

May 27, 1968

Sun Oil Company's Richardson-Federal #1
Wildcat
Chaves County, New Mexico

United States Department of the Interior
U. S. Geological Survey
P. O. Box 1857
Roswell, New Mexico 88201

Gentlemen:

Enclosed you will find in quintuplicate the following papers in connection with the drilling of the above location.

1. Form 9-331 C, "Application for Permit to Drill, Deepen, or Plug Back."
2. Designation of Operator, Form 9-1123.
3. Certified Plat showing location applied for.
4. Well Location and Acreage Dedication Plat (New Mexico Oil Conservation Commission Form C-102).

This operation will be covered by our Nation-wide Oil & Gas Bond #9669022 in the amount of \$150,000.

If the above meets with your approval, we would appreciate receiving a permit to drill this well. It is our understanding that you will forward two copies of the above forms to the New Mexico Oil Conservation Commission office at P. O. Box 1980, Hobbs, New Mexico.

Yours very truly,

SUN OIL COMPANY

By: *[Signature]*

FT:me

cc: Comm. of Public Lands
State of New Mexico
Santa Fe, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL DEEPEN AND/OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NW-0557567

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Richardson-Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASec. 30, T11S-R31E,
N.M.P.M.12. COUNTY OR PARISH
Chaves

13. STATE

New Mexico

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

Sun Oil Company *

3. ADDRESS OF OPERATOR

P. O. Box 2830, Dallas, Texas 75221

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

At surface

660' from S. line & 660' from E. line of Sec. 30, T11S-R31E.

At proposed prod. zone

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

Approx. 36 East of Roswell

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

50

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

-

19. PROPOSED DEPTH

4725

20. ROTARY OR CABLE TOOLS

Rotary

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

4142' GR

22. APPROX. DATE WORK WILL START*

When Approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	3-5/8"	24#	450'	300 sks
7-7/8"	4-1/2"	9.5#	4725'	600 sks

From 450' to Total Depth, the hole will be drilled using Series 600 (2000 psi test) blowout prevention equipment.

A Series 600 wellhead will be used if well is successfully completed.

*Attached is Form 9-1123, Designation of Operator, properly signed by Chevron Oil Company designating Sun Oil Company as Operator of the E/2 of SE/4 of Section 30, T11S-R31E, N.M.P.M., Chaves County, New Mexico.

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. F. A. Lawrence

SIGNED

TITLE

Asst. Division Supt.

DATE

May 27, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.

HOBBS OFFICE O. C. O.
May 28 1968

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: **Santa Fe, New Mexico**

SERIAL NO.: **NM-0557567**

and hereby designates

NAME: **Sun Oil Company**

ADDRESS: **P. O. Box 1861
Midland, Texas 79701**

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

**East Half of the Southeast Quarter (E $\frac{1}{2}$ SE $\frac{1}{4}$) Section 30, Township 11 South,
Range 31 East, N.M.P.M., Chaves County, New Mexico**

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

CHEVRON OIL COMPANY

By

[Signature]
**Vice President, Standard Oil Company
of Texas Division**

By

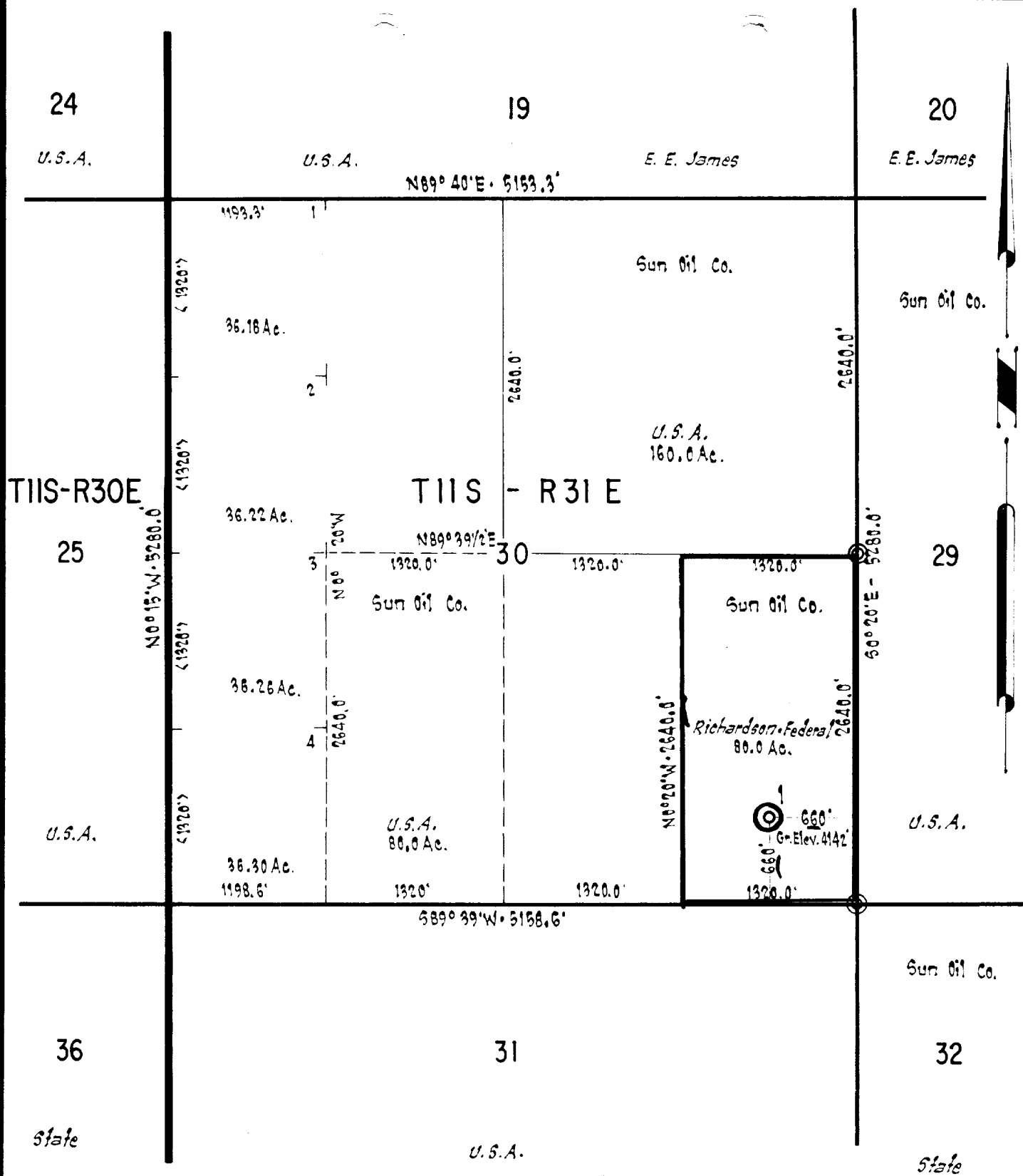
[Signature]
(Signature of lessee)
Assistant Secretary

May 14, 1968

(Date)

P. O. Box 1249, Houston, Texas 77001

(Address)



I, Robert L. Howell, Registered Public Surveyor, certify that this plat is accurately drawn to scale and correctly reflects all pertinent, and required data to the best of my knowledge and belief.

Robert L. Howell

SEC. 30-TIIS - R31E
CHAVES COUNTY, NEW MEXICO
SCALE: 1"=1000'
NMOC NO. 13
5-27-68

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

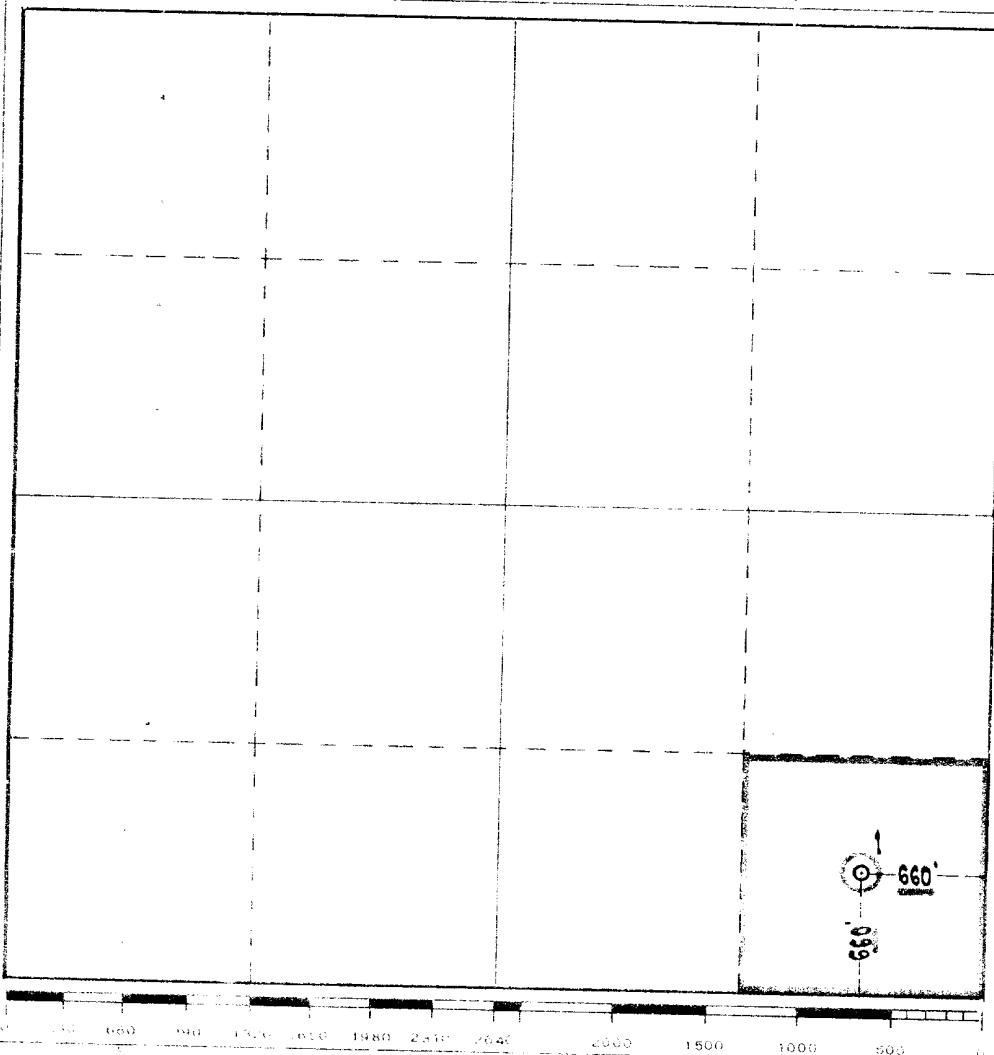
Sun Oil Company		Richardson Federal		Well No. 1
Unit Letter P	Section 30	Township T11S	Range R31E	County Chaves
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line				
Ground Level Elev. 4142'	Producing Formation (San Andres test)	Pool Wildcat	Dedicated Acreage: 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.



CERTIFICATION

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

F. A. Lawrence

Name
F. A. Lawrence

Position
Asst. Division Supt.

Company
Sun Oil Company

Date
May 27, 1968

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

5-24-68

Registered Professional Engineer and/or Land Surveyor

Robert J. Howard

Certificate No.

25-3050