

NMOCC COPY

SUBMIT IN ☒ "PLICATE"
(Other instr. 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

W.A. Moncrief, Jr.

3. ADDRESS OF OPERATOR

Moncrief Building, 9th & Commerce, Fort Worth, Texas 76102

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

At surface

2310' FNL and 1980' FWL

At proposed prod. zone

Same

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

Approx. 62.2 miles

south and west of Artesia, N.M. (intersection of highways 82 & 285)

15. DISTANCE FROM PROPOSED*

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

2310'

18. DISTANCE FROM PROPOSED LOCATION*

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

None

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

4387.9

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13 3/8"	48# H40 STC (new)	350'	300 sacks circulate
11 1/2"	8 5/8"	24# K55 STC (new)	2300'	900 sacks
		and 24# S80 STC (new)	400'	
7 7/8"	4 1/2"	11.6# N80 Buttress (new)	3150'	
		and 11.6# N80 LTC (new)	7550'	350 sacks

Mud Program: See reverse side.

RECEIVED

MAY 27 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Gas not dedicated!

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

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 3 - 1977

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 3 - 1977

CONDITIONS OF APPROVAL, IF ANY:

subject to attached stipulations!

THIS APPROVAL IS RESCINDED IF OPERATIONS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

EXPIRES SEP 3 - 1977

*See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTINGDECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE CURED

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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Mud Program: Spud mud, gel and foam for surface hole. Drill intermediate hole with fresh water. If loss circulation is encountered, dry drill and flush hole with drilling gel and paper.

2700'-7000': Drill with fresh water, use paper for seepage if necessary, through Bone Springs.
7000'-8400': Mix sack salt as necessary to maintain 9.3-9.5 pounds of mud weight. Add 3%-5% KCL.

8400'-9700': Add soda ash as needed to treat total hardness below 600 PPM. Add Drispac and Starlose to maintain water loss at 10 cc's, viscosity 31-33, and weight 9.3-9.5 pounds.

9700'-TD: Drop water loss to 5 to 8 cc's using Drispac and Starlose. If higher viscosity is required, add sea mud.

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JUL 5 1977
O.C.C.
ARTESIAN OFFICE