



United States Department of the Interior

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AUG 25 1972

GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico 88201

O. C. C.
ARTESIA, OFFICE

August 24, 1972

Yates Petroleum Corporation
207 South Fourth Street
Artesia, New Mexico 88210

Gentlemen:

Your Notice of Intention to Drill well No. 10 Creek "AL" in the SE¹SW¹ sec. 23, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease Las Cruces 028990(b), to a depth of 3700 feet to test the Queen formation in the Potash Area, is hereby approved.

One copy of the Notice is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations. The office phone number is 746-4841.

Sincerely yours,

(ORIG. SGD.) N. O. FREDERICK

N. O. FREDERICK
Area Oil and Gas Supervisor

Attachment

cc:
Washington
Mining Branch (2)
BDOCC-Artesia (2) (w/2 cys Notice) ✓
Artesia (w/cy Notice)
Roswell (2) (w/cy Notice)

U. S. DEPARTMENT OF JUSTICE

CRIMINAL DIVISION
WASHINGTON, D. C. 20535

(ORIGINAL SENT) N. O. FRIEDMAN

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 <i>Yates Petroleum Corporation</i>		Lease <i>Creek AL</i>		Well No. <i>10</i>
Unit Letter <i>P</i>	Section <i>23</i>	Township <i>18 South</i>	Range <i>30 East</i>	County <i>Eddy</i>
Actual Footage Location of Well: <i>330</i> feet from the <i>South</i> line and <i>330</i> feet from the <i>East</i> line				
Ground Level Elev. <i>3494</i>	Producing Formation <i>Queen</i>	Pool <i>Shugart</i>	Dedicated Acreage: <i>40</i> 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.

Eddie M. Mahfood

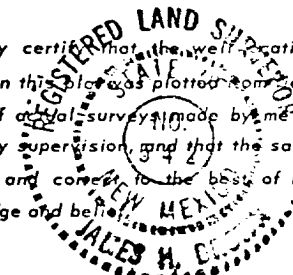
Name
Eddie M. Mahfood

Position
Engineer

Company
Yates Petroleum Corp.

Date
7-31-72

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
July 27th 1972
Registered Professional Engineer
and/or Land Surveyor

James H. Brown
Certificate No. **542**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20731

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

330' FSL & 330' FEL of Sec. 23-18S-30E

At proposed prod. zone

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

Approx. 8 miles southeast of Loco Hills, NM

15. DISTANCE FROM PROPOSED* 330'

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

XXXXX

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

1320'

16. NO. OF ACRES IN LEASE

560

19. PROPOSED DEPTH

3700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3494' GR

22. APPROX. DATE WORK WILL START*

Within 60 days

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	10 3/4"	32.75#	700'	Circulate
10"	8-5/8"	24#	1500'	Circulate
7 1/2"	5 1/2"	15.50#	3500'	125 sx.

Propose to drill 13" hole into top of the salt, set approx. 700' of 10-3/4" casing and circulate the cement, then reduce hole to 10" and drill to approx. 1500'. Set approx. 1500' of 8-5/8" casing and circulate w/ cement, then reduce hole to 7 1/2" and drill to Total Depth. If production is encountered in commercial quantity, will run 5 1/2" casing and cement with 125 sax. Perforate and Sand Frac.

This procedure complies with OCC Order R-111-A.

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 M. Mahoney

TITLE

Engineer

DATE

8-11-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

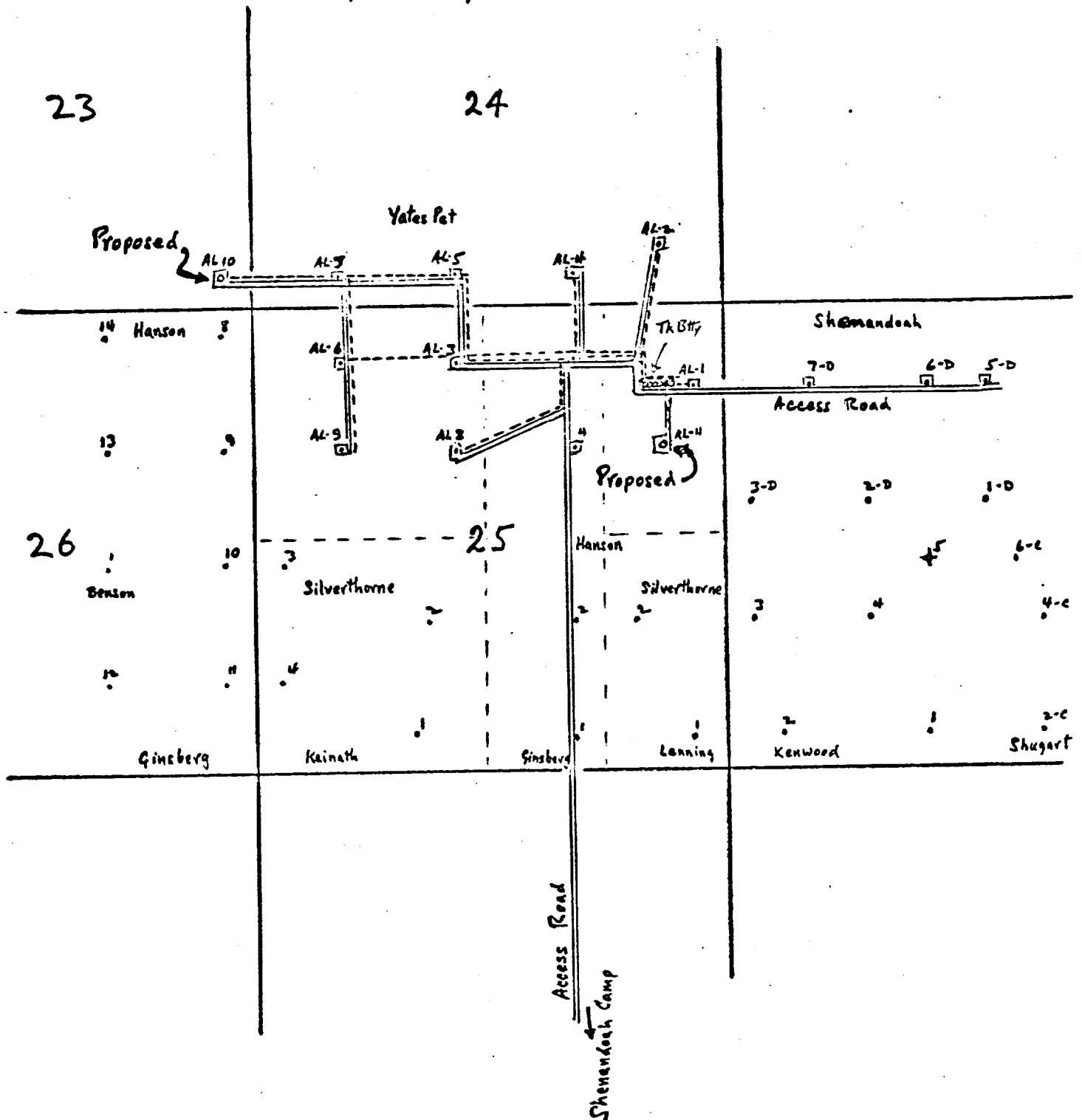
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

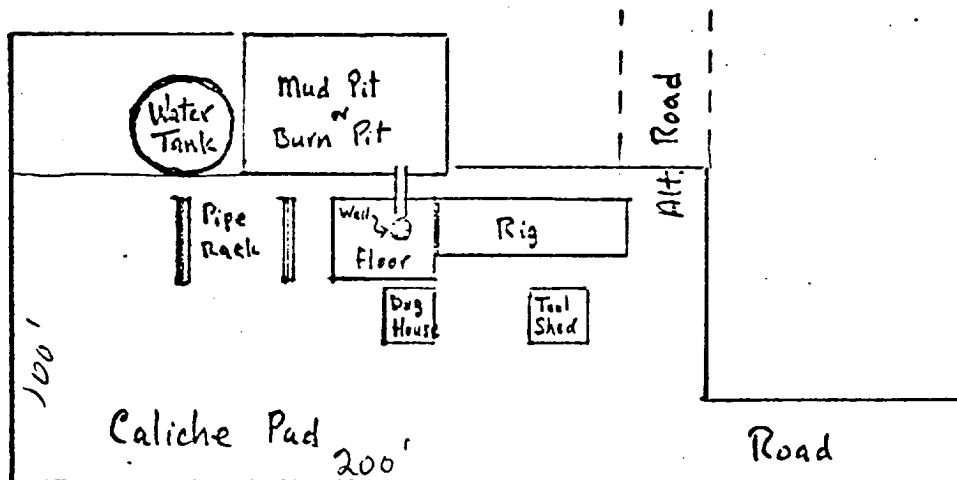
Yates Petroleum Corporation
 Diagrammatic Sketch of CREEK AL Lease
 SHUGART (Qn, Gbg) Pool
 Eddy County, New Mexico



Development plan for surface use to accompany, "Applications to Drill Onshore Oil, Gas, or Geothermal Steam Wells on Public Domain and acquired Federal Lands:"

1. Existing roads. See attached map
2. Planned access roads. See Attached Map
3. Location of wells. See Attached Map
4. Lateral roads to wells locations. See attached map
5. Location of tank batteries and flowlines. See attached map
6. Locations and types of water supply. Trucked - fresh water
7. Methods for handling waste disposal. Bury or burn in burn pit
(See below) Sketch
8. Location of camps. None
9. Location of airstrips. None
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. See sketch below.
11. Plans for restoration of the surface. Will fill pit and level location as required by USGS and State Rules and Regulations.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment.

The affected Federal and State surface managing agencies shall have access to or, if feasible, may be provided with copies of such development plans.



Approximate Scale 1 inch = 50 feet



POST OFFICE BOX 511 CARLSBAD NEW MEXICO 88220

August 18, 1972

Mr. E. M. Mahfood
Yates Petroleum Corporation
207 South 4th Street
Artesia New Mexico 88210

Dear Mr. Mahfood:

With respect to your request for a drilling location 330 feet from the south and east lines of S23-T18S-R30E, Duval Corporation waives any objection to such drilling, as long as the rules of 3-111A as amended are observed.

Very truly yours,

DUVAL CORPORATION

K. E. Elers, Resident Manager
Carlsbad Properties

KHE/aws

cc: Mr. James Knauf
U. S. Geological Survey
P. O. Drawer E
Artesia, New Mexico 88210

Mr. R. S. Fulton
U. S. Geological Survey
Federal Building
Carlsbad, New Mexico 88220

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