

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20875

5. LEASE DESIGNATION AND SERIAL NO.
NM-0473362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
None

8. FARM OR LEASE NAME
DWU-Federal

9. WELL NO.
2

10. FIELD AND FLOOD, OR WILDCAT
+ 2nd Winchester-Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Unit F
Sec. 35-T19S-R28E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Dorchester Exploration, Inc. ✓

3. ADDRESS OF OPERATOR

1204 Vaughn Building, Midland, Texas 79701

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

At surface

1980 FNL and 1980 FWL Section 35-19S-28E

At proposed prod. zone

Lower Morrow-appros. same as surface location

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

12 miles NE of Carlsbad

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660 ft.

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

4174 ft.

19. PROPOSED DEPTH

11,300

20. ROTARY OR CABLE TOOLS

Rotary

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

3307 GR

22. APPROX. DATE WORK WILL START*

June 20

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8	48	App. 300'	Sufficient to circulate
12 1/4"	8 5/8	24	App. 3000'	Sufficient to circulate-see Note 1
7 7/8"	4 1/2	11.6 & 13.5	App. 11,300'	300 sacks

Note 1. If loss of circulation occurs due to encountering reef
Section, cementing will be two-stage with DV tool
located above loss circulation zone.

Blow out equipment: 900 series double ram hydraulic
900 Series Hydrill
Choke manifold

Mud Program: Fresh water or controlled brine as required to maintain
hole conditions to 8 5/8" casing point. Drill 7 7/8 hole
below intermediate casing with water displaced with 10#
brine at 8500 ft., converting to low water loss-salt
gel mud system at 10,600 ft. to T.D.

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

J. D. Cooper

TITLE

Engineer

DATE June 7, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
JUN 14 1973
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

TITLE

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
SEP 14 1973
*See Instructions On Reverse Side
EXPIRES