

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

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

Box 3360, Casper, Wyoming 82602

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

At surface

1850' FNL 1460' FWL Section 15.

At proposed prod. zone

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

1.25 miles north of Bloomfield, New Mexico Postoffice.

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

194'

19. PROPOSED DEPTH

3100'

20. ROTARY OR CABLE TOOLS

Rotary

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

DRILLING OPERATIONS AUTHORIZED ARE

5631' GL SUBJECT TO COMPLIANCE WITH ATTACHED

23. "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

May 1, 1983

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	K-55 24.00#	300'	310 cubic feet - surface
7 7/8"	4 1/2"	K-55 9.50#	3100'	940 cubic feet - surface

See Drilling Prognosis

Gas is Dedicated.

RECEIVED
MAY 6 1983
OIL CON. DIV.
DIST. 3

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

Area Superintendent

DATE

March 31, 1983

(This space for Federal or State office use)

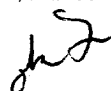
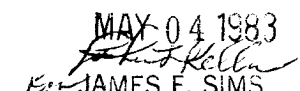
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDEDMAY 04 1983

JAMES F. SIMS
DISTRICT ENGINEER
Acting Area Manager

11-1000

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

Operator GETTY OIL COMPANY			Lease MEXICO-FEDERAL "N"		Well No. 2
Unit Letter F	Section 15	Township 29N	Range 11W	County San Juan	
Actual Footage Location of Well: 1850 feet from the North line and 1460 feet from the West line					
Ground Level Elev. 5631	Producing Formation Chacra		Pool Otero-Chacra		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

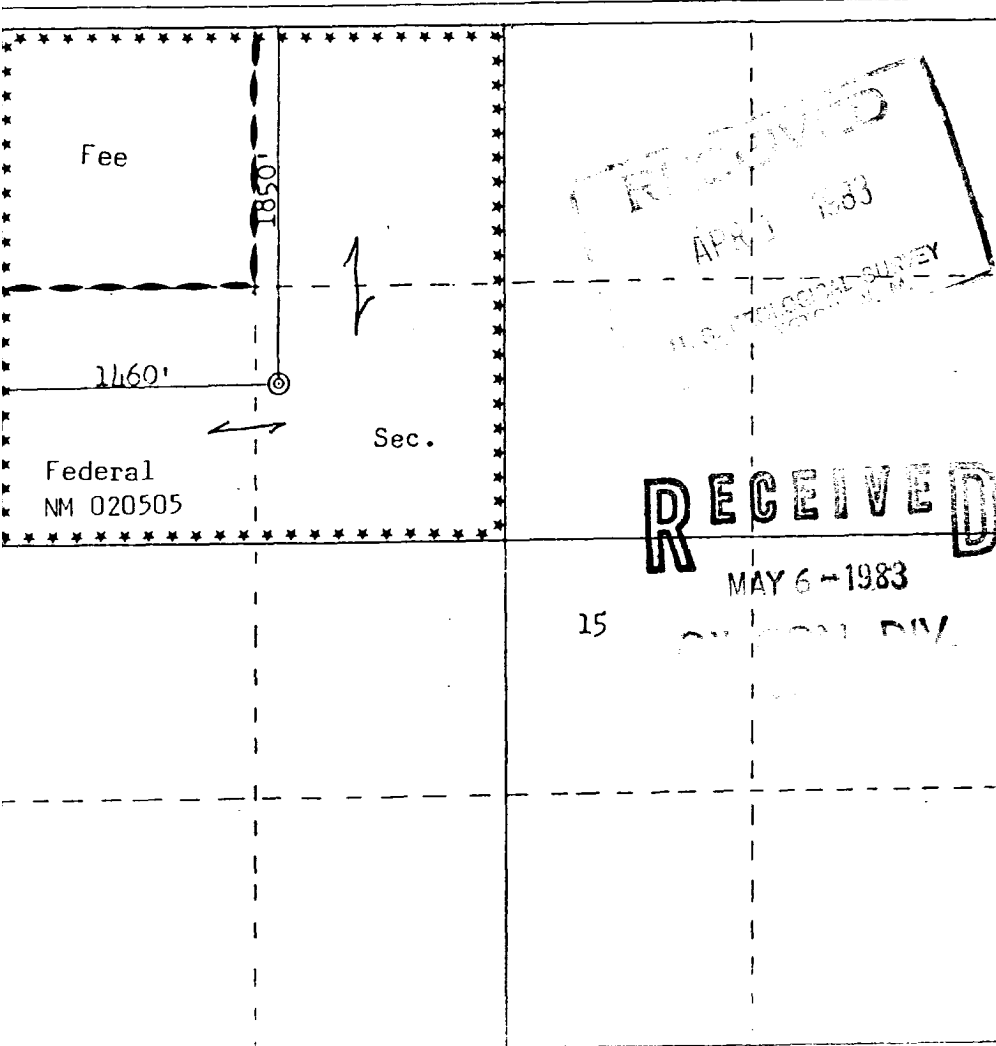
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 **Communitization agreed but not signed**

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.

Name
*Al Kendrick*Position
AgentCompany
Getty Oil CompanyDate
March 31, 1983

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
March 15, 1983Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.

DRILLING PROGNOSIS

Getty Oil Company
Mexico Fed. N #2
1850' FNL 1460' FWL
Section 15, T29N, R11W
San Juan County, New Mexico.

1. SURFACE FORMATION:

Nacimienta - sandy shale.

2 & 3. ESTIMATED TOPS AND ANTICIPATED OIL, GAS, & WATER ZONES:

<u>Formation</u>	<u>Top</u>	<u>Potential Production</u>
Ojo Alamo		Water
Kirtland	720'	No
Fruitland	1651'	Yes - gas - not objective
Pictured Cliffs	1841'	Yes - gas - not objective
Chacra	2900'	Yes - gas - objective
Total Depth	3100'	

If any water zones are encountered, they will be adequately protected and reported.

4. CASING PROGRAM:

See Form 9-331C.

5. PRESSURE CONTROL EQUIPMENT:

Schematic attached:

Type: 9 or 10 inch - 900 series - double gate.

Pressure Rating: 3000 psi.

Testing Procedure: Equipment will be tested to 1500 psi before drilling out from under the surface casing and operational checks will be made daily and recorded on tour sheets.

6. MUD PROGRAM: (Visual Monitoring)

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt. (ppg)</u>	<u>Viscosity</u>	<u>Water Loss</u>	<u>Additives</u>
0-1800'	Spud mud	8.6 - 8.8	28 - 32	NC	Gel, lime.
1800'-TD	Slightly Disbursed	9.0 - 9.8	30 - 35	12-15	Gel Pac, Caustic, Soda ash.

Sufficient mud inventory will be maintained on location at all times during drilling operations including loss circulation material.

7. AUXILIARY EQUIPMENT:

1. A Kelly Cock will be knpe in the drill string at all times.
2. Periodic checks of the mud system will be made each tour.
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drillpipe whenever the Kelly Cock is not in the string.
4. No bit float will be used.

4337 1 SE
FLORA VISTA
1:24,000

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