

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-013-20852

5. LEASE DESIGNATION AND SERIAL NO.
NM-0375257

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Avalon Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat SR

11. SEC., T., R., M., OR BLK.

sec. 18-21S-27E

Unit P NMPM

12. COUNTY OR PARISH

Eddy

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
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Drilling Company

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

660' FSL & 660' FEL of Sec. 18-21S-27E

At proposed prod. zone

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

2 1/2 miles North of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

660

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

Approx. 600"

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3210' GR

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	24#	Approx. 300	Circulate
8"	5 1/2"	14#	Approx. 600	Circulate

Propose to drill to approximately 600' to test the Seven Rivers
producing formation. 8 5/8" Control Head for Cable Tool drilling.

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

Engineer

DATE

4-19-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAY 7 1973

APPROVED BY

TITLE

DATE

MAY 7 1973

CONDITIONS OF APPROVAL, IF ANY:

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATED

*See Instructions On Reverse Side

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 DRILLING COMPANY			Lease AVALON FEDERAL		Well No. 1
Unit Letter P	Section 18	Township 21 South	Range 27 east	County Eddy	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3210	Producing Formation Seven Rivers		Pool Wildcat		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.

R 27 E

18

1 660'
660'

CERTIFICATION

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

Name Payton Yates
Position
Engineer
Company
Yates Drilling Company
Date
April 19, 1973

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
April 18th, 1973

Registered Professional Engineer
and/or Land Surveyor

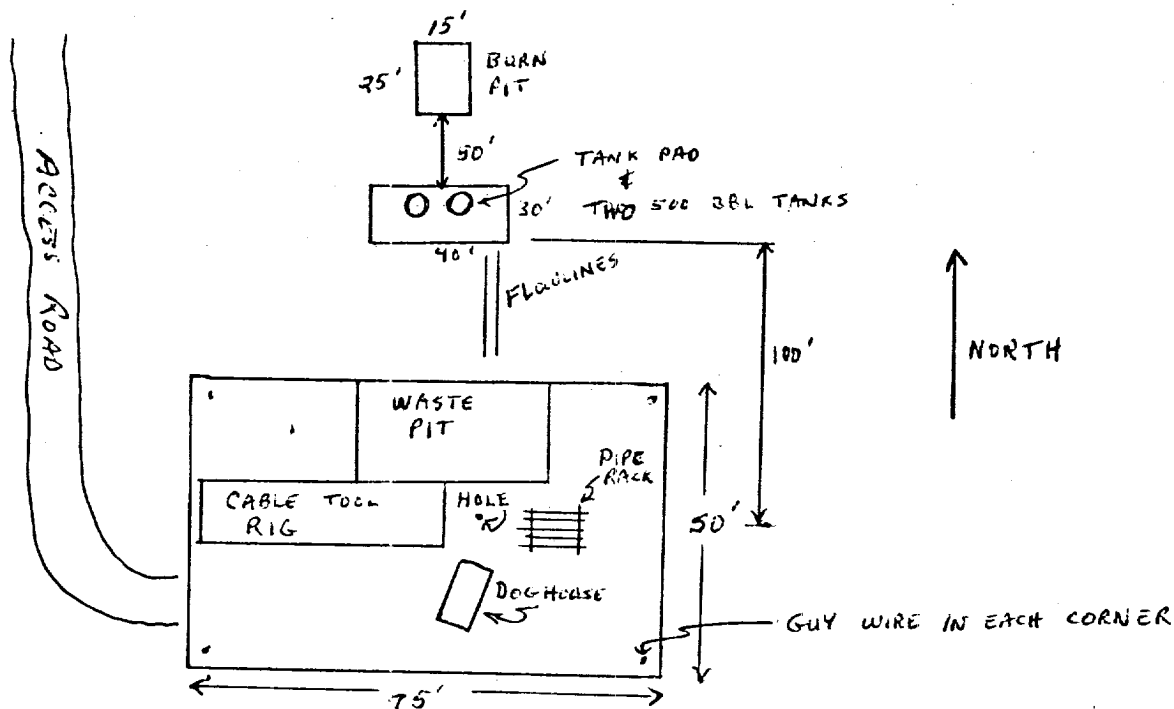
James H. Brown
Certificate No. **542**

0 330 660 '90 1320 1650 1980 2310 2640 2000 1500 1000 500 0

YATES DRILLING COM. NY
Avalon #1 SE SE Sec. 18-21-27, Eddy County, New Mexico
Federal

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. Will construct approximately 800' new road as shown on map.
3. Location of well. 660' FSL & 660' FEL, Sec. 18-21-27.
4. Lateral roads to wells locations. See attached map.
5. Location of tank batteries and flowlines. Battery will be set up 100' North of location. Tank pad will be approximately 30' X 40'.
6. Locations and types of water supply. Will be purchased and trucked from water supply approximately one mile North of Carlsbad & about three road miles from location.
7. Methods for handling waste disposal. Engine oil and trash will be disposed of in waste pit.
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.
11. Plans for restoration of the surface. Waste pit will be dried and leveled except for burn pit; otherwise restored to original.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment. Topography is small rolling hills. See attached topo map. Plant cover consists of greasewood, tumbleweeds, catclaws, and widely scattered
scattering of caliche



DRAWING NOT TO SCALE

PROPOSED WELL SITE & BATTERY SITE
 YATES DRILLING CO AVALON #1 FED.
 SE SE 18-25-27E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

YATES DRILLING COMPANY

Avalon Federal #1 - SE SE - 18-21S-27E
Eddy County, New Mexico

