

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-61389

5. LEASE DESIGNATION AND SERIAL NO.

NM 3051

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hewitt "IM" Federal

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Fecos Slope  
Undesignated Abo11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

U-0

Sec. 25-T6S-R25E

12. COUNTY OR PARISH 13. STATE

Chaves

NM

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐RECOMBINED  
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

FEB 4 1982

3. ADDRESS OF OPERATOR

207 S. 4th, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 990' FSL & 1980' FELO.C.D.  
SW SE ARTESIA, OFFICE

At proposed prod. zone same

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

Approximately 32 miles NNE of Roswell, NM.

15. DISTANCE FROM PROPOSED\*

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

1980'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2100'

19. PROPOSED DEPTH

4250'

20. ROTARY OR CABLE TOOLS

Rotary

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

3745.3 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
12 1/4"	8 5/8"	40.5# J-55	Approx. 850'	565 sx. circulated
7 7/8"	4 1/2"	10.5#	TD	350 sx.

We propose to drill and test the Abo and intermediate formations. Approximately 850' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM 850', Brine to 3200'. Brine & KCL water to TD.

BOP PROGRAM: BOP's will be installed on 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 Regulatory Manager

DATE 1/25/82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

FEB 2 1982

JAMES A. GILLHAM  
DISTRICT SUPERVISORAPPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

DATE

Posted ID-1  
API & NL Book  
2-5-82