

ARAPAHOE DRILLING CO.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
GENERAL MANAGER

July 22, 1982

Apache Federal #8E
Section 8, Township 24 North, Range 5 West
Rio Arriba County, New MexicoDEVIATION RECORD

DATE	DEPTH	DEVIATION
7-07-82	527'	1-1/4
7-08-82	1527'	2
7-08-82	2079'	1-3/4
7-08-82	2173'	1-1/4
7-09-82	2789'	1-1/4
7-10-82	3312'	1
7-10-82	3808'	1
7-12-82	4332'	1
7-14-82	5355'	1
7-16-82	6187'	1
7-18-82	6856'	1-1/4

ARAPAHOE DRILLING CO.

Steve Schalk
General ManagerSTATE OF NEW MEXICO
COUNTY OF BERNALILLOSubscribed and sworn to before me, a Notary Public,
this 23rd day of July, 1982, by Steve Schalk,
General Manager of Arapahoe Drilling Co.OFFICIAL SEAL
LOIS CUNNINGHAM