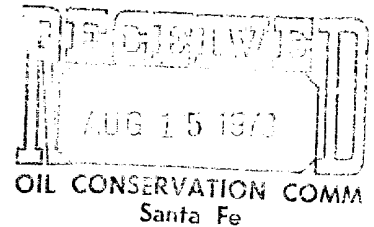


# SHELL OIL COMPANY

PETROLEUM BUILDING  
P.O. BOX 1509  
MIDLAND, TEXAS 79701



August 9, 1973

Subject: Unorthodox Location Request  
Sanger Lease, Well No. 6Y  
Hobbs (Grayburg-San Andres) Field  
Lea County, New Mexico

Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.

Gentlemen:

Shell Oil Company requests administrative approval of an unorthodox location for its Sanger Well No. 6Y in the Hobbs (Grayburg-San Andres) Field, Lea County, New Mexico under Rule 104, Section F of the Rules and Regulations of the Commission. The proposed location is 1220 feet from the north line and 180 feet from the west line of Section 27, Township 18 South, Range 38 East, Lea County, New Mexico.

We request administrative approval of an unorthodox location for this replacement well because of the topographical problems which have developed at the existing Sanger No. 6 location. This well is in the city of Hobbs immediately adjacent to the east curb of Turner Street, a main traffic artery, and is on a city block where a major shopping center is being constructed. We were, of course, aware of the shopping center plans when we drilled Sanger No. 6 at its present location, but felt we could satisfy the building planners by keeping the well clean, attractive and safe. We now feel that it would be in the best interest of all concerned to attempt a replacement of this well for the following reasons:

1. Pacific Coast Properties, the coordinator of the shopping center installation, has made it very clear that they wish to see Sanger No. 6 removed. They feel that the removal of this well from their side of Turner Street would significantly improve the overall appearance and appeal of their shopping location.
2. The probability of Sanger No. 6 being involved in some future personal injury or property damaging accident will be reduced by removing it from this shopping area. The proposed location

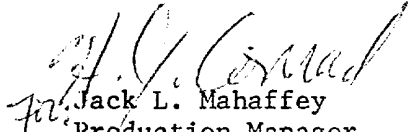
about 300 feet to the southwest will be on the west side of Turner Street in the right-of-way of the Texas-New Mexico Railroad Company spur track to Lovington. This location should never be commercially developed. Shell currently has three other wells on the Sanger lease located in this right-of-way.

3. Sanger No. 6 has never produced as well as was expected when it was drilled. Perhaps even this very short move across Turner Street will place the well in more permeable reservoir rock and improve its producing capability. Should this happen the well will also be much more useful as a possible injector in the waterflood project proposed for this field.

The proposed redrill location for Sanger No. 6Y is in the same proration Unit D as Sanger No. 6 and is the only remaining location in this unit not occupied by private dwellings, commercial structures or utility equipment. Form C-101 and location plats showing the proposed new well site and the surrounding topographical obstructions are attached.

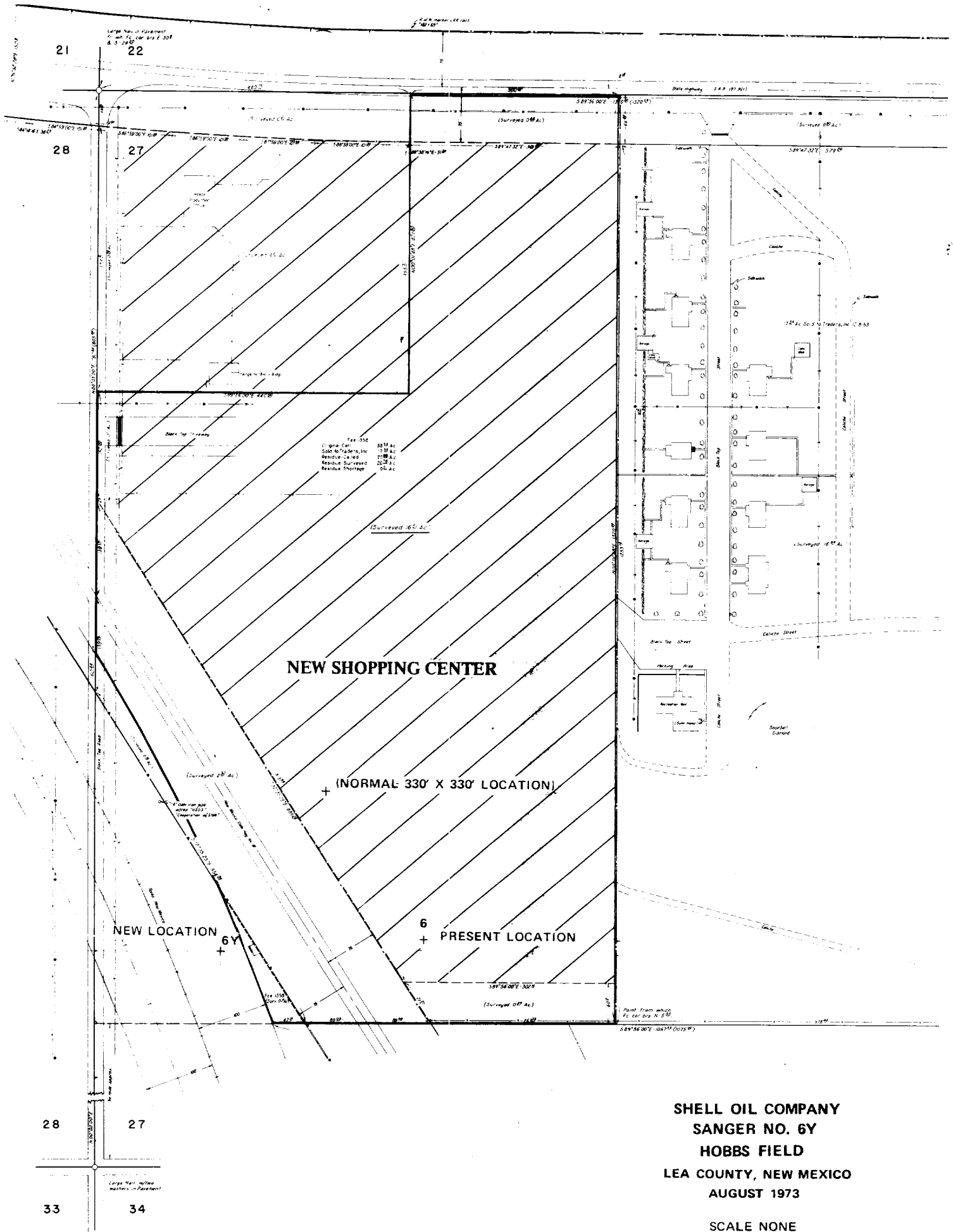
The offset operators to this proration unit have been sent copies of this application.

Yours very truly,

  
Jack L. Mahaffey  
Production Manager  
Mid-Continent Division

WRG:LA

Attachments



SHELL OIL COMPANY  
SANGER NO. 6Y  
HOBBS FIELD  
LEA COUNTY, NEW MEXICO  
AUGUST 1973

SCALE NONE



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LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Sanger	
2. Name of Operator Shell Oil Company		9. Well No. 6Y	
3. Address of Operator P. O. Box 1509, Midland, Texas 79701		10. Field and Pool, or Wildcat Hobbs (G-SA)	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>1220</u> FEET FROM THE <u>North</u> LINE AND <u>180</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>18S</u> RGE. <u>38E</u> NMPM		12. County Lea	
19. Proposed Depth 4400'		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) Est. 3641 DF	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start Upon approval			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13 3/8"	48#	40'	Readymix	Surface
12 1/4"	8 5/8"	24#	400'	275 sx	Surface
7 7/8"	5 1/2"	14#	4400'	450 sx	3600'

BOP Program: 10" Double BOP with blind and pipe rams, 2000# WP, Series 900

A copy of this application was sent to the City of Hobbs, 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed W. R. Greene Title Staff Production Engineer Date 8-6-73

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Supersedes Form No. 1  
Effective 1-1-73

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

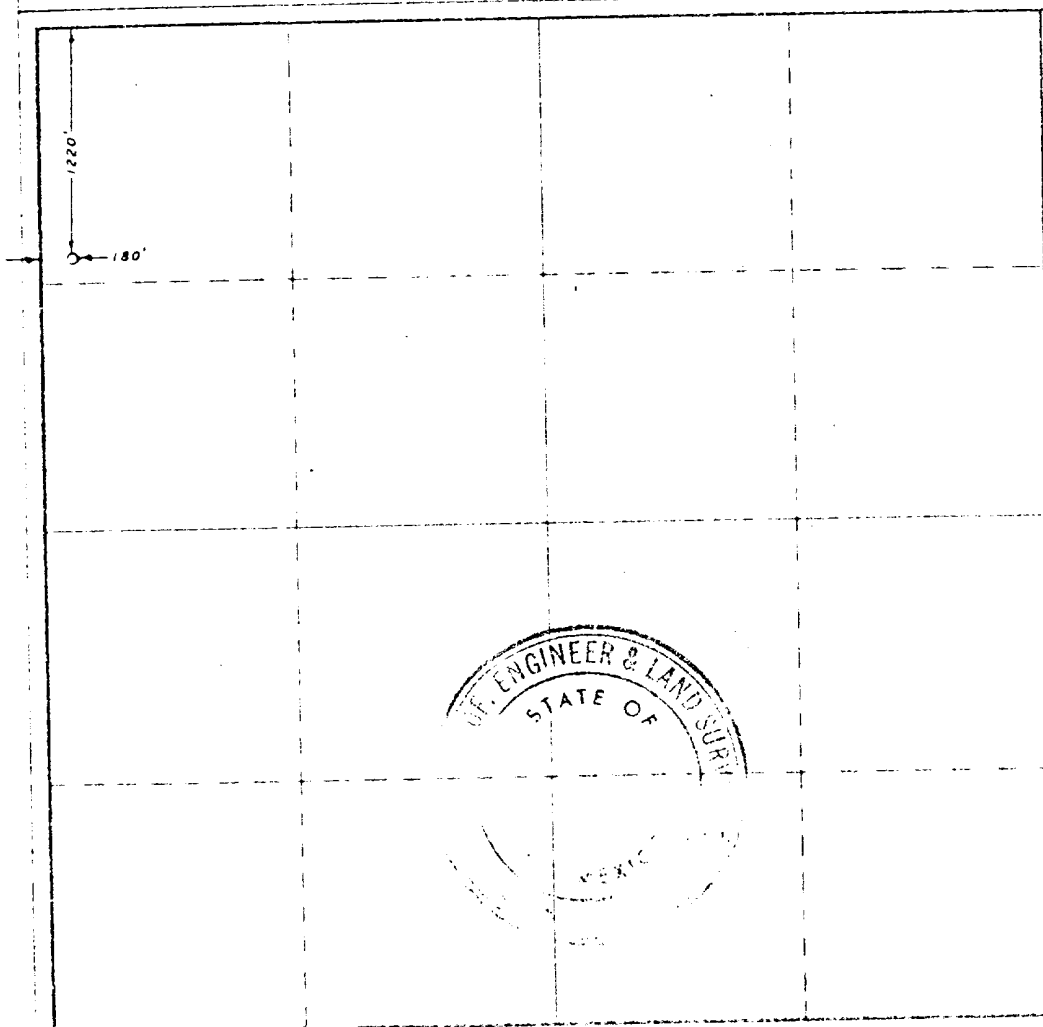
Operator <b>SHELL OIL COMPANY</b>		Lease <b>Sanger</b>		Amount <b>6 Y</b>	
Well Letter <b>D</b>	Section <b>27</b>	Township <b>18 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Article Footage Location of Well: 1220 feet from the north line and 180 feet from the west line.					
Ground Level Elev. <b>Not available</b>	Elevating Elevation <b>Grayburg-San Andres</b>		Pool <b>Hobbs Grayburg San Andres</b>		Estimated Acreage <b>40</b>

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.

*W. R. Greene*

W. R. Greene

Staff Production Engineer

Shell Oil Company

August 1, 1973

I hereby certify that the well location shown on this plat was plotted from the 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.

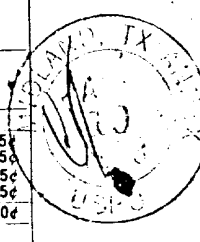
*John W. West*

July 31, 1973

Registered Professional Engineer  
No. 12345 State of New Mexico

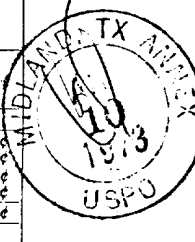
No. 547984

RECEIPT FOR CERTIFIED MAIL—3. (plus postage)

SENT TO Gulf Oil Co. - U. S.		POSTMARK OR DATE 
STREET AND NO. P. O. Box 1150		
P.O., STATE AND ZIP CODE Midland, Texas 79701		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered ..... 15¢ With delivery to addressee only ..... 65¢ 2. Shows to whom, date and where delivered ..... 35¢ With delivery to addressee only ..... 85¢	
DELIVER TO ADDRESSEE ONLY ..... 50¢		
SPECIAL DELIVERY (extra fee required) .....		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL * GPO : 1972 O - 460-743		

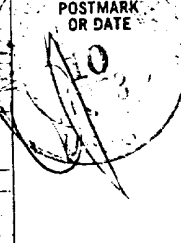
No. 547983

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO Continental Oil Co.		POSTMARK OR DATE 
STREET AND NO. P. O. Box 460		
P.O., STATE AND ZIP CODE Hobbs, New Mexico 88240		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered ..... 15¢ With delivery to addressee only ..... 65¢ 2. Shows to whom, date and where delivered ..... 35¢ With delivery to addressee only ..... 85¢	
DELIVER TO ADDRESSEE ONLY ..... 50¢		
SPECIAL DELIVERY (extra fee required) .....		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL * GPO : 1972 O - 460-743		

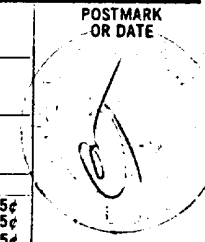
No. 547981

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO Southern Petroleum Explr. Inc.		POSTMARK OR DATE 
STREET AND NO. P. O. Box 1434		
P.O., STATE AND ZIP CODE Roswell, New Mexico 88201		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered ..... 15¢ With delivery to addressee only ..... 65¢ 2. Shows to whom, date and where delivered ..... 35¢ With delivery to addressee only ..... 85¢	
DELIVER TO ADDRESSEE ONLY ..... 50¢		
SPECIAL DELIVERY (extra fee required) .....		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL * GPO : 1972 O - 460-743		

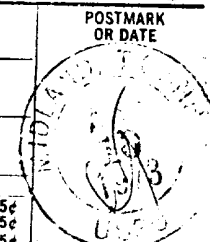
No. 547986

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO Skelly Oil Co.		POSTMARK OR DATE 
STREET AND NO. P. O. Box 1351		
P.O., STATE AND ZIP CODE Midland, Texas 79701		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered ..... 15¢ With delivery to addressee only ..... 65¢ 2. Shows to whom, date and where delivered ..... 35¢ With delivery to addressee only ..... 85¢	
DELIVER TO ADDRESSEE ONLY ..... 50¢		
SPECIAL DELIVERY (extra fee required) .....		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL * GPO : 1972 O - 460-743		

No. 547987

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO City of Hobbs		POSTMARK OR DATE 
STREET AND NO. City Hall		
P.O., STATE AND ZIP CODE Hobbs, New Mexico 88240		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered ..... 15¢ With delivery to addressee only ..... 65¢ 2. Shows to whom, date and where delivered ..... 35¢ With delivery to addressee only ..... 85¢	
DELIVER TO ADDRESSEE ONLY ..... 50¢		
SPECIAL DELIVERY (extra fee required) .....		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL * GPO : 1972 O - 460-743		

No. 547982

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO	Samedan Oil Corp.	POSTMARK OR DATE
STREET AND NO.	2207 Wilco Building	
P.O., STATE AND ZIP CODE	Midland, Texas 79701	
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN	1. Shows to whom and date delivered .....	15¢
RECEIPT	With delivery to addressee only .....	65¢
SERVICES	2. Shows to whom, date and where delivered ..	35¢
	With delivery to addressee only .....	85¢
DELIVER TO ADDRESSEE ONLY		50¢
SPECIAL DELIVERY (extra fee required)		

PS Form 3800  
Apr. 1971

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See other side)

\* GPO : 1972 O - 460-743

No. 547985

RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO	Amoco Production Co.	POSTMARK OR DATE
STREET AND NO.	P O. Box 68	
P.O., STATE AND ZIP CODE	Hobbs, New Mexico 88240	
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN	1. Shows to whom and date delivered .....	15¢
RECEIPT	With delivery to addressee only .....	65¢
SERVICES	2. Shows to whom, date and where delivered ..	35¢
	With delivery to addressee only .....	85¢
DELIVER TO ADDRESSEE ONLY		50¢
SPECIAL DELIVERY (extra fee required)		

PS Form 3800  
Apr. 1971

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See other side)

\* GPO : 1972 O - 460-743