

FEB 12 1981

UNITED STATES
DEPARTMENT OF THE INTERIOR

ARTESIA, OFFICE

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

W.A. Moncrief, Jr.

3. ADDRESS OF OPERATOR

Ninth at Commerce, Fort Worth, Texas 76102

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

At surface

196' FNL and 1427' FEL

At proposed prod. zone
same

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

approximately 23 miles SW of Carlsbad, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) of WI unit

3853' to W. line

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

4242 Gd

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	2000
16"	13-3/8"	48# H40 ST (new)	350'	300 sax	circulate
11 1/2"	8-5/8"	24# K-55 & 24# S-80	2750'	1100 sax	circulate
7-7/8"	4-1/2"	11.6# N-80 and 11.6# N-80 buttress	11,000'	350 sax	

1. Proposed drilling program - See Exhibit #1
2. The surface formation is Permian Seven Rivers
3. Estimated tops: Delaware 2700'

Bone Spring Sand 5150'

3rd Bone Springs Sand 7600'

Canyon Lime 9150'

Atoka 9850'

Morrow Sand 10,350'

Bone Springs Lime 4900'

2nd Bone Springs Sand 6050'

Wolfcamp 8650'

Strawn Lime 9400'

Morrow 10,050'

Barnett 10,800'

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.

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

Rowley E. Sheraton

TITLE Exploration Manager

DATE 1-12-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) GEORGE H. STEWART

ACTING DISTRICT ENGINEER

FEB 10 1981

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

State Approval. Nonstandard Location - MSL 1312

MSL-1312
2-6-81

*See Instructions On Reverse Side