

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21296

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

JACK J. GRYNBERG

3. ADDRESS OF OPERATOR

1050 - 17th Street, Suite 1950, Denver, CO 80202

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

At surface

2310 FEL 2310 FSL (NW SE)
At proposed prod. zone Section 29 T 17 S - R 25 E
(As Above)

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

Approx. 5 miles southwest of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

1500'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

May 2, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4	10 3/4	32#	150'+	Circulated
9 7/8	7	20#	1125'+	Circulated
6 1/4	4 1/2	9.5# & 10.5#	1500'+	Circulated

Proposed program is to drill 13 3/4" hole to 150'+ and run 10 3/4" casing to cover gravel and fine sands. Hole size will then be reduced to 9 7/8", and 7" casing will be set 100' below the artesian water zone. Hole size will be reduced to 6 1/4" to an estimated total depth of 1500' in the San Andres formation. All substantial shows will be properly evaluated, and E-logs will be run. If commercial production is indicated, a long string of 4 1/2" casing will be run, and a completion will be attempted.

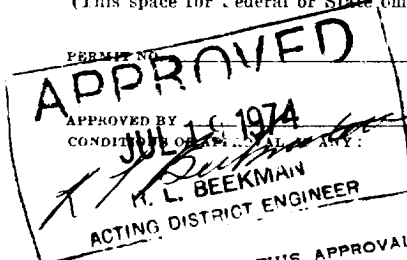
Rotary tools will be equipped with adequate blowout preventers. This equipment will be pretested prior to drilling, and tested daily with results recorded.

APR 10 1974

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 production 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 Cecil D. Gritz TITLE Petroleum Engineer DATE 4/3/74
(This space for Federal or State office use)



THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES OCT 19 1974

DECLARED WATER BARR
10 3/4"
2"
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
LESS CEMENTING THE 7" CASING