

MARATHON OIL COMPANY
DRILLING OPERATIONS PLAN

DATE: April 10, 1980

WELL NAME: Ohio "A" Gov't. #2-E

LOCATION: 1,570' FSL & 1,660' FWL, Unit K, Sec. 23, T28N, R11W, San Juan Co., NM

1. Geologic name of the surface formation:
Nacimientos
2. Estimated tops of important geological markers:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Nacimientos	Surface	
Farmington	869'	(+4,696')
Fruitland	1,267'	(+4,298')
Pictured Cliffs	1,516'	(+4,049')
Lewis Shale	1,617'	(+3,948')
Cliff House	3,055'	(+2,510')
Menefee	3,287'	(+2,278')
Point Lookout	3,897'	(+1,668')
Mancos	4,210'	(+1,355')
Gallup	5,086'	(+ 479')
Basal Niobrara	5,366'	(+ 199')
Sanastee	5,506'	(+ 59')
Greenhorn	5,874'	(- 309')
Graneros	5,935'	(- 370')
Dakota	6,055'	(- 490')
T.D.	6,300'	(- 735')

3. Estimated depths at which oil, water, gas or other mineral bearing formations are expected to be encountered:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>	<u>Content</u>
Farmington	869'	(+4,696')	Gas and Water
Fruitland	1,267'	(+4,298')	Gas and Coal
Pictured Cliffs	1,516'	(+4,649')	Gas and Water
Menefee	3,287'	(+2,278')	Coal
Gallup	5,086'	(+ 479')	Oil
Dakota	6,055'	(- 490')	Gas; Primary objective