

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Robert N. Enfield	Well API No. 31-025-31652
Address P. O. Box 2431, Santa Fe, NM 87504	
Reason(s) for Filing (Check proper box) New Well <input checked="" type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Other (Please explain) 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

THIS WELL HAS BEEN PLACED IN THE POOL  
DESIGNATED BELOW. IF YOU DO NOT CONCUR  
NOTIFY THIS OFFICE. R9843

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hudson "31" Federal	Well No. 1	Pool Name, including Formation <del>Undesignated</del> Buffalo Queen	Kind of Lease <del>State</del> Federal <input checked="" type="checkbox"/> <del>Lease</del> <input checked="" type="checkbox"/> <del>Reex</del> <input checked="" type="checkbox"/>	Lease No. LC-069276
Location Unit Letter <u>H</u> : <u>2310</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>31</u> Township <u>18 South</u> Range <u>33 East</u> , 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"/> Petro Source Partners, Ltd.	Address (Give address to which approved copy of this form is to be sent) 9801 Westheimer, Suite 900, Houston, TX 77042					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Conoco Inc.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1267, Ponca City, OK 74603					
If well produces oil or liquids, give location of tanks.	Unit <u>H</u>	Sec. <u>31</u>	Twp. <u>18S</u>	Rge. <u>33E</u>	Is gas actually connected? <u>No</u>	When? <u>Approximately 1/15/93</u>

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 <u>10/15/92</u>	Date Compl. Ready to Prod. <u>11/6/92</u>		Total Depth <u>4550'</u>		P.B.T.D. <u>4483'</u>			
Elevations (DF, RKB, RT, GR, etc.) <u>3743 GR</u>	Name of Producing Formation <u>Queen</u>		Top Oil/Gas Pay <u>4423</u>		Tubing Depth			
Perforations <u>4423 - 4432'</u>					Depth Casing Shoe <u>4549</u>			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>12-1/4 "</u>	<u>8-5/8"</u>		<u>418'</u>		<u>275</u>			
<u>7-7/8 "</u>	<u>4-1/2"</u>		<u>4550</u>		<u>1675</u>			

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 <u>11/7/92</u>	Date of Test <u>12/8/92</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pumping</u>	
Length of Test <u>24</u>	Tubing Pressure	Casing Pressure <u>5</u>	Choke Size
Actual Prod. During Test <u>75</u>	Oil - Bbls. <u>75</u>	Water - Bbls. <u>5</u>	Gas- MCF <u>TSTM</u>

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.

Robert N. Enfield  
Signature  
Robert N. Enfield Operator  
Printed Name  
12/11/92 505-988-2863  
Date Telephone No.

OIL CONSERVATION DIVISION

DEC 15 '92

Date Approved

By Paul R. Enfield  
Signed by  
Geologist

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.