

## CORRECTED REPORT

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASForm C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

1. Operator: AMERICAN PETROFINA CO. OF TX

Address: Box 1311, Big Spring, TX 79720

Reason(s) for filing (Check proper box) Other (Please explain)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		CORRECTED COPY of C-104 submitted 3-30-76
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>	
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>	

Other (Please explain):

If change of ownership give name  
and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

Lease Name	Johns "B"	Well No.	5	Pool Name, including Formation	Corbin, Abo	Kind of Lease	Federal	Lease No.	058408(b)
Location	Unit Letter P ; 330 Feet From The South Line and 660 Feet From The East								
Line of Section	26	Township	17-S	Range	32-E	NMPM,	Lea	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"/>	Tesoro Crude Oil Company			Address (Give address to which approved copy of this form is to be sent)		
			823 Midland Tower, Midland, TX 79701			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Continental Oil Company			Address (Give address to which approved copy of this form is to be sent)		
			Box 2197, Houston, TX 77001			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Range	Is gas actually connected?	When
	P	26	17-S	32-E	No	7 to 10 days

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	Same Res'v.	Diff. Res'v.
			X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
11-27-75	1-14-76		8799'		8779'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
3969 DF	Abo		8394'		8350'			
Perforations					Depth Casing Shoe			
8710' - 8764' and 8394' - 8515'					8799'			

## TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17"	13-3/8"	353'	350
11"	8-5/8"	4459'	600
7-7/8"	5-1/2"	8799'	300

## 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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
1-14-76	3-28-76	Pump	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hr	--	--	--
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
86	66	20	172

## 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.

J. C. Chapman J. C. Chapman  
(Signature)  
Asst. District Mgr. of Production  
(Title)

April 5, 1976

(Date)

## OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY John W. Runyan  
Geologist  
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 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.

(Form C-104 approved 2-2-76 and 3-4-76 for transporting test production)

WJP/js

$$\begin{aligned}
&A_{\text{eff}} = 0.01, \quad B_{\text{eff}} = 0.005, \quad C_{\text{eff}} = 0.005, \quad D_{\text{eff}} = 0.005, \\
&\quad E_{\text{eff}} = 0.005, \quad F_{\text{eff}} = 0.005, \quad G_{\text{eff}} = 0.005, \\
&\quad H_{\text{eff}} = 0.005, \quad I_{\text{eff}} = 0.005, \quad J_{\text{eff}} = 0.005, \quad K_{\text{eff}} = 0.005.
\end{aligned}$$

Table 10: The model coefficients for the  $100\text{ GeV}$   $h \rightarrow b\bar{b}$   $\text{BFCL}_{\text{eff}}$  cross section,  $\sigma_{\text{eff}}(h \rightarrow b\bar{b})$ .

$\mu_{\text{eff}} [\text{TeV}]$	$\sigma_{\text{eff}}(h \rightarrow b\bar{b}) [\text{pb}]$
0.050	1/5
0.055	1/5
0.077	1/5
0.077	1
0.077	1/5
0.428	3/5
0.777	1
0.777	1
3.525	4/5
3.590	1
3.592	1
5.077	1-1/5
5.355	1
5.460	3/5
5.853	1/5
5.103	3/5
5.358	1/5
5.609	1/5
5.853	1/5
5.103	1/5
5.456	3/5
5.891	3/5
5.639	1
5.923	1
7.177	1
7.523	1
7.699	1
7.699	1
30.55	5
30.56	5-1/5
31.43	5
31.75	5-3/5
32.06	5-1/5
32.04	5
33.50	6-1/5
34.55	5-1/5
35.57	5-1/5
37.65	5

$$\text{BR}(h \rightarrow b\bar{b}) = 0.0011, \quad \text{BR}(h \rightarrow b\bar{b}) = 0.0011.$$

$$\text{BR}(h \rightarrow b\bar{b}) = \frac{\sigma_{\text{eff}}(h \rightarrow b\bar{b})}{\sigma_{\text{eff}}(h \rightarrow b\bar{b}) + \sigma_{\text{eff}}(h \rightarrow \text{other})}$$

$$\text{BR}(h \rightarrow b\bar{b}) = 0.0011$$

$$\text{BR}(h \rightarrow b\bar{b}) = 0.0011$$