

WELL NAME WARREN UNIT NO. 66 FIELD NMFU DATE 3/5/80
 AFE NO. ELEV. EST. GRD 3568' KB 3580' PROPOSED TD 6420'
 LOCATION (SURF.) 660' FNL & 660' FWL OF SEC 25 T-20S R-38E
 COUNTY LEA STATE NM SPACING
 LOCATION (BOTTOM HOLE) Same as surface

GEOLOGICAL ESTIMATES

<u>ZONE</u>	<u>TOP</u>	<u>THICKNESS</u>	<u>CONTENT</u>	<u>ZONE</u>	<u>TOP</u>	<u>THICKNESS</u>	<u>CO:</u>
Water	50'-150'		Water	Glorieta SS.	5597'		
Rustler Anhy.	1600'		-	Blinebry Mkr(-2485')			
Top Salt	1680'		-	Dolo.	6065'		O,W,G
Base Salt	2760'		-				
Yates SS.	2900'		-				
Seven Rvrs. Dol.	3160'		-				
Queen SS.	3720'		-				
San Andres Dol.	4300'		-				

<u>CORING NO.</u>	<u>TYPE</u>	<u>HORIZON</u>	<u>INTERVAL FROM-TO</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
-------------------	-------------	----------------	-------------------------	----------------	----------------

NONE

DRILL STEM TESTSWATER SHUT OFF TESTS

<u>NUMBER</u>	<u>HORIZON</u>	<u>NUMBER</u>	<u>HORIZON</u>	<u>NUMBER</u>	<u>HORIZON</u>	<u>NUMBER</u>	<u>HORIZON</u>
---------------	----------------	---------------	----------------	---------------	----------------	---------------	----------------

NONE

WELL SURVEYS (List types by code numbers as follows: Directional and/or Deviation (1) Deflection (2) Caliper (3) Temperature (4) Electrical (5) Radioactive (6) Geolograph (7) Photoclinometer (8) Mudlogging (9) Other (10) and name of that type.)

<u>DEPTH POINTS</u>	<u>TYPE</u>	<u>HOLE SIZE</u>	<u>REMARKS</u>
0-6420'	(1) Deviation	12-1/4" & 7-7/8"	One every 250' to base of salt, One every 500' thereafter.
0-6420'	(7) Geolograph	12-1/4" & 7-7/8"	
4420'-6420'	(5) DLL-GR	7-7/8"	2" & 5" Scales
4420'-6420'	(6) FDC-CNL-GR-Caliper	7-7/8"	2" & 5" Scales (Caliper-TD to 1650')
6000'-6420'	(6) PDC (GR-COLLAR)	5-1/2" Casing	Depth Control

FUEL AND WATER (SOURCE)

Conoco to furnish water, contractor to furnish fuel.

PROPOSED WELL PLAN

WELL NAME	WARREN UNIT NO.66	FIELD	NMFU
<u>ATTACHMENT</u>	<u>NO.</u>	<u>REQUIRED</u>	<u>NOT REQUIRED</u>
CASING CENTRALIZERS, SCRATCHERS	_____	X	_____
CEMENTING	_____	X	_____
MUD PROGRAM	_____	X	_____
WELL PLAN OUTLINE	_____	X	_____
PORE PRESSURE - FRAC GRADIENT	_____	_____	_____
PROJECTED PROGRESS	_____	_____	_____
CROSS SECTION OR WELL COURSE	_____	_____	_____
HYDRAULICS PROGRAM	_____	_____	_____
BIT PROGRAM	_____	_____	_____
VENDER USAGE LIST	_____	_____	_____

DRILLING AND COMPLETION PROCEDURE

1. 0'-1650' - Drill a 12-1/4" hole. Run and cement 8-5/8" casing. (See casing and cementing programs) WOC 18 hours. Pressure test casing to 600 psi for 30 mins. Drill out.
2. 1650'-6420' - Drill a 7-7/8" hole. Drill out shoe and test formation to 300 psi. Condition mud and run open hole logs. Run and cement 5-1/2" casing. (See cement and casing programs)
3. Detailed completion procedure to be prepared after open hole logs are analyzed. Anticipate a Blinbry completion with perforating and fracturing.