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U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PERORATION OFFICE		

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

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
TEXACO Inc.
Address
P. O. Box 728, Hobbs, New Mexico 88240
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
Vacuum Grayburg Well No. **32** **San Andres Unit** Kind of Lease **State** Federal or Fee
San Andres Unit Lease No. **B-1306**
Location
Unit Letter **L** **30** Feet From The **West** Line and **2630** Feet From The **South**
Line of Section **1** Township **18-S** Range **34-E**, NMPM, **Lea** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS
Name of Authorized Transporter of Oil ☒ or Condensate ☐
Texas-New Mexico Pipeline Co. Address (Give address to which approved copy of this form is to be sent)
P. O. Box 1510, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐
TEXACO Inc. Address (Give address to which approved copy of this form is to be sent)
P. O. Box 728, Hobbs, New Mexico 88240
Does well produce oil or liquids, give location of tanks. Unit **F** Sec. **2** Twp. **18-S** Rge. **34-E** Is gas actually connected? **Yea** When **2-3-73**
If this production is commingled with that from any other lease or pool, give commingling order number: **CTB-73**

IV. COMPLETION DATA
Designate Type of Completion - (X) Oil Well ☒ Gas Well ☐ New Well ☒ Workover ☐ Deepen ☐ Plug Back ☐ Same Res'v. ☐ Diff. Res'v. ☐
Date Spudded **1-9-73** Date Compl. Ready to Prod. **1-28-73** Total Depth **4800'** P.B.T.D. **4789'**
Elevations (DF, RKB, RT, GR, etc.) **3999' GR** Name of Producing Formation **Vacuum Grayburg** Top Oil/Gas Pay **4333** Tubing Depth **4752**
Perforations **2 JSPI @ 4333, 45, 70, 81, 90, 98, 4407, 15, 24, 31, 40, 51, 65, 74, 84, 90, 4502, 44, 52, 59, 66, 75, 80, 92, 4612, 13, 47, 59, 64, 70, 81, 89,** Depth Casing Shoe
TUBING, CASING, AND CEMENTING RECORD 94, 4701, 38 & 4750'.
HOLE SIZE **12 1/8"** CASING & TUBING SIZE **8 5/8"** DEPTH SET **353'** SACKS CEMENT **300**
7 7/8" **5 1/2"** **4800'** **500**

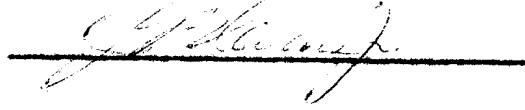
V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)
Date First New Oil Run To Tanks **1-28-73** Date of Test **2-3-73** Producing Method (Flow, pump, gas lift, etc.) **Pump**
Length of Test **24 hrs.** Tubing Pressure **-** Casing Pressure **-** Choke Size **-**
Actual Prod. During Test **226** Oil - Bbls. **207** Water - Bbls. **19** Gas - MCF **493**

GAS WELL
Actual Prod. Test - MCF/D **-** Length of Test **-** Bbls. Condensate/MMCF **-** Gravity of Condensate **-**
Testing Method (pitot, back pr.) **-** Tubing Pressure (shut-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.
Asst. Dist. Supt. (Signature)
2-6-73 (Date)


OIL CONSERVATION COMMISSION
APPROVED **John W. Runyan**, 19 **73**
BY **John W. Runyan**
TITLE **Asst. Dist. Supt.**
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 deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

I, J. G. Blevins, Jr., being of lawful age and being the Assistant District Superintendent for TEXACO Inc., do state that the deviation record which appears on this form is true and correct to the best of my knowledge.



Subscribed and sworn to before me this 22nd day of January, 1973.

My Commission expires February 24, 1973


B.F. Hohimer - Notary Public,
in and for Lea County, State of
New Mexico

Lease - New Mexico 'R' State NCT-3

Well No. 18

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES OFF</u>
353	1/2
829	3/4
1,317	3/4
1,804	1
2,110	1/2
2,600	1
2,933	1-3/4
3,370	2
3,800	2-1/2
3,992	2
4,076	2
4,283	1-3/4
4,800 TD	1-1/2

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \frac{1}{x} \int_0^x f(t) dt$$

where $f(x)$ is a function defined on the interval $[0, 1]$.

It is

known that the function $f(x)$ satisfies the equation

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