

WELL NAME FEDERAL 34 NO. 2 FIELD SPRINGS DATE 1/24/80
 AFE NO. ELEV. EST. GRD 3226' KB 3240' PROPOSED TO 10,500
 LOCATION (SURF.) 2310' FNL & 1290' FEL OF SEC 34 T 20S R 26E
 COUNTY EDDY STATE NM SPACING
 LOCATION (BOTTOM HOLE)

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>
QUEEN	267'		Non Prod	2nd BONE SPRING SS.	5780'		Oil
SAN ANDRES	1305'		Non Prod	3rd BONE SPRING SS.	7110'		Oil
DELAWARE SAND	1840'		Non Prod	WOLFCAMP LS.	7500'		Gas
BONE SPRINGS LS.	2400'		Oil	CISCO DOL.	8015'		Gas
1ST BONE SPRING SS.	5010'		Oil	MORROW SS.	10,065'		Gas
				BARNETT SH	10,390'		Non Prod.

<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>
(1) 0'-TD	(1) Deviation	17-1/2", 12-1/4" & 7-7/8"	One every 500'
(2) 0'-TD	(6) Geolograph	17-1/2", 12-1/4" & 7-7/8"	
(3) 2800'-TD	(5) DLL-GR	7-7/8" Hole	2" & 5" Scales
(4) 2800'-TD	(6) GR-CNL-FDC-Cal.	7-7/8"	2" & 5" Scales
(5) 7900'-TD	(10) Dipmeter	7-7/8"	
(6) 8015'; 8025'; 10,200'; 10,300'	(10) RFTT	7-7/8"	
(7) 2800'-TD	(4) Temperature	5-1/2" Casing	To determine top of cement
(8) 7900'-TD	(6) GR-PDC	5-1/2" Casing	Depth Control

FUEL AND WATER (SOURCE)

Fuel supplied by contractor, water supplied by Conoco.