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Appropriate District Office  
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DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator <b>Chevron U.S.A., Inc.</b>	Well API No. <b>30-025-31559</b>
Address <b>P.O. Box 1150 Midland, TX 79702</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator	

### II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Arrowhead Grayburg Unit</b>	Well No. <b>178</b>	Pool Name, Including Formation <b>Arrowhead Grayburg</b>	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter <b>N</b>	<b>510</b>	Feet From The <b>South</b>	Line and <b>1980</b>	Feet From The <b>West</b>
Section <b>1</b>	Township <b>22S</b>	Range <b>36E</b>	<b>NMPM</b>	Lea <b>County</b>

### III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <b>Texas New Mexico Pipeline</b> <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 2528, Hobbs, NM 88240</b>					
Name of Authorized Transporter of Casinghead Gas <b>Texaco Expl &amp; Prod Inc.</b> <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 3000, Tulsa, OK 74102</b>					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?
		<b>1</b>	<b>22S</b>	<b>36E</b>	<b>Yes</b>	<b>5/16/92</b>

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	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <b>4/27/92</b>	Date Compl. Ready to Prod. <b>5/16/92</b>		Total Depth <b>3915'</b>		P.B.T.D. <b>3850'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>3498' GE</b>	Name of Producing Formation <b>Grayburg</b>		Top Oil/Gas Pay <b>3757'</b>		Tubing Depth <b>3774'</b>			
Perforations <b>3757'-3837'</b>					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<b>12-1/4"</b>	<b>8-5/8"</b>		<b>1201'</b>		<b>900 sx</b>			
<b>7-7/8"</b>	<b>5-1/2"</b>		<b>3915'</b>		<b>700 sx</b>			
	<b>2-3/8"</b>		<b>3774'</b>					

### 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.)

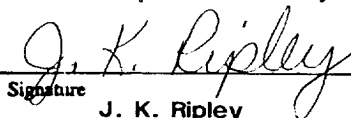
Date First New Oil Run To Tank <b>5/16/92</b>	Date of Test <b>5/19/92</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pumping</b>	
Length of Test <b>24 hrs</b>	Tubing Pressure <b>35#</b>	Casing Pressure <b>35#</b>	Choke Size <b>2"</b>
Actual Prod. During Test <b>167</b>	Oil - Bbls. <b>16</b>	Water - Bbls. <b>151</b>	Gas- MCF <b>11</b>

### 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

### VI. OPERATOR 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 above is true and complete to the best of my knowledge and belief.

  
Signature **J. K. Ripley** Tech Assistant  
Printed Name **5/22/92** Title  
Date **(915)687-7148** Telephone No.

### OIL CONSERVATION DIVISION

**MAY 27 '92**

Date Approved

By **JOHN L. GORDON BY JERRY GORDON**

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.