

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUN 28 1982

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 BLDG., MIDLAND, TEXAS 79701

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

At surface

487' FNL and 1620' FWL

At proposed prod. zone
same

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

approximately 23½ miles SW of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED* 487' to N. line of
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any of W.I. Unit)16. NO. OF ACRES IN LEASE
128017. NO. OF ACRES ASSIGNED
TO THIS WELL
32018. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH
11,300'20. ROTARY OR CABLE TOOLS
Rotary

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

4639 GD

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48# K-55 ST&C	400'±	300 sack
11½"	8-5/8"	32# K-55 ST&C	3,000'±	1100 sack
7-7/8"	4½"	11.6# N-80 LT&C	11,300'±	350 sack

1. Proposed drilling program - See Exhibit #1
2. The surface formation is Permian Seven Rivers
3. Estimated tops: Delaware 2950'
Bone Spring Sand 5700'
3rd Bone Springs Sand 7575'
Canyon Lime 9500'
Atoka 9950'
Morrow Sand 10,450'
4. Blow out preventer specifications - see Exhibit #2
5. No abnormal pressure zones anticipated.
6. Duration of drilling estimated to be 45 days.
7. Acreage is dedicated to a gas contract.

Bone Springs Lime 5200'
2nd Bone Springs Sand 525'
Wolfcamp 9100'
Strawn Lime 9700'
Morrow 10,450'
Barnett 11,100'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present 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 Demery E. Morstead TITLE Exploration Manager

(This space for Federal or State office use)

APPROVED
(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JUN 23 1982

NSL-155/
JAMES A. CULHAU
DISTRICT SUPERVISOR

*See Instructions On Reverse Side