

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

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

I. Operator
John L. Cox
Address
408 West Wall, Midland, Texas 79701
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Give address to which approved copy of this form is to be sent)
**CASINGHEAD GAS MUST NOT BE
FLARED AFTER 9/22/73
UNLESS AN EXCEPTION TO R-4070
IS OBTAINED.**

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal	Well No. 1	Pool Name, including Formation West Sawyer (San Andres)	Kind of Lease State, Federal or Fee Federal	Lease No. NM-050475
Location Unit Letter <u>P</u> ; <u>660</u> Feet From The <u>S</u> Line and <u>810</u> Feet From The <u>East</u> Line of Section <u>22</u> Township <u>9S</u> Range <u>37E</u> , NMPM, <u>Lea</u> 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"/> Mobil Oil Corporation - Trucks	Address (Give address to which approved copy of this form is to be sent) Box 900, Dallas, Texas 75201	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> None Designated	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit P	Sec. 22
	Twp. 9S	Rge. 37E
	Is gas actually connected? No	When

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 <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 7-9-73	Date Compl. Ready to Prod. 7-22-73		Total Depth 5085		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) 3966 GR	Name of Producing Formation San Andres		Top Oil/Gas Pay 4997		Tubing Depth 4950			
Perforations 4997-5009 w/7 holes					Depth Casing Shoe 5085			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8"		433'		375 sx.			
7 7/8"	4 1/2"		5085'		250 sx.			

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 7-22-73	Date of Test 7-23-73	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24 Hrs.	Tubing Pressure 200	Casing Pressure ---	Choke Size 24/64"
Actual Prod. During Test	Oil-Bbls. 193	Water-Bbls. 10	Gas-MCF 56

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.

Marta Kitterback
(Signature)
Production Clerk
(Title)
July 24, 1973
(Date)

OIL CONSERVATION COMMISSION
APPROVED Jul 26 1973, 19____
BY Supervisor
TITLE SUPERVISOR DISTRICT I

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.
Separate Forms C-104 must be filed for each pool in multiply

July 23, 1973

Deviation surveys taken on John L. Cox's Federal #1, Section 22,
T-9-S, R-37-E, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
433	1/2
928	3/4
1395	1
1895	1
2198	1 1/4
2572	1
3061	3/4
3919	1/2
4364	3/4
4469	1/2
4643	1/2
4829	3/4
5010	1/4
5085	1/4


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


Sherman H. Norton
Sitton and Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr.

Sworn and subscribed to before me, this the 23 day of July, 1973.


Notary Public in and for Lubbock County,
Texas.

1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system.

The following table shows the results of the experiments.

Factor	Performance
Factor 1	High
Factor 2	Medium
Factor 3	Low
Factor 4	High
Factor 5	Medium
Factor 6	Low
Factor 7	High
Factor 8	Medium
Factor 9	Low
Factor 10	High

The results indicate that the performance of the system is significantly affected by the factors studied.

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