



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Conservation Division
P. O. Box 2614
Albuquerque, New Mexico 87125

Cleary Petroleum Corporation
P. O. Drawer 2358
Midland, Texas 79702

Gentlemen:

Your Application for Permit to Drill well No. 2 New Mexico Federal "A" in Lot 7, sec. 4, T. 21 S., R. 32 E., Lea County, New Mexico, lease NM 14791, to a depth of 14,250 feet to test the Morrow formation in the Oil Potash area is hereby approved, as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the District Engineer, Geological Survey, Hobbs, New Mexico, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

JAMES W. SUTHERLAND
Oil and Gas Supervisor, SRMA

Enclosure

cc: Denver
Mining Branch (2)
NMOCC-Hobbs (2) (w/2 cys. Notice) ✓
Hobbs
Roswell (2)

RECEIVED

JUN 28 1977

OIL CONSERVATION COMM.
HORRIS, N. H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL ☐GAS ☒

WATER

SINGLE ZONE ☒MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Cleary Petroleum Corporation

4. ADDRESS OF OPERATOR

P. O. Drawer 2358, Midland, Texas 79702

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

At surface 1980' ENL & 1980' FEL

At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION E. M. NEAREST TOWN OR POST OFFICE*

5 miles SE of Halfway, New Mexico

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest driz. unit line, if any) 1980' to lease line

8. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR ABANDONED FOR, ON THIS LEASE, FT.

1800'

9. NO. OF ACRES IN LEASE

2282.84

10. PROPOSED DEPTH

14,250

11. ELEVATIONS (Show whether DP, RT, GL, etc.)

3673' GB

12. NO. OF ACRES ASSIGNED TO THIS WELL

320

13. ROTARY OR CABLE TOOTH

Rotary

14. APPROX. DATE WORK WILL START*

12-1-77

PROPOSED CASING AND CEMENTING PROGRAM

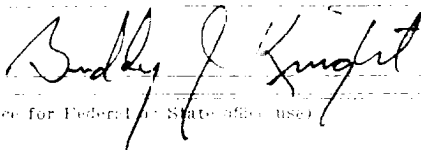
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	84.5#	470'	650 (circulate)
12 1/4"	9 5/8"	43.5 & 40#	5200'	3250 (circulate - 2 stages)
7 7/8"	5 1/2"	17 & 20#	14250'	675

See attached sheet for casing and cementing programs. The well will be drilled to a depth of 14,250' to test the Morrow Sands. Dual 1500 series ram type blowout preventers and one Hydril will be used.

IN ADDITIONAL 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 conditions and measured and true vertical depths. Give blowout preventer program, if any.

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DESIGNED BY



TITLE

District Production Mgr.

DATE

10-19-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONCURRENCE OF APPROVAL, IF ANY

RELEASED

" 20 1977 "

OIL CONSERVATION COMM.
HOBBS, N. M.