

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-23778
5. LEASE DESIGNATION AND SERIAL NO.

NM - 14118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allison CQ Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Hoag Tank Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 23, T19s, R24e

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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 Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, NM 88210

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

At surface

1980' FNL & 660' FWL

At proposed prod. zone

same

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

25 miles SW of Artesia, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

approx. 9100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3648' GL

22. APPROX. DATE WORK WILL START*

ASAP

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"	48# J-55	approx. 350'	450 sx. circulate
12 1/4"	8 5/8"	24# J-55	approx. 1000'	620 sx. circulate
7 7/8"	4 1/2" or 5 1/2"	15.5 - 17#	TD.	400 sx.
		10.5 - 11.6#		

We propose to drill and test the Morrow and intermediate formations. Approximately 350' of surface casing will be set to shut off gravel and cavings, and intermediate casing will be set 100' below the Artesian Water Zone. If commercial will run 4 1/2" or 5 1/2" with 100' cement cover, will perforate and stimulate as needed for production.

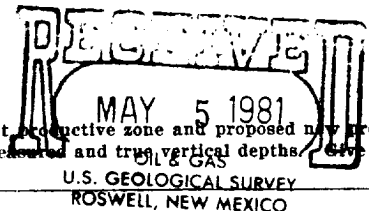
MUD PROGRAM: F. W. gel and LCM to 100', fresh water to 4000', 2% KCL water to 6300', starch-driskpak-KCL to 2200', starch-driskpak-KCL saltwater gel to TD.

BOP PROGRAM: BOP's and hydril will be installed on the 8 5/8" casing and tested daily.

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 Geographer

DATE 5-4-81

(This space for Federal or State office use)

APPROVED

PERMIT NO.

(Orig. Sgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY

MAY 7 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR