

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22721

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 3360 Casper, WY 82602

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

I At surface (21-25N-5W) 1520' FSL 1120' FEL

At proposed prod. zone

Same

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

115 miles southeast of Aztec

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

2560

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.

19. PROPOSED DEPTH

3250'

20. ROTARY OR CABLE TOOLS

Rotary

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

6689'

GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

April 1, 1981

23. PROPOSED GENERAL REQUIREMENTS PROGRAM

(All New)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	350	200 SX
6 3/4	4 1/2	9.5#	3250	500 SX *

* Cement volume may change due to Caliper

Ten Point Resource Protection Plan attached

*g. ant
g. oblique*



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.

SIGNER

H. E. Aab

TITLE

Area Supt.

DATE February 6, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

APR 14 1981

JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

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

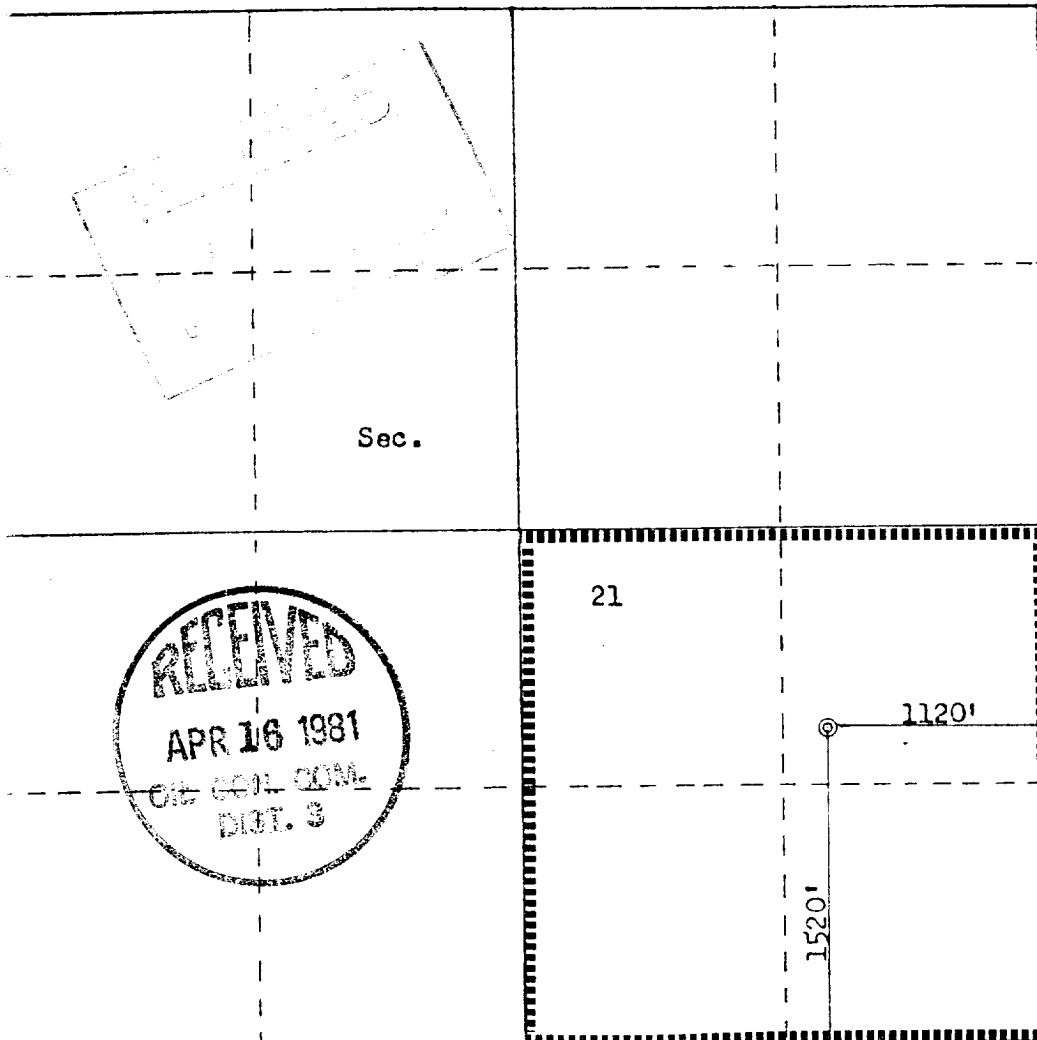
Operator GETTY OIL COMPANY			Lease JICARILLA "C"		Well No. 29
Init Letter I	Section 21	Township 25N	Range 5W	County Rio Arriba	
Actual Footage Location of Well:					
1520	feet from the South	line and	1120	feet from the East	line
Ground Level Elev. 6689	Producing Formation Chacra		Pool Otero	Dedicated Acreage: 160 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 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.



Scale: 1"=1000'

CERTIFICATION

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

Name

W. R. Kendrick

Position

Agent

Company

Getty Oil Company

Date

April 6, 1981

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

February 26, 1981

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 3950

3950

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other
well well

2. NAME OF OPERATOR
Getty Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3360, Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1520' FSL & 1120' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(other) Spud, T.D., and Casing Setting Record

5. LEASE

Contract #34

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Tribe

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Jicarilla "C"

9. WELL NO.

29

10. FIELD OR WILDCAT NAME

Otero Chacra

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 21-T25N-R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

14. API NO.

--

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6689' G.R.

(NOTE: Report results of multiple completion or zone change on Form 9-330)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded @ 8:30 P.M. on 10-6-81.

Reached T.D. of 3790' @ 11:00 P.M. on 10-11-81.

Ran casing strings as follows:

Hole Size	Casing Size	Wt. #/ Ft.	Depth Set	Cementing Information
12 1/4"	8 5/8"	24#	333'	Cemented w/ 300 sx. Class B cmt. Circ. 25 sx. to surface.
7 7/8"	5 1/2"	14#	3784'	Cemented w/ 410 sx. Lite cmt. + 310 sx. Class B cmt. Circ 10

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Dev Berman TITLE Area Superintendent DATE 10/15/81

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OCT 21 1981

WADCC
*See Instructions on Reverse Side

FARMINGTON DISTRICT

BY Sm



Getty Oil Company | P.O. Box 3360, Casper, Wyoming 82602

Central Exploration and Production Division

January 12, 1982



State of New Mexico
Oil & Gas Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Jicarilla "C" #29
I Section 21-T25N-R5W
Rio Arriba County, New Mexico

Gentlemen:

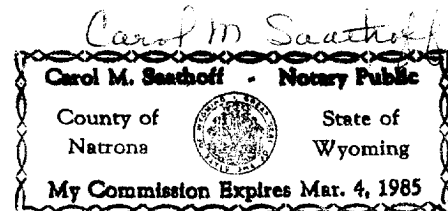
Listed below are the deviation surveys run during the drilling of the above captioned well:

1/2° - 1508'
1° - 1790'
1 1/2° - 2289'
1° - 2816'
1 1/4° - 3315'
1 1/2° - 3790'

I hereby certify the above information is true and correct to the best of my knowledge.

D. W. Bowers
Area Superintendent

SP/cs



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. Contract #34	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Tribe	
2. NAME OF OPERATOR Getty Oil Company		7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR P.O. Box 3360, Casper, WY 82602		8. FARM OR LEASE NAME Jicarilla "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1520' FSL & 1120' FEL of Section 21 At top prod. interval reported below same At total depth same		9. WELL NO. 29	
14. PERMIT NO. --		10. FIELD AND POOL, OR WILDCAT Otero Chacra	
15. DATE SPUDDED 10-6-81		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 21-T25N-R5W	
16. DATE T.D. REACHED 10-11-81		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 11-24-81		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6689' GR, 6699' KB		19. ELEV. CASINGHEAD --	
20. TOTAL DEPTH, MD & TVD 3790'		21. PLUG, BACK T.D., MD & TVD 3741'	
22. IF MULTIPLE COMPL., HOW MANY? --		23. INTERVALS DRILLED BY 10'-3790'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3654'-3673' Chacra		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SFL, FDC-CNL, & CBL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	333'	12 1/4"
5 1/2"	14#	3784'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 1/16"	3667'	--	
31. PERFORATION RECORD (Interval, size and number) Perfed Chacra @ 1 spf w/ 16, 0.40" holes as follows: 3654'-3661' 3664'-3673'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3654'-3673'		Acid w/800 gal 15% HCl.	
Fraced w/46,240		gal of 70 quality foam, 50,000# of 20-40 sand & 12,500# of 10-20 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-21-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) S.I.			
DATE OF TEST 12-7-81	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD --
FLOW. TUBING PRESS. 20#	CASING PRESSURE 224#	CALCULATED 24-HOUR RATE --	OIL—BBL. --
GAS—MCF. 421		WATER—BBL. --	
OIL GRAVITY-API (CORR.) --			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Paul D. Berhost	
35. LIST OF ATTACHMENTS --			

36. I hereby certify that the foregoing and attached information is complete and correct as determined from field and office records.
SIGNED DW Bann TITLE Area Superintendent DATE 1-12-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

FARMINGTON DISTRICT
BY Snn

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	3654'	3673'		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra	2220' 2416' 2712' 2782' 2844' 3652'	