

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

30-015-2117

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

Getty Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1351, Midland, Texas 79702

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

On surface
Well Section 6, 1980' EBL & 1980' EBL, Sec. 21-23S-30E

At proposed prod. zone

FEB 11 1977

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

O. C. C.

ARTESIA, OFFICE

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

2241

17. NO. OF ACRES ASSIGNED

TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

7600'

20. ROTARY OR CABLE TOOLS

Workover rig

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

3213' DF

22. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change	13 3/8"	61.68 + 72	3574	2900
	7 7/8 + 7 3/4"	45.47	11314	2650

- 1.) Move in workover rig.
- 2.) Set Bridge Plug at 7620' with cement plugging back to 7600'.
- 3.) Spot acid 7514 - 7568'.
- 4.) Perforate 7-5/8" OD Casing 7514 - 7521' with 7 shots, 7524-7530' with 6 shots, 7534-7536' with 2 shots, 7540-7544' with 1 shot, and 7564-7568 with 4 shots, total of 20 shots.
- 5.) Treat perfs 7514-7568' with 6,000 gallons 15% HCl acid in 3 stages using benzoic acid flakes as diverting material.
- 6.) If well proves non-productive in Bone Springs zone, set Cast Iron Bridge Plug at 3800' with cement plugging to 3780'.
- 7.) Perforate 7-5/8" OD Casing at 3722-3730' with 8 shots.
- 8.) Treat perfs 3722-3730' with 400 gallons 15% HCl Acid.
- 9.) If productive perforate Delaware zone at 3644-3656' with 12 shots, 3680-3688' with 8 shots, 3690-3693' with 3 shots and 3699-3720' with 21 shots, total of 44 shots.
- 10.) Treat perfs 3644-3720' with 1500 gallons 15% HCl acid in 2 stages.
- 11.) Return wells to active status pumping Bone Springs perfs or Delaware perfs.

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.

Leland Franz

District Production Manager

2-3-77

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

FEB 9 1977
X L. B. ...
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

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 plat, 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 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 Getty Oil Company		Lease Forty Miner Ridge Unit		Well No. 2
Unit Letter C	Section 21	Township 23S	Range 30E	County Eddy
Actual Footage Location of Well: 1980' feet from the North line and 1980 feet from the East line				
Ground Level Elev. 3213' BF	Producing Formation Bone Spring	Pool Wildcat	Dedicated Acreage: 40 Acres	

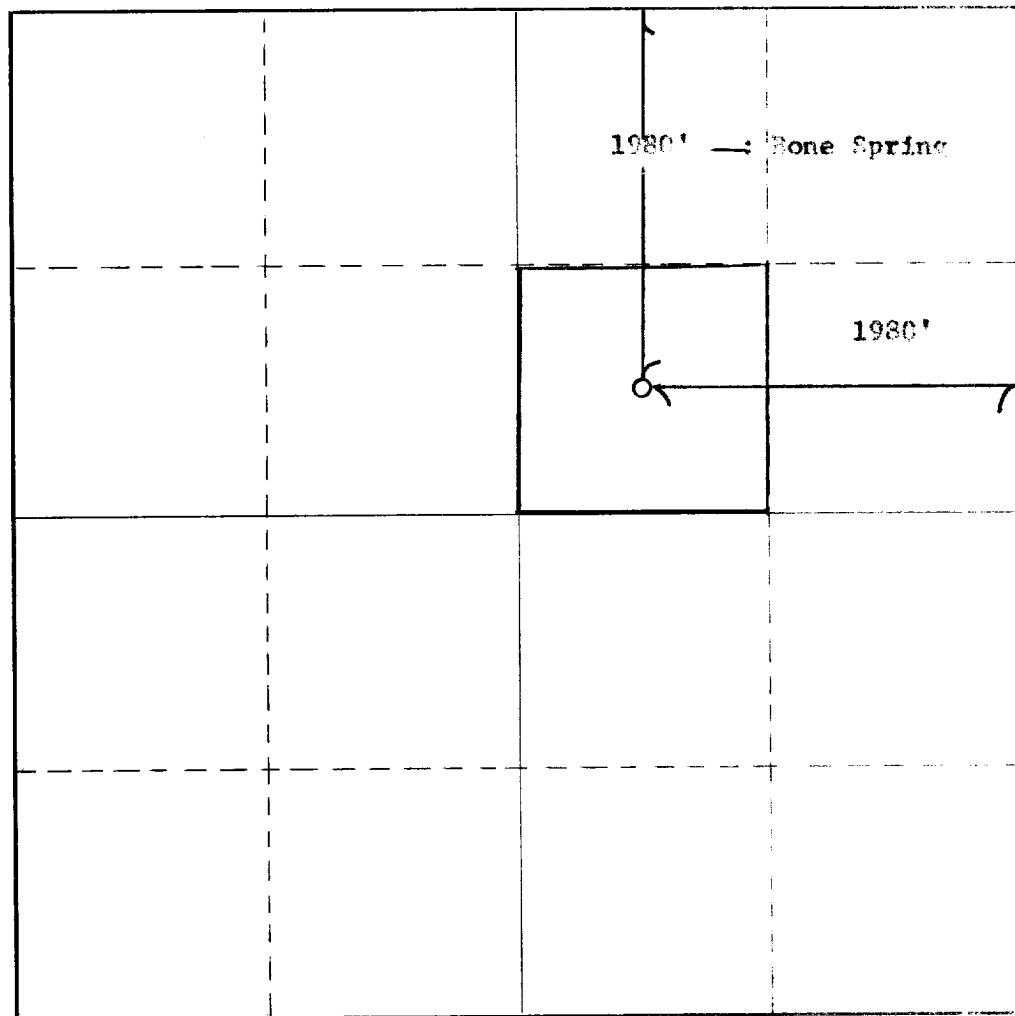
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

RECEIVED
FEB 08 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



CERTIFICATION

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

(signed) D. R. Crow

Name **D. R. Crow**
Position **Lead Clerk**
Company **Getty Oil Company**
Date **2-2-77**

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.

Name _____
Position **Professional Engineer**
Company **_____**



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

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

Operator: Getty Oil Company		Lease: Forty Niner Ridge Unit		Well No.: 2
Unit Letter: C	Section: 21	Township: 23S	Range: 30E	County: Eddy
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the East line Ground Level Elev: 3213' or Producing Formation: Delaware Pool: Wildcat Dedicated Acreage: 40 Acres				

1. Outline the acreage dedicated to the subject well by colored pencil or inkature 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?

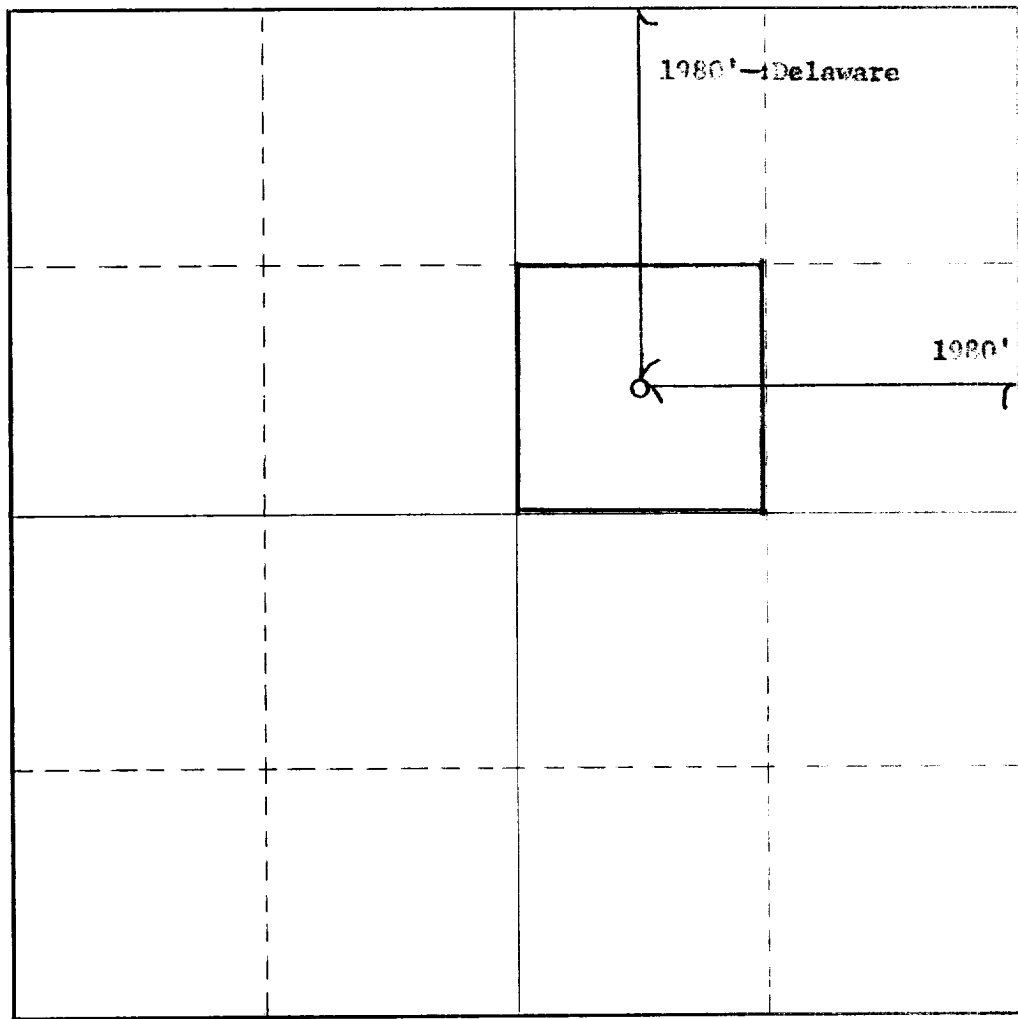
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated on 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.

RECEIVED
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ARTESIA, NEW MEXICO



CERTIFICATION

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

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D. R. Crow

Lead Clerk

Getty Oil Company

2-2-77

I hereby certify that the well location shown on this plat was plotted from field notes or 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 Certified:

Registered Professional Engineer
and Land Surveyor

Certification No.:

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0