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APPROVED BY	TITLE DATE
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JAMES A. CILLHAM	
DISTRICT SUPERVISOR	
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APPLICATION FOR PERMIT TO DRILL

3.

MESA PETROLEUM CO. CHINA FEDERAL #13 2310' FSL & 990' FWL, SEC 20, T7S, R23E CHAVES COUNTY, NEW MEXICO

LEASE NO. NM-36648

In conjunction with Form 9331-C, Application For Permit to Drill subject well, the following additional information is provided:

1. Applicable portions of the <u>GENERAL REQUIREMENTS FOR OIL AND GAS</u> <u>OPERATIONS ON FEDERAL LEASES</u>, Roswell District, Geological Survey of September 1, 1980 will be adhered to.

2.	Geological markers are	estimated as follows:
	SEVEN RIVERS	Surface
	SAN ANDRES	
	GLORIETA	498
	TUBB	2048
	ABO	2789

3. Hydrocarbon bearing strata may occur in the Abo formation(s). No fresh water is expected to be encountered below 1400'.

4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. See Exhibit VI. Anticipate drilling with air or foam using ram type preventer and rotating head for well control. The 8 5/8" casing will be set at approximately 1400' to protect any fresh water zones and cemented to the surface. The 4 1/2" production casing will be set at total depth or shallower depending upon the depth of the deepest commercial hydrocarbon bearing strata encountered. Sufficient amounts and kinds of cement would be used to ensure any water, gas, or oil zones encountered are isolated and shut off down to the casing point if run.

5. No drill stem test or coring program is planned. The logging program may consist of a GR-CNL from surface total depth and FDC from casing point to total depth.

6. Anticipated drilling time is ten days with completion operations to follow as soon as a completion unit is available.







BRUCE KING

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

July 5, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

RECEIVED

JUL 1 3 1982

O. C. D. ARTESIA, OFFICE

Attention: R. E. Mathis

Mesa Petroleum Co. Vaughn Building

Midland, Texas 79701

Administrative Order NSL-1554

Gentlemen:

Suite 1000

Reference is made to your application for a non-standard location for your China Federal Well No. 13 to be located 2310 feet from the South line and 990 feet from the West line of Section 20, Township 7 South, Range 23 East, NMPM, Abo Gas, Chaves County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY, Director

JDR/RLS/dr

cc:

Oil Conservation Division - Artesia Oil & Gas Engineering Committee - Hobbs Minerals Management Service - Artesia

NSh - 1554 upproved