

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 ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Delaware Apache Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2299, Tulsa, Oklahoma 74101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1980' SWL & 660' WEL being C SE/4 NE/4 of Sec. 7

At proposed prod. zone

Same as above

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

Approx. 12 miles E SE of Escrito Trading Post, Rio Arriba Co., NM Sandoval

N. Mexico

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

2561.60 Base Lease

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.

Approx. 1865'

19. PROPOSED DEPTH

5500

20. ROTARY OR CABLE TOOLS

Rotary

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

See Note Below

22. APPROX. DATE WORK WILL START*

Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4	9 5/8	32.30	400	To Circulate
8 3/4	7	20 & 23	5100	300 sacks

Applicant proposes to drill a 5500' Gallup test. Casing will be set at approximately 5100' and the remainder of drilling operations will be made with air drilling procedures due to the fractured characteristics of the Gallup Zone. Blowout preventer equipment and drilling mud system will be maintained daily to assure proper well control at all times. All shows of oil &/ or gas will be adequately tested. Formation Density & Induction Electric Logs will be run at total depth.

Note: Copies of certified surveyors plats will be furnished direct by Mr. E. V. Echohawk, Farmington, 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

TITLE Regional Production Manager DATE 11/2/71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

NOV 7 1971

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

DeLaune

Lease				Well No.	
APACHE CORPORATION				Jair 1-4	
Unit Letter	Section	Township	Range	County	
H	7	22 North	5 West	Sandoval	
Actual Footage Location of Well:					
1980 feet from the		North	line and	660 feet from the East line	
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage:	
6959	Gallup	Undesignated		40	Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
- 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 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

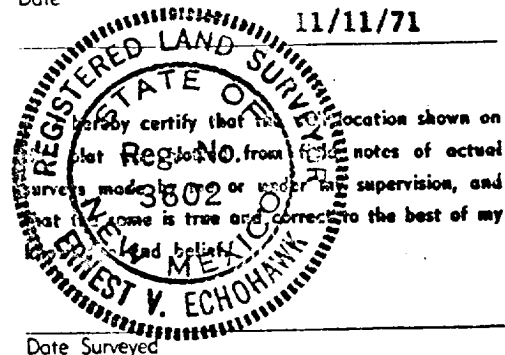
Sec. 7

RECEIVED
NOV 5 1971
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Scale, 1 inch = 1,000 feet

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

Name L. D. Somers
Position Regional Production Manager
Company Apache Corporation
Date 11/11/71



Date Surveyed November 2, 1971
Registered Professional Engineer
and/or Land Surveyor

E. V. Echohawk
Certificate No. 3602
E. V. Echohawk