

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 ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM-12832

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "CD"

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Eagle Creek/SA

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

Sec. 29-T17S-F25E

12. COUNTY OR PARISH

Eddy

13. STATE
NM

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

2. NAME OF OPERATOR

Yates Petroleum Corporation

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

1650' FSL and 2310' FWL

At proposed prod. zone

same

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

Approximately 6 miles west of Artesia, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

330'

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

appr. 1450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3604' GL

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 1/2"	10 3/4"	30#	appr. 320'	200 sx circulated
9 1/2"	7"	23#	appr. 1100'	400 sx circulated
6 1/4"	4 1/2"	9.5#	TD	125 sx circulated

Proposed to drill a San Andres test. Approximately 320' of surface casing will be run to shut off gravel and caving. 7" intermediate casing will be run and set 100' below the Artesian Zone. If commercial production is encountered, a string will be run, perforated and stimulated for production.

MUD PROGRAM: FW gel/LCM to 1150' (or dry drill), water to TD.

BOP PROGRAM: If needed, BOP's will be installed on 7" casing and tested daily.

RECEIVED

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 Agent

BOSWELL, 19721488

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

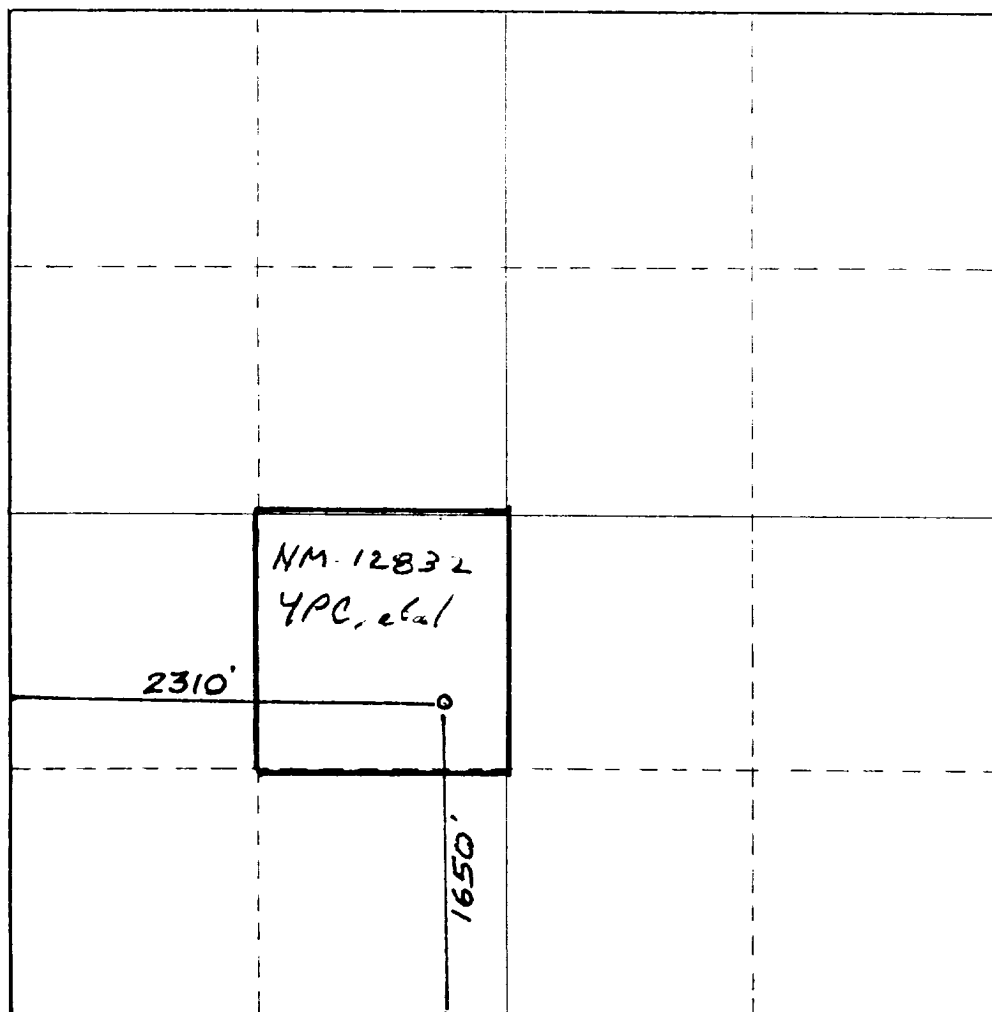
Operator YATES PETROLEUM CORPORATION			Lease Federal CD			Well No. 4
Map Letter K	Section 29	Township 17 South	Range 25 East	County Eddy		
Approximate Location of Well: 1650 feet from the South line and 2310 feet from the West line						
Ground Level Elev. 3604	Producing Formation SAN ANDRES		Pool EAGLE CREEK SA		Dedicated Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Glicerio Rodriguez
Name

GLICERIO RODRIGUEZ
Position

REG AGENT
Company

YATES PETROLEUM CORP
Date

9-21-83

DAN R. REDDY
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

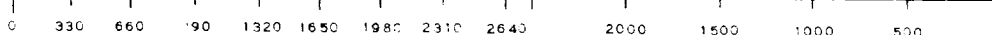
Date Surveyed

September 17, 1983

Registered Professional Engineer
and Land Surveyor

Dan R. Reddy
Certificate No.

NM PE&LS #5412



YATES PETROLEUM CORPORATION
Federal "CD" #4
1650' FSL and 2310' FWL
Sec. 29-T17S-R25E

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements.

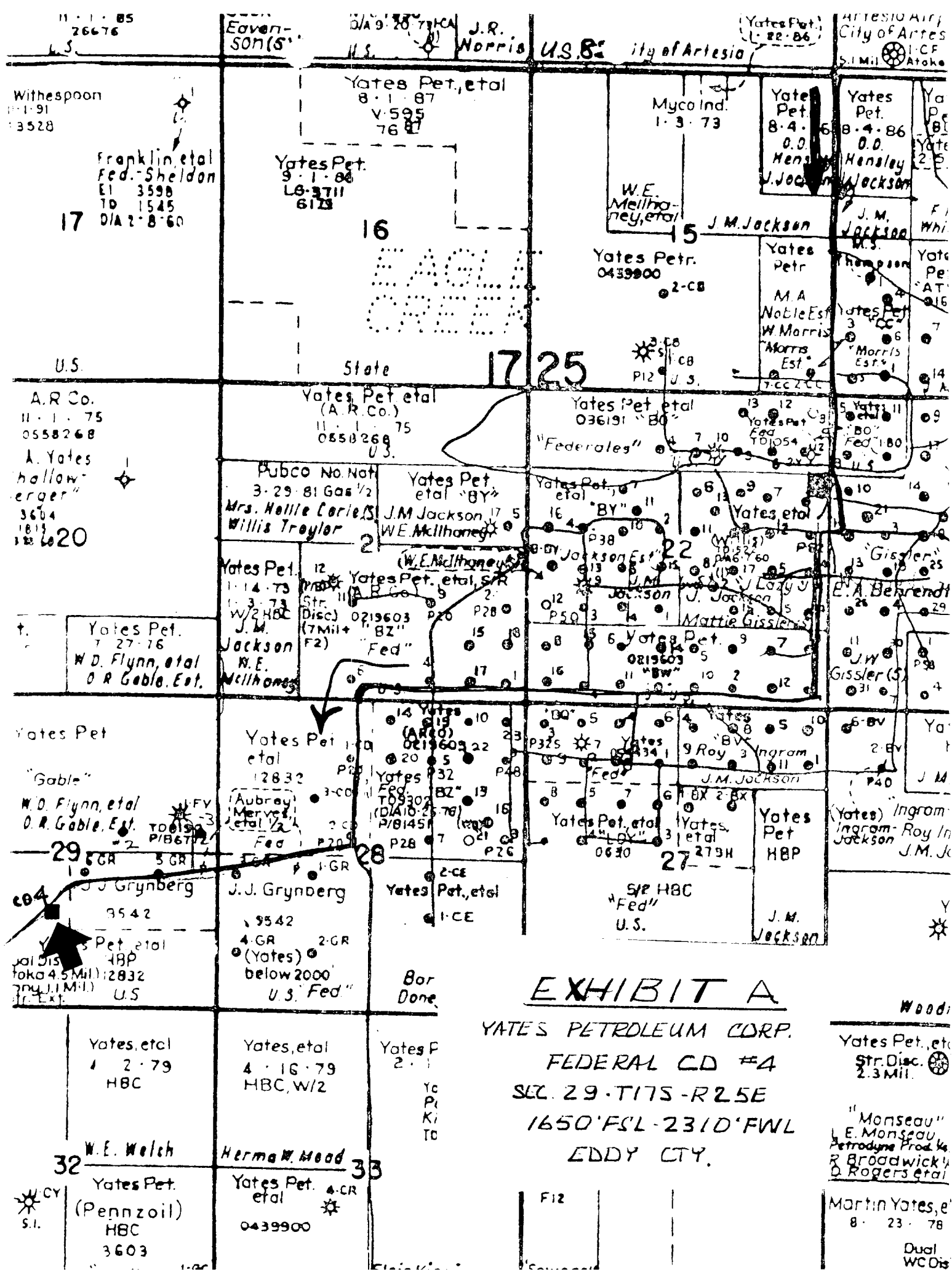
1. The geologic surface formation is quaternary alluvium.
2. The estimated tops of geologic markers are as follows:

TD appr. 1450'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 150-350' and 700-950'

Oil or Gas: San Andres 1300-1400'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:

Samples: 10' samples from under surface
DST's: none
Coring: none
Logging: GR-Nuetron
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.



[illegible]