

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS CASE

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-25037

LEASE DESIGNATION AND SERIAL NO.
DC-029420 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Skelly Unit

8. FARM OR LEASE NAME

5th Hill

9. WELL NO.

149

10. FIELD AND POOL OR WILDCAT

Grayburg Jackson, Fren-7/
AND SURVEY OR AREA Rivers/

21, 17S, 31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 730, Hobbs, N.M. 88240

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

At surface

Unit Ltr. H, 2610' FSL and 150' FEL

At proposed prod. zone

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

5 miles southwest of Maljamar, N.M.

15. DISTANCE FROM PROPOSED*

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

2635'

16. NO. OF ACRES IN LEASE

4040

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

810'

19. PROPOSED DEPTH

3900'

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

3824.2

23.

PROPOSED CASING AND CEMENTING PROGRAM.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	28#	700'	450' CIRCULATE
7 7/8	5 1/2	15.5	3900	750' CIRCULATE

1. The subject well will be drilled from surface to 700' with fresh water and gel additives to condition the hole for running casing. From 700' to 3900' (TD) a brine of sufficient weight and gel additives will be used to control formation pressures and condition the hole for electric logs and running casing.

2. The pump and plug method will be used to cement all strings of casing. The 5 1/2" casing will have the top of the cement tied into the surface casing.

(This well will be downhole commingled in the Fren Seven Rivers and Grayburg Jackson Queen San Andres Pools.)

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

Dale R. Crockett

TITLE

Area Superintendent

DATE 8/16/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

GEOLOGICAL RESOURCE AREA

DATE

10-3-84

Subject to
Like Approval
by State

*See Instructions On Reverse Side

NSL-1876

DHC R-7680

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

0+6-NMOCD-Artesia
1-NMOCD-Santa Fe
1-Engr PWS
1-Foreman
1-H.O. Woods-Midland
1-File

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

RECEIVED BY

AUG 20 1984

O. C. D.

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

Operator GETTY OIL COMPANY		Lease SKELLY UNIT		ARTESIA OFFICE		Well No. 149
Unit Letter "I"	Section 21	Township 17 South	Range 31 East	County Eddy		
Actual Footage Location of Well: 2610 feet from the South line and 150 feet from the East line						
Ground Level Elev. 3824.2	Producing Formation 7-Rivers, Grayburg		Pool Fren 7-Rivers & Grayburg Jackson		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.

NOTE: This well will share an allowable with well #11
(Commingled Grayburg, Jackson, Fren 7-Rivers)
Located 1980 FSL & 660 FEL.

CERTIFICATION

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

Dale R. Crockett

Name

Area Superintendent

Position

Getty Oil Company

Company

August 10, 1984

Date

Donald J. Steiner

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

July 27, 1984

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3640



0 130 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**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.

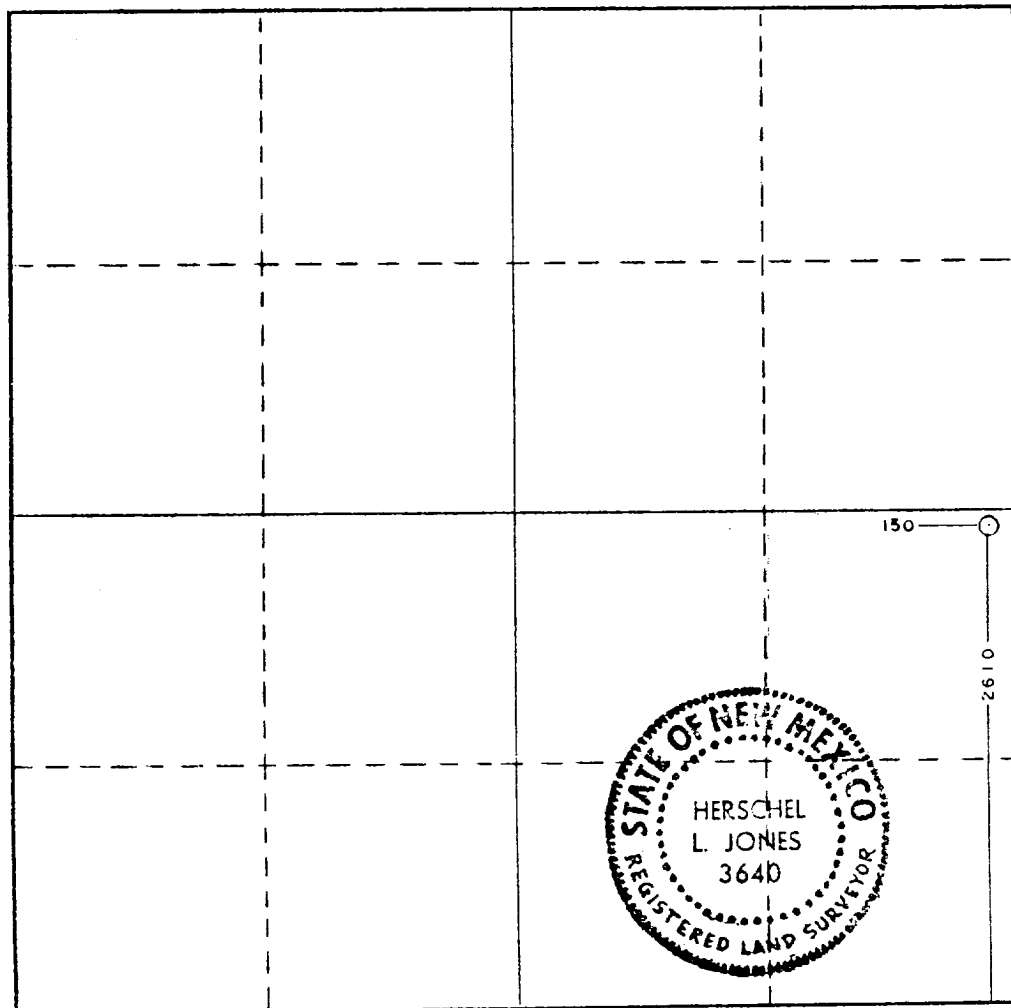
Operator GETTY OIL COMPANY			Lease SKELLY UNIT		Well No. 149
Unit Letter "I"	Section 21	Township 17 South	Range 31 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2610 feet from the South line and 150 feet from the East line </div>					
Ground Level Elev. 3824.2	Producing Formation Grayburg & 7-Rivers	Pool Grayburg-Jackson & Fren 7-Rivers	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 _____

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CERTIFICATION

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

Dale R. Crockett

Name

Dale R. Crockett

Position

Area Superintendent

Company

Getty Oil Company

Date

August 16, 1984

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

July 27, 1984

Registered Professional Engineer and/or Land Surveyor

Herschel L. Jones
Certificate No. 3640

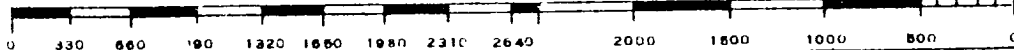
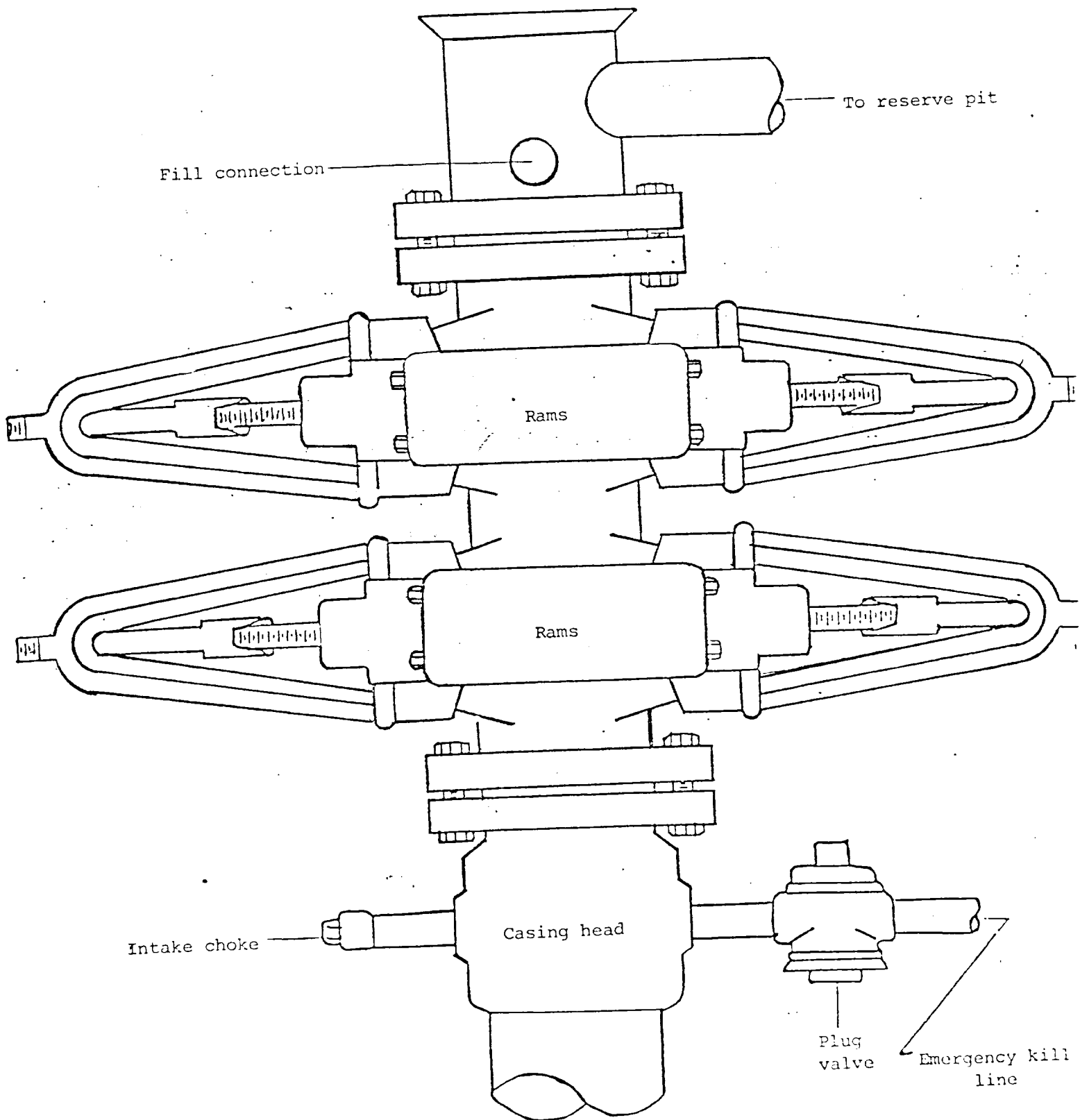


FIGURE 1



Getty Oil Company
5000 psi working pressure
Drilling control hookup.

ADDITIONAL INFORMATION FOR
 "APPLICATION FOR PERMIT TO DRILL"
 GETTY OIL COMPANY
 SKELLY UNIT WELL NO. 149

1. The geologic name of the surface formation is assignable to the haplargids-torripsammments association.
2. The estimated tops of important geologic markers are as follows:

<u>FORMATION</u>	<u>DEPTH FROM SURFACE</u>	<u>DEPTH SUBSEA</u>
Salt	570'	+3254.2
Yates	1692'	+2122.3
7-Rivers	2030'	+1784.3
Grayburg-Jackson	3018'	+ 796.3

3. The estimated depths at which anticipated water and oil could be encountered are:

<u>DEPTH</u>	
0-570	Surface and red beds
570-1692	Salt
1692-2030	Yates-possible gas
2030-3018	7-Rivers-possible oil
3018-3900	Grayburg-Jackson-possible oil

4. The proposed casing program is as follows:

<u>SIZE</u>	<u>GRADE</u>	<u>THREAD</u>	<u>WT.</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>LENGTH</u>
8 5/8	H-40	8RST&C	28	Surface	700'	700'
5 1/2	K-55	8RST&C	15.5	Surface	3900'	3900'

5. The minimum specifications for pressure control equipment to be used are on Figure 1. The BOP stack will be tested to 5000 psi.
6. The drilling fluid from surface to 700 will be fresh water of sufficient gel to condition the hole for running casing. From 700' to 2100', a native mud system will be used with brine and LCM added for stability and seepage. From 2100' to 3900' a salt gel system will be used to condition the hole for logging and running casing.
7. The auxiliary equipment to be used is as follows:
 - a. Kelly cocks.
 - b. Monitoring equipment on the mud system.
 - c. Sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.
8. There are no anticipated drill stem tests or cores to be cut.

EXHIBIT "B"

GETTY OIL COMPANY

SKELLY UNIT WELL NO. 149

2610 FSL & 150 FEL

Sec. 21, T17S, R31E

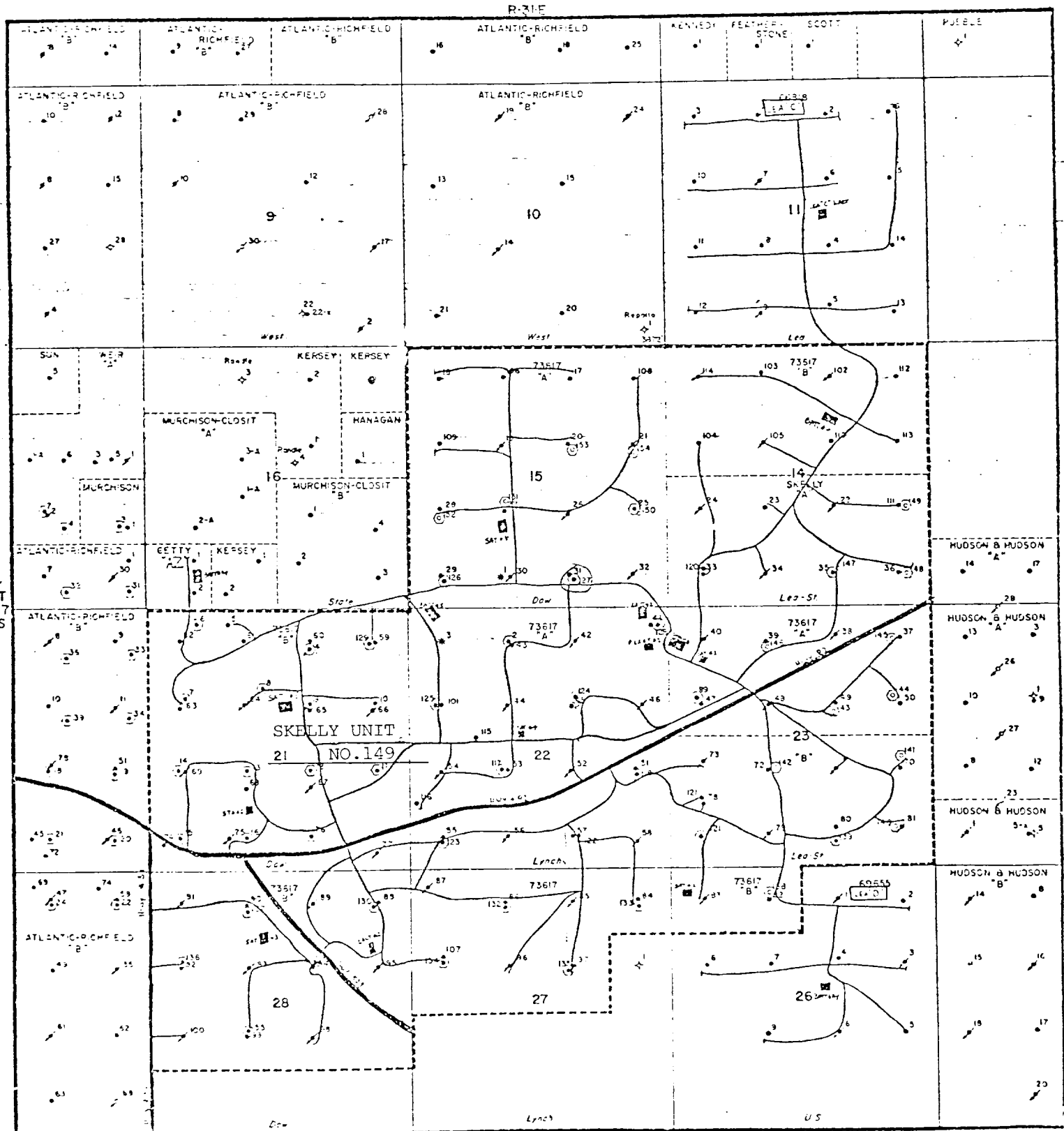


EXHIBIT "C"

GETTY OIL COMPANY
SKELLY UNIT WELL NO. 149
DRILLING LOCATION LAYOUT
SCHEMATIC

