

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

YATES ENERGY CORPORATION

3. ADDRESS OF OPERATOR

1010 Sunwest Centre, Roswell, NM 88201

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

At surface

660' FSL - 1980' FWL

At proposed prod. zone 180

Same

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

40 miles west of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

640

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.

19. PROPOSED DEPTH

10,700'

20. ROTARY OR CABLE TOOLS

Rotary

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

4309' Gr.

22. APPROX. DATE WORK WILL START*

March 15, 1989

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"	54.5#-48#	800' - 1350'	750 sx. circulate
12 1/4"	8 5/8"	32#-24#	2550'	1100 sx. circulate
7 7/8"	5 1/2"	17#	TD	450 sx.

Yates Energy Corporation Proposes to drill and test the Morrow and intermediate formations. Approximately 800' of surface casing and 2550' of intermediate casing will be set and cemented to the surface. If commercial pay is encountered, will run 5 1/2" casing and cement with a minimum of 600' of cover, perforate and stimulate as needed for production.

MUD PROGRAM: Fresh water to 8300'; Cut brine to 9700';
Mud. Fresh water to TD.

BOP PROGRAM: BOP and Hydrill on 8 5/8" casing, pipe rams tested daily, and blind rams tested on trips.

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 Agent

DATE 2-2-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by Richard L. Morris

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side