

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-60574

5. LEASE DESIGNATION AND SERIAL NO.

NM-9813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Alkali "LK" Fed.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12, T6S-R25E

Unit 6 NMPM

12. COUNTY OR PARISH

Chaves

13. STATE

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
WELL ☐MULTIPLE
WELL ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South Fourth, Artesia, NM 88210

O. C. C.
ARTESIA, OFFICE4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1980' FNL + FEL

At proposed prod. zone

Same

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

31 miles north and 13½ miles east 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

320

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

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19. PROPOSED DEPTH

5700

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*
Lease expires 7-1-79!

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13 3/8"	48# J-55	Approx. 350'	350 sx. circulated
12½"	8 5/8"	24# J-55	Approx. 1500'	800 sx. circulated
8 3/4 or 7 7/8"	5½" or 4½"	15.5 or 10.5#	TD	250 sx. circulated

We propose to drill and test the granite wash and intermediate formation. Approx. 350' of surface casing will be set and cement circulated to shut off gravel and caving. Casing will be set 100' below the water zone. If commercial, 5½" or 4½" production casing will be run and cemented with an adequate cover, perforate and stimulate as needed for production.

Mud Program: FW gal and LCM to 1500', FW to 3200', KCL to 4350', Flosal- drispak
KCL to TD. NW 8.7 - 9.0, Vis 34 - 39, WL 14

BOP Program: BOP's will be installed on 85/8" casing and tested daily.

Gas not dedicated.

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JUN 11 1979
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 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

Eddie H. Lutz

TITLE

Engineer

DATE 6-7-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

6-22-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

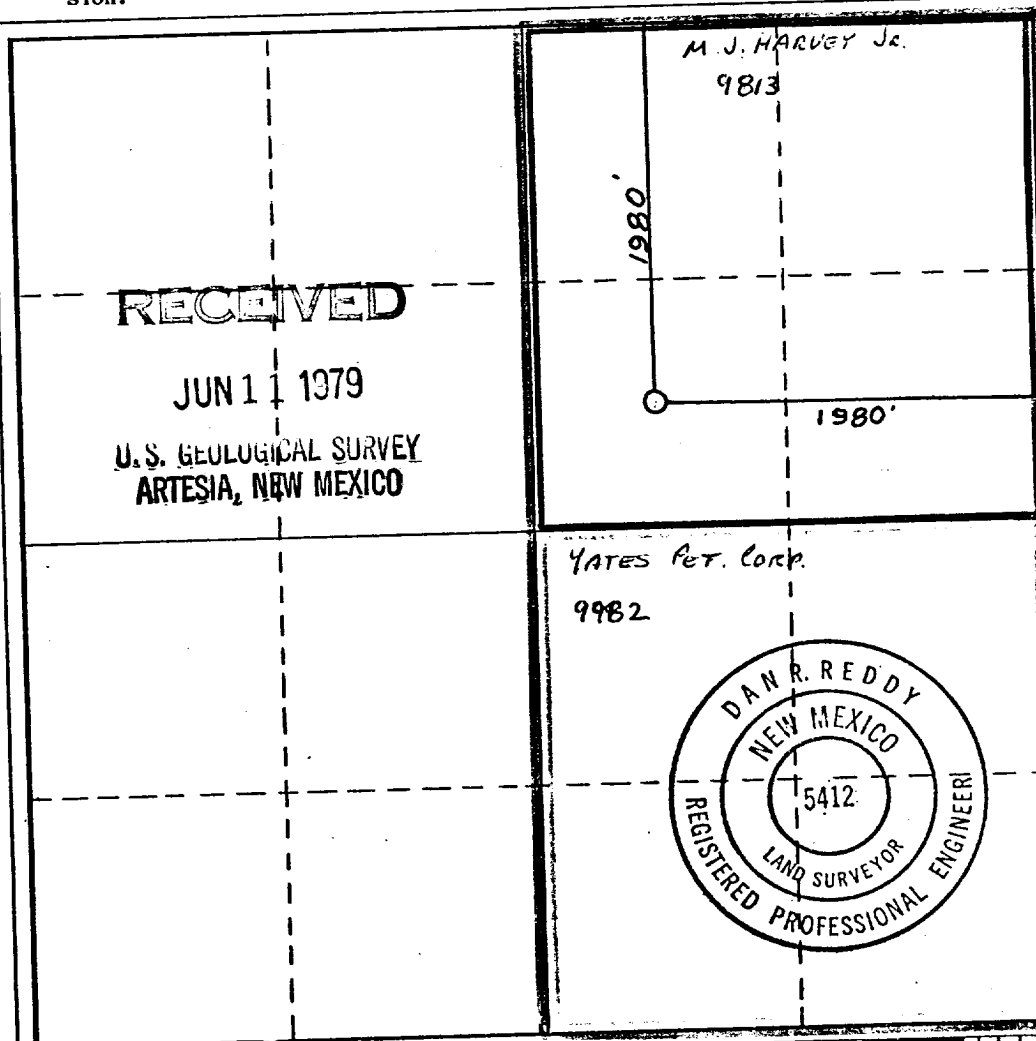
Operator YATES PETROLEUM CORPORATION			Lease South Alkali LK Federal		Well No. 1
Unit Letter G	Section 12	Township 6 South	Range 25 East	County Chaves	
Actual Footage Location of Well:					
1980 feet from the North line and		1980 feet from the East line	Dedicated Acreage: 320 ^{5/2} Acres		
Ground Level Elev: 3790.6	Producing Formation GRANITE WASH	Pool UNDESIGNATED			

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 TO BE COMMUNITIZED

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.

Gliserio Rodriguez
Name

GLISERIO RODRIGUEZ
Position

GEOGRAPHER
Company

YATES PETROLEUM CORP.
Date
6-11-79

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
June 7, 1979

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
Certificate No.

NMPE&LS #5412

