

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-104  
Revised 10-01-78  
Format 06-01-83  
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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

I. Operator **MURPHY OPERATING CORPORATION**

Address **P. O. Box 2648, Roswell, New Mexico 88202-2648**

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain) **Approval to flare casinghead gas from this well must be obtained from the BUREAU OF LAND MANAGEMENT (BLM)**

If change of ownership give name of this well has been placed in the pool and address of previous owner designated below. If you do not concur, notify this office.

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>SOUTH CORBIN FEDERAL</b>	Well No. <b>1</b>	Production, including formation <b>Yates Sandstone</b>	Kind of Lease <b>Fed.</b>	Lease No. <b>NM-61604</b>
Location Unit Letter <b>B</b> : <b>455</b> Feet From The <b>North</b> Line and <b>2310</b> Feet From The <b>East</b> Line of Section <b>20</b> Township <b>28</b> South Range <b>33</b> East, 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"/> <b>The Permian Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1183, Houston, Texas 77251-9988</b>
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)
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <b>B</b> Sec. <b>20</b> Twp. <b>18-S</b> Rge. <b>33-E</b>	<b>no, vented</b>

If this production is commingled with that from any other lease or pool, give commingling order number: **20 HC-671**

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

MURPHY OPERATING CORPORATION

*Lois N. Brown*  
Lois N. Brown (Signature)  
Production Clerk  
(Title)  
June 1, 1987  
(Date)

OIL CONSERVATION DIVISION  
APPROVED **OCT 20 1987**, 19  
BY **Eddie W. Seay**  
TITLE **Oil & Gas Inspector**

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 completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well X	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 2-28-86	Date Compl. Ready to Prod. 5-20-86		Total Depth 11,392'		P.B.T.D. 11,356'				
Elevations (DF, RKB, RT, GR, etc.) 3860' RKB - 3842' GR	Name of Producing Formation Yates Sandstone		Top Oil/Gas Pay 3034'		Tubing Depth 7449'				
Perforations 3036', 3037', 3038', 3039', 3040', 3041', 3042', 3043', 3044', 3045', 3046', 3047', 3048', 3049', 3050', 3051'						Depth Casing Shoe 11391'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
17-7/8"	13-3/8" 54.5# J-55		381'		420 sx. Class C Circ. 85sx.				
	8-5/8" 24# & 32# J-55		2931'		1165 Lite 150 Class C				
7-7/8"	5-1/2" 17# N-80		11391'		circ. 110 sx.				
	2-7/8" 6.4# N-80		7449'						

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (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 4-23-87	Date of Test 4-23-87	Producing Method (Flow, pump, gas lift, etc.) pumping	
Length of Test 24 hrs.	Tubing Pressure NA	Casing Pressure 8#	Choke Size 2"
Actual Prod. During Test 1 BF	Oil - Bbls. 1	Water - Bbls. 0	Gas - MCF TSTM

#### GAS WELL

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

RECEIVED  
 JUN 3 1987  
 OGD  
 HOBBS OFFICE