

M. M. O. C. C. COPY

SUBMIT IN 'PLICATE'
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

Southwestern Natural Gas, Inc. Agent for Paul M. Mershon, Jr.

3. ADDRESS OF OPERATOR

900 Building of the Southwest, Midland, Texas 79701

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

At surface

990' FNL & 990' FEL

At proposed prod. zone

Same

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

35 miles West of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED*

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

990'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

360

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7600'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

Immediately

23.

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#	200'	200 sk.
11"	8 5/8"	24#	2160'	1000sk.
7 7/8"	4 1/2"	10.5#	7600'	300 sk.

1. Drill 17 1/2" hole with water and spud gel to 200' and set 13 3/8" casing.
2. Drill to 2160' with water and set 8 5/8" Casing.
3. Drill to total depth of 7600' with water and fresh water mud and set 4 1/2" casing.

Unorthodox location
approved by WROCC
R-5737A

RECEIVED

JUL 24 1969

RECEIVED
JUL 23 1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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.

ARTESIA, OFFICE

SIGNED

Don C. Bennett

TITLE

Operations Manager

DATE

7-22-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL OPERATIONS

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

OCT 23 1969

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 5/8" CASING.

*See Instructions On Reverse Side