

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

W. A. Moncrief, Jr.

3. ADDRESS OF OPERATOR

400 Metro Building, Midland, Texas 79701

APR 10 '89

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

At surface 1980' FSL and 810' FWL

At proposed prod. zone 2310' 990'

Same

O.C.B.
ARTESIA, OFFICE

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

18 miles SW of Carlsbad

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 810' FWL of pro. unit (Also to nearest drig. unit line, if any)

660' FNL lease 54839

16. NO. OF ACRES IN LEASE

320

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.

none

19. PROPOSED DEPTH

10,800'

20. ROTARY OR CABLE TOOLS

Rotary

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

4122 4125 GR.

22. APPROX. DATE WORK WILL START*

ASAP

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"	68#	400'	as necessary to circulate
12 1/4" - 11"	8 5/8"	28# & 32#	2350'	as necessary to circulate
7 7/8"	4 1/2"	11.6# N-80	10,800'	as necessary & if necessary

(1) Proposed Drilling Program: See Exhibit #1

(2) The surface formation is Permian Seven Rivers

(3) Estimated tops are:

San Andres	1300'	3rd Bone Springs sand	7250'	Atoka	9,650'
Bone Springs lime	3735'	Wolfcamp	7925'	Morrow	10,065'
1st Bone Springs sand	4040'	Cisco Canyon lime	8400'	Morrow sand	10,175'
2nd Bone Springs sand	4915'	Strawn lime	9115'	Barnett	10,650'

(4) Blow out preventer specifications: See Exhibit #2

(5) No abnormal pressure zones are anticipated

(6) Duration of drilling estimated to be 35 days

(7) Acreage is not dedicated to a gas contract

(8) Possible gas zones are anticipated in the Atoka and Morrow sands between 9650' and 10,650'.

POST ID-1
LW & AP
11-12-89

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 Dan E. Thornton

TITLE Exploration Manager

DATE 3/20/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY James A. Forester
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

4-7-89

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side