

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form O-104  
Supersedes Old Oil Conservation  
Form O-104  
Effective 1-1-65

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Tesoro Petroleum Corporation

8520 Crownhill Boulevard, San Antonio, Texas 78209

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease Fee
Santa Fe P.R. "A"	81	South Hospah-Lower Sand	State, Federal or Fee	Fee
Location				
Unit Letter	C	2090 Feet From The East Line and 550 Feet From The South		
Line of Section	1	Township 17N Range 9W	McKinley	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Shell Pipe Line Corporation	P. O. Box 1588, Farmington, New Mexico					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
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If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	K	1	17N	9W	--	--

If this production is commingled with that from any other lease or pool, give commingling order number: ---

IV. COMPLETION DATA

Designate Type of Completion -- (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Res'tl. Drill. H. Log
	X		X				
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.		
12-12-69	12-23-69		1655' RKB				
Elevations (LF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth		
7032' GR 7044' RKB	Lower Hospah		1639' GRN Log		1640' RKB		
Perforations					Depth Casing Shoe		
Open hole					1643.5' RKB		
TUBING, CASING, AND CEMENTING RECORD							
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT		
12-1/4"	8-5/8"		62' GR		50 sx w/27Cem		
7-7/8"	5-1/2"		1643.5' RKB		100 sx w/27Cem		
	2-7/8"		1640' RKB				

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top oil allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
12-23-69	12-26-69	Pump	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hours	---	---	---
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
89.00	89.00	trace	Tstm

GAS WELL N/A

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Start-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R. H. Benman

(Signature)

Petroleum Engineer

(Title)

January 7, 1970

(Date)

OIL CONSERVATION COMMISSION

APPROVED

JAN 9 - 1970

BY Original Signed by LINDA C. ARNOLD  
SUPERVISOR DML, JR

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the completion tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for oil wells on new and recompleted wells.

Fill out only sections I, II, III, and VI for changes of lease, well name or number, or transporter or other such changes.

Separate Forms C-104 must be filed for each pool in a well with multiple completions.

# Exemption from liability

1. The defendant must be a person who is  
 a member of the armed forces of a state

2. The defendant must be acting in the course of his or her official duties  
 3. The defendant must be acting in the course of his or her official duties  
 4. The defendant must be acting in the course of his or her official duties

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DEVIATION SURVEY  
SANTA FE R. R. "A" WELL NO. 81  
Completed December 23, 1969

Location: Unit Letter O, 2090' from the East Line and  
550' from the South Line, Section 1, Township  
17 North, Range 9 West, McKinley County, New Mexico

<u>Depth</u>	<u>Deviation Degrees</u>
613'	1/2°
1651'	1-1/2°
1655' T.D.	1-1/2°



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Certification of personal knowledge deviation data:

I hereby certify that I have personal knowledge of the data and facts placed on this instrument, and that such information given above is true and complete.

TESORO PETROLEUM CORPORATION

By

R. H. Denman  
R. H. Denman

STATE OF TEXAS    ()

COUNTY OF BEXAR   ()

Before me, the undersigned authority, personally appeared R. H. Denman, known to me to be the person whose name is subscribed hereto, and having been by me duly sworn upon his oath does say, that the facts and circumstances set out herein are true and correct.

Sworn and subscribed to before me, this 7th day of January, 1970.

Betty Kay Lindley  
Notary Public in and for  
Bexar County, Texas

My commission expires:

June 1, 1971