

NM OIL CONS. COMMISSION
Drawer DD
Artesia UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.
NM-36648

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CHINA FEDERAL

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED ABO

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
SEC 19, T7S, R23E

12. COUNTY OR PARISH
CHAVES

13. STATE
NEW MEXICO

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐RECEIVED PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MESA PETROLEUM CO. ✓

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4483

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FNL & 500' FWL SW 1/4 NW 1/4 E

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

26 miles Northwest of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 500' / 500'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1200'

16. NO. OF ACRES IN LEASE

2457.68

19. PROPOSED DEPTH

3400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3983' GR

22. APPROX. DATE WORK WILL START*

JUNE 13, 1982

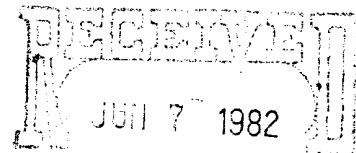
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1400'	700/300 SURFACE
7 7/8"	4 1/2"	10.5#	3400'	300 COVER ALL PAY

Propose to drill 12 1/4" hole to approximately 1400' to set 8 5/8" surface casing and cement to surface. Will nipple up ram type BOP's and reduce hole to 7 7/8" to drill to total depth. Drilling medium will be air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient kinds and amounts to isolate and seal off any fresh water, oil or gas zones encountered.

Operator's Gas Sales are dedicated.

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, FILE, (PARTNERS)
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

REGULATORY COORDINATOR

DATE

6-4-82

(This space for Federal or State Office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUN 10 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CILLHAM
DISTRICT SUPERVISOR

NM OIL APPROVAL FOR NON-STD. LOCATION.

Pasted ID-1
APR 25 1982
6-25-82

All distances must be from the outer boundaries of the Section.

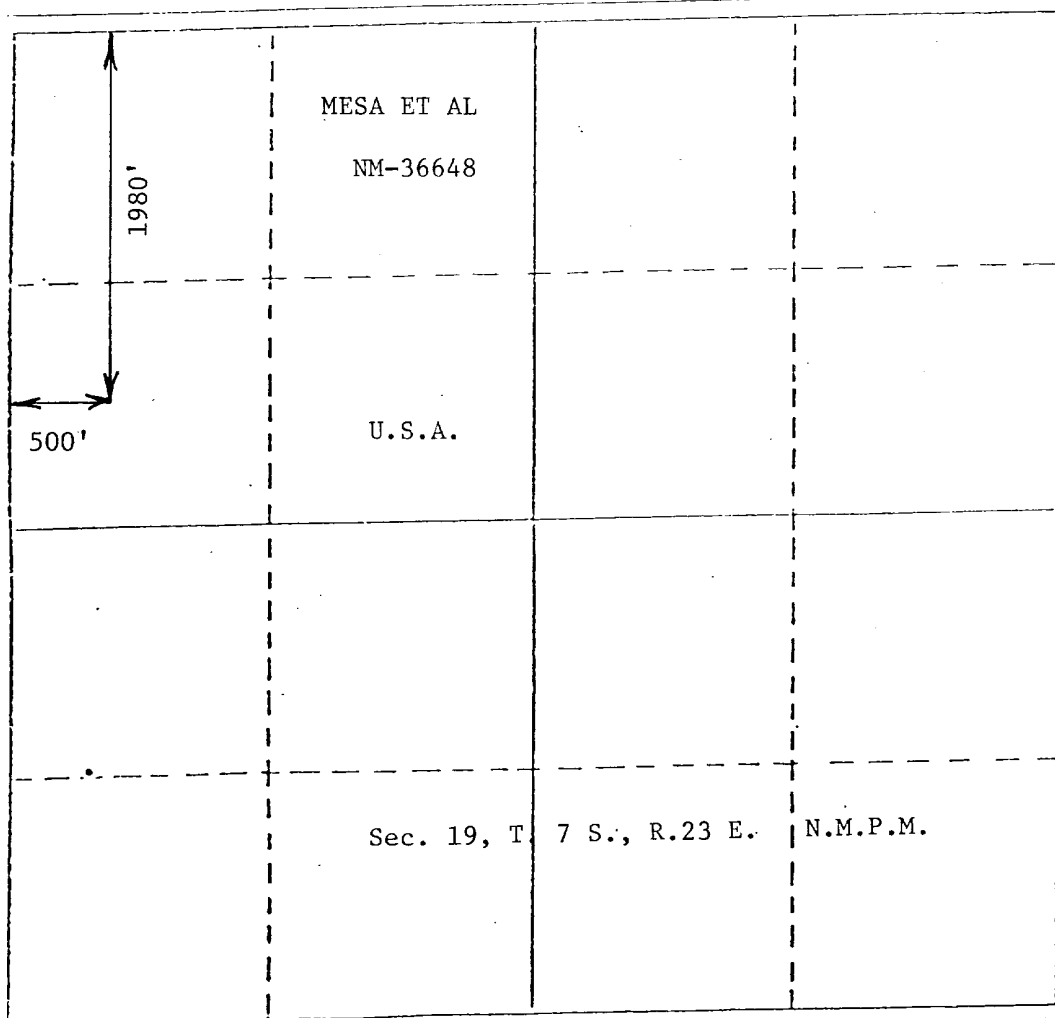
Operator Mesa Petroleum Co.		Lease China Federal		Well No. 12
Unit Letter E	Section 19	Township 7 S.	Range 23 E.	County Chaves
Actual Postage Location of Well: 1980 feet from the North line and 500 feet from the West line				
Ground Level Elev. 3983	Producing Formation ABO	Pool UNDESIGNATED	Dedicated Acreage: NE/4 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. E. Mathis

Name

R. E. MATHIS

Position

REGULATORY COORDINATOR

Company

MESA PETROLEUM CO.

Date

JUNE 4, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

June 2, 1982

Registered Professional Engineer and/or Land Surveyor

John D. Jaquers
Certificate No. **6280**

APPLICATION FOR PERMIT TO DRILL

MESA PETROLEUM CO.
CHINA FEDERAL #12
1980' FNL & 500' FWL, SEC 19, 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 GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, Roswell District, Geological Survey of September 1, 1980 will be adhered to.

2. Geological markers are estimated as follows:

SEVEN RIVERS	Surface
SAN ANDRES	Surface
GLORIETA	463
TUBB	2013
ABO	2754

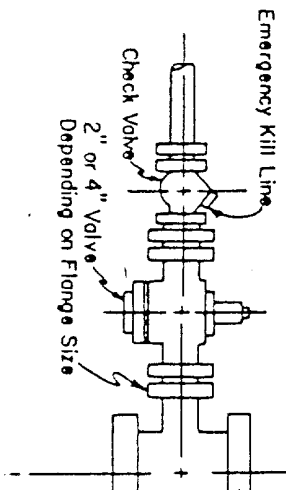
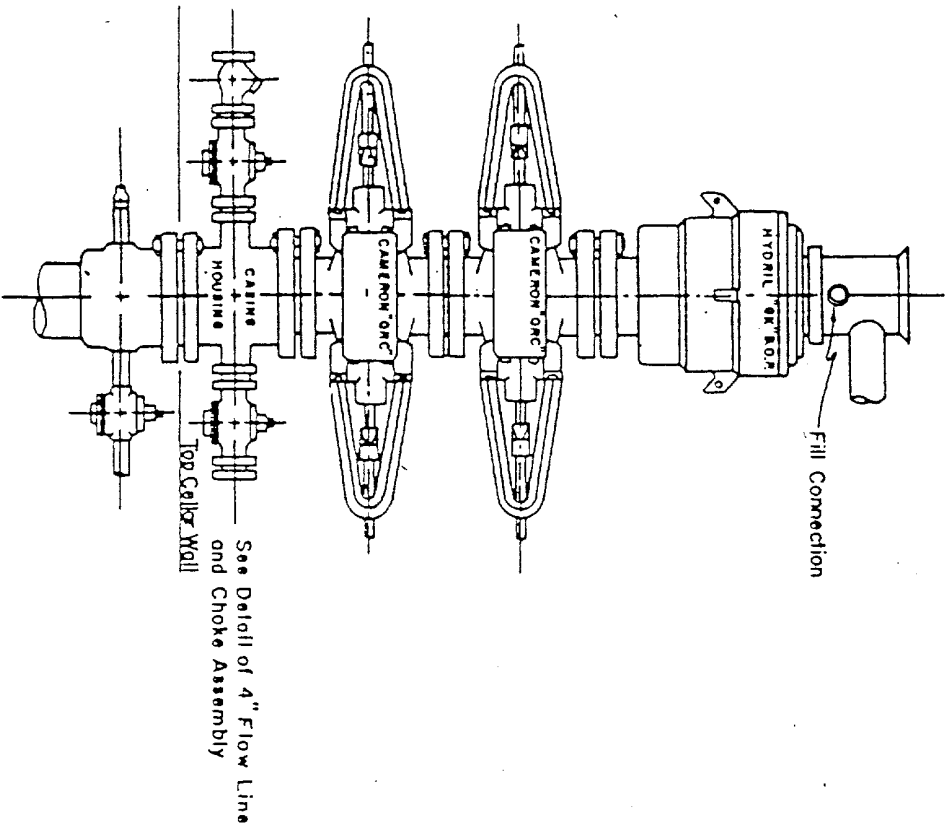
3. Hydrocarbon bearing strata may occur in the Abo formation(s). No fresh water is expected to be encountered below 1400'.

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.

Blow-out



3,000
KILL

DETAIL

Minimum assembly for 3,000 PSI with
The bottom and middle preventers in

NOTE: HYDRIL not installed on
RAM type BOPs are API

3,000 PSI WORKING PRESSURE
BLOW-OUT PREVENTER HOOK-UP



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

June 30, 1982

POST OFFICE BOX 2081
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

RECEIVED

JUL 13 1982

O. C. D.
ARTESIA, OFFICE

Mesa Petroleum Co.
Vaughn Building
Suite 1000
Midland, Texas 79701

Attention: R. E. Mathis

Administrative Order NSL-1548

Gentlemen:

Reference is made to your application for a non-standard location for your China Federal Well No. 12 to be located 1980 feet from the North line and 500 feet from the West line of Section 19, 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

NSL-1548
Approved
6-30-82