

Drawer DD
Artesia, N. 88210RECEIVED BY IN THE OFFICE OF THE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
FEB 27 1984
O.C.D.
ARTESIA OFFICE

30-005-62119

5. LEASE DESIGNATION AND SERIAL NO.

NM-54991

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POST, OR WILDCAT

11. SEC. T. R. M. FOR BLM

12. COUNTY OR PARISH

13. STATE

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

15. DISTANCE FROM PROPOSED*

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED

18. DISTANCE FROM PROPOSED LOCATION*

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

24. 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.

25. SIGNED

26. TITLE

27. APPROVAL DATE

28. APPROVED BY

29. CONDITIONS OF APPROVAL, IF ANY:

30. APPROVE SUBJECT TO

31. GENERAL REQUIREMENTS AND

32. SPECIAL STIPULATIONS

33. ATTACHED

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 730, Hobbs, NM 88240

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

At surface Unit Ltr. N, 660' FSL & 1980' FWL

Section 18, T6S, R26E

At proposed prod. zone

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

33 miles northeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3746.2 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5#	920'	584 SXS
9 7/8"	7"	20.00#	1650'	Run only if necessary
7"	4 1/2"	10.5#	4200'	804 SXS

- The subject well will be drilled from surface to 920' with fresh water and gel additives to condition the hole for running casing. From 920' to 4200' (TD) a native mud and brine of sufficient weight and gel additives will be used to control formation pressures and condition the hole for electric logs & running casing.
- The pump & plug method will be used to cement all strings of casing. The 10 3/4" & 7" casing will be cemented to the surface. The 7" casing will be run to approximately 1650' only if lost circulation becomes a problem. The 4 1/2" casing will have the top of cmt. tied into surface/or intermediate casing.
- BOP program attached.

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

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

S/ Richard Bastin Associate District Manager

*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 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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-306
839-171

RINE OF HOLE	SIZE OF CASING	# RIGHT PER FOOT	SETTING DEPTH	
			4200'	1650'
5" 3/4"	10 3/4"	40.2#	930'	
8 7/8"	7"	20.00#	1650'	
9"	4 1/2"	10.5#	4200'	

1. The subject well will be drilled from surface to 930' with additive to condition the hole for running casing. From formation pressures and condition the hole for electric logs. The pump & plug method will be used to cement all struts of native mud and brine of sufficient weight and gel additive additive to condition the hole for running casing.
2. The casing will be cemented to the surface. The 7" casing is merely 1650' only if lost circulation becomes a problem. Have the top of cement tied into surface or intermediate casing. The top program attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSED TO DEEPEN OR PLUG EACH, GIVE DATE OF PRESENT PROPOSAL. IF PROPOSED TO DRILL OR DEEPEN DIRECTIONALLY, GIVE DIRECTIONAL DATA ON SUBSURFACE LOCATIONS AND DEPTHS. PREPARE PROGRAM, IF ANY.

THIS SPACE FOR PLAT(S) OF STATE AGENCY LAND

PLAT NO.

APPROVED BY

CONDITION OF APPROVAL, IF ANY

**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

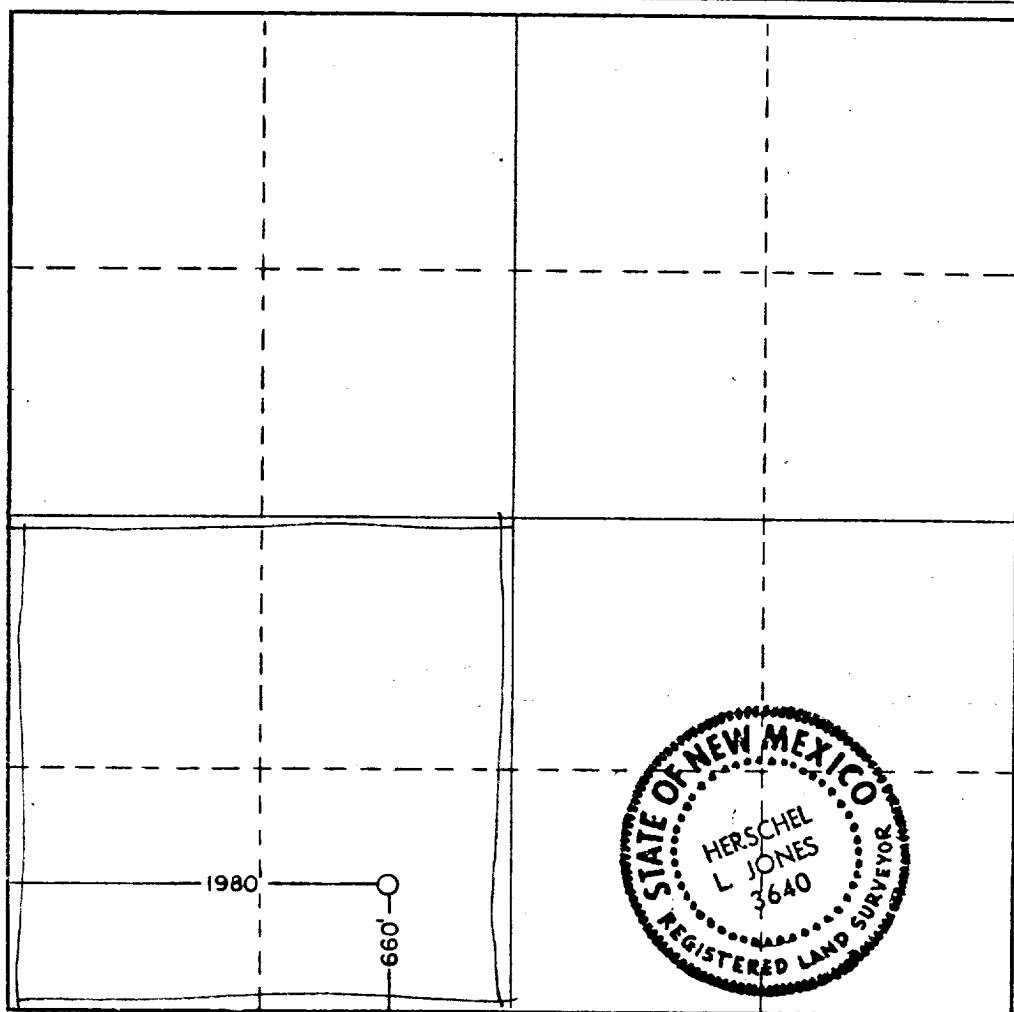
Operator GETTY OIL COMPANY			Lease Getty "PS" Federal 18		Well No. 1
Unit Letter N	Section 18	Township 6 South	Range 26 East	County Chaves	
Actual Footage Location of Well:					
660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3746.2	Producing Formation Abo	Pool Perry Stone Abo	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 _____

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.

Dale R. Crockett

Name
Dale R. Crockett

Position
Area Superintendent

Company
Getty Oil Company

Date
February 15, 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
February 10, 1984

Registered Professional Engineer and/or Land Surveyor

Herschel L. Jones

Certificate No. **3640**

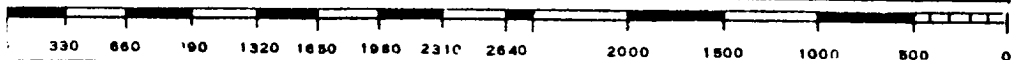
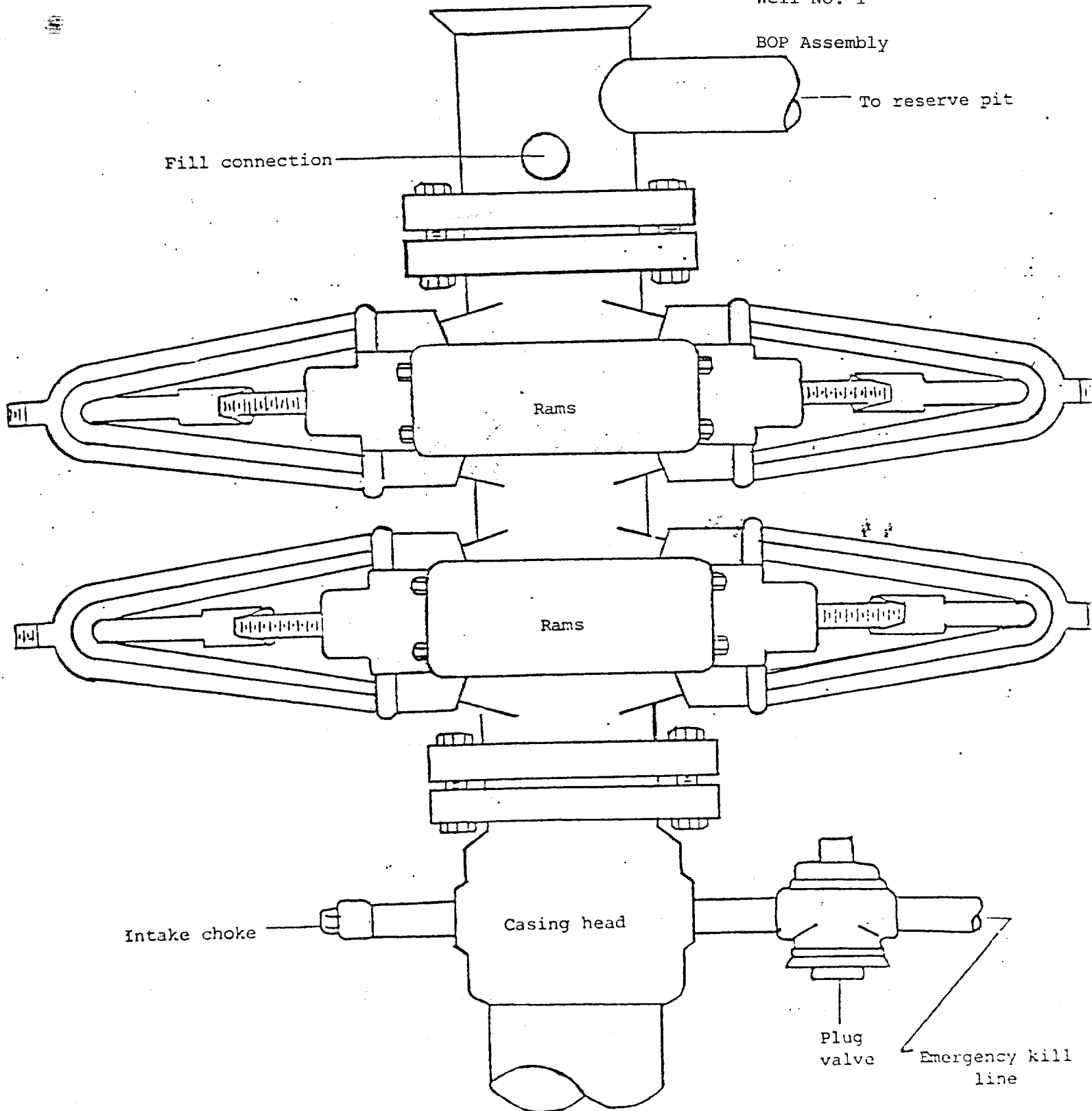


FIGURE 1

Getty Oil Company
Getty P. S. Federal 18
Well No. 1



Getty Oil Company
5000 psi working pressure
Drilling control hookup

ADDITIONAL INFORMATION FOR
"APPLICATION FOR PERMIT TO DRILL"
GETTY OIL COMPANY
GETTY P. S. FEDERAL 18 NO. 1

1. The soil encountered in the area can be classified as a member of the camborthids-calciorthids association.
2. The estimated tops of important geologic markers are as follows:

<u>FORMATION</u>	<u>DEPTH FROM SURFACE</u>	<u>DEPTH SUBSEA</u>
San Andres	545'	+3201'
Glorietta	1615'	+2131'
Tubb	3115'	+631'
Abo	3710'	+36'

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

DEPTH

50' - 545' Possible fresh water
545' - 1615' San Andres - possible oil
3710' - 4200' Abo - possible gas

4. The proposed casing program is as follows:

<u>SIZE</u>	<u>GRADE</u>	<u>THREAD</u>	<u>WEIGHT</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>LENGTH</u>
10 3/4"	H-40	8RST&C	40.5	Surface	920'	920'
* 7"	K-55	8RST&C	20	Surface	1600'	1600'
4 1/2"	K-55	8RST&C	10.5	Surface	4200'	4200'

* Will run only if lost circulation is a problem.

5. The minimum specifications for pressure control equipment to be used--see Figure 1. The BOP stack will be tested to 5000 psi.
6. The drilling fluid from surface to 920' will be fresh water of sufficient gel to condition the hole for running casing. From 920' to 3400', a native mud system will be used with brine and LCM added for stability and seepage. From 3400' to TD, 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.

EXHIBIT "A"

Getty Oil Company
Getty P. S. Federal 18
Well No. 1

660' FSL & 1980' FWL
Section 18, T6S, R26E

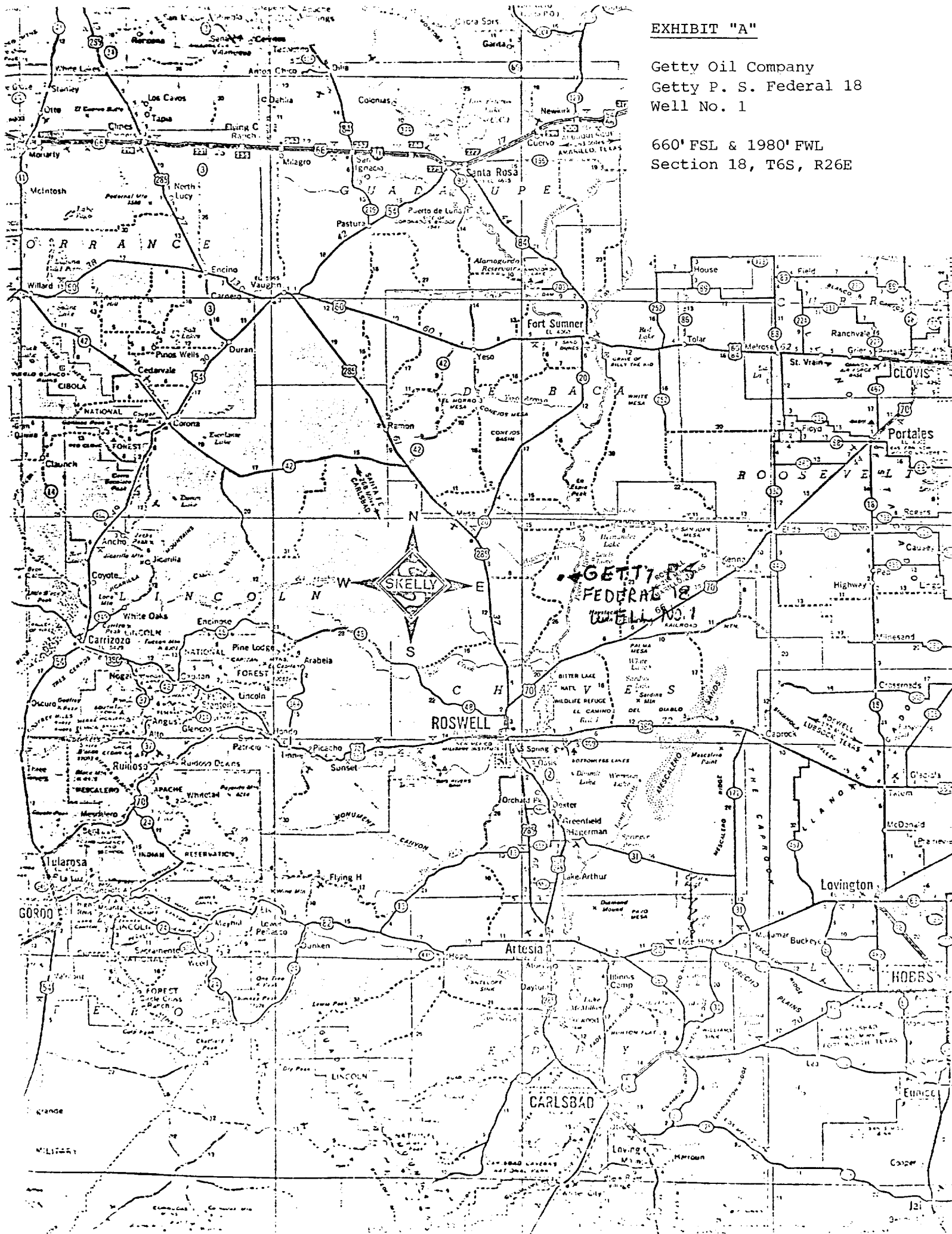


EXHIBIT "D"

Getty Oil Company
Getty P. S. Federal 18
Well No. 1

Drilling Location Layout
Schematic

