{1}{4}^{\circ}$	5540'	4°
4532'	$4\frac{1}{4}^{\circ}$	5634'	$4\frac{1}{4}^{\circ}$
4627'	$4\frac{1}{2}^{\circ}$	5697'	4°
4699'	$4\frac{3}{4}^{\circ}$	5791'	$4\frac{1}{4}^{\circ}$
4722'	$4\frac{1}{2}^{\circ}$	5885'	$3\frac{3}{4}^{\circ}$
4753'	$4\frac{3}{4}^{\circ}$	5980'	$3\frac{3}{4}^{\circ}$
4785'	$4\frac{3}{4}^{\circ}$	6199'	4°
4877'	$4\frac{3}{4}^{\circ}$		

Sincerely,

FOUR CORNERS DRILLING COMPANY

A handwritten signature in cursive script, appearing to read "Gary Miller".

Gary Miller
Drilling Superintendent

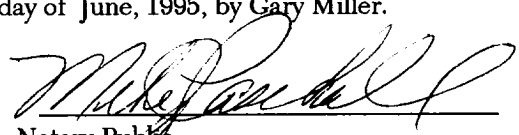
GM/tdd

June 23, 1995
Rosa Unit 146
PAGE 2

Acknowledgement

State of New Mexico)
) s.s.
County of San Juan)

The foregoing instrument was acknowledged before me this 23rd day of June, 1995, by Gary Miller.



Notary Public

My Commission Expires : 8-27-98
(seal)

WELLBORE DIAGRAM ROSA UNIT #146 MV

LOCATION: 895' FSL, 1850' FWL
SE/4 SW/4 SEC. 28, T31N, R5W
RIO ARRIBA, Co., NM
ELEVATION: 6507' GR
KB: 12'

TOPS:

NACIMIENTO	N/A
OJO ALAMO	2660'
KIRTLAND	2793'
FRUITLAND	3167'
PICTURED CLIFFS	3403'
LEWIS	3666'
CLIFF HOUSE	5574'
MENEFEE	5623'
POINT LOOKOUT	5820'
MANCOS	6044'

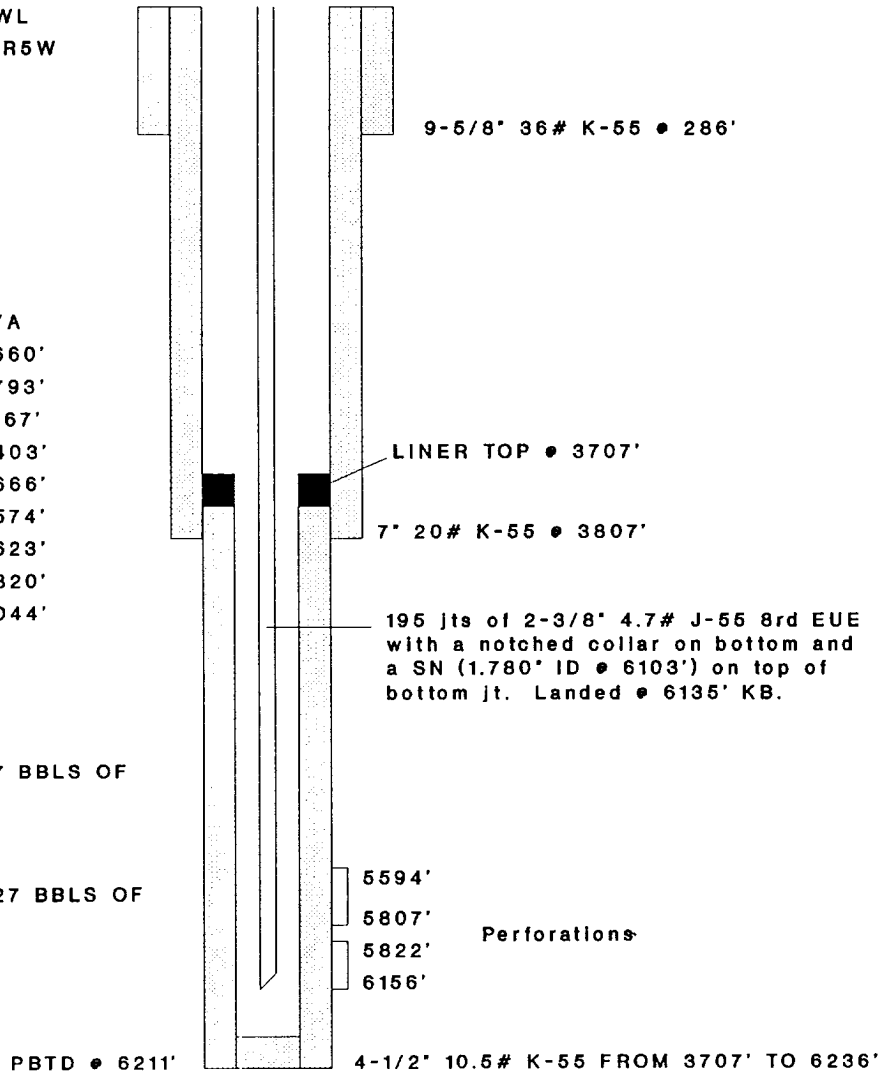
STIMULATION

MENEFEE/CLIFF HOUSE

5594' - 5807'
84,460# OF 20/40 IN 1747 BBLS OF
SLICK WATER

POINT LOOKOUT

5822' - 6156'
120,000# OF 20/40 IN 2427 BBLS OF
SLICK WATER



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	150 SX	177 CU.FT.	SURFACE
8-3/4"	7" 20#	611 SX	1061 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	250 SX	433 CU.FT.	LINER TOP