

DRAWER DD
Artes NM 88210SUBMIT IN **PLICATE***
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 15868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Empire West Unit

Fed Com

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Empire Morrow

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

Sec 25, T-17S R27E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

RECEIVED

FEB 18 1982

O. C. D.

ARTESIA, OFFICE

Rotary

22. APPROX. DATE WORK WILL START*

Feb 24, 1982

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	48#	400	circulate
12 1/2	8-5/8	24#	1950	circulate
7-7/8	4 1/2	11.6#	TD	

cement w/sulfate resistant cement
to cover all production zones

Mud Program: Native Mud 0-1950

Fresh water mud: 1950-6000' 8.6 lbs per gallon Vis 28

Water Loss NC

Brine water: 6000'-TD 9.2 lbs. per gallon Vis 37-38

Water Loss: 6-8 CC

B.O.P. Program: one (1) Hydril 10" Type B

one (1) Schaffer Double 10" Type B

Both 1500 series, Hydraulic operated

Gas: not dedicated

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.

SIGNED Robert LoydTITLE Production Superintendent DATE 1-20-82

(This space for Federal or State office use)

PERMIT NO. **APPROVED**

APPROVAL DATE

APPROVED BY **FEB 16 1982**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

DATE

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

Noted in
API + NL Books
2-16-82RECEIVED
JAN 25 1982OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO