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P.O. Box 1980, Hobbs, NM 88240  
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**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator Harken Exploration Company		Well API No. 30-025-26331
Address P. O. Box 10626, Midland, TX 79702		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator <i>Spectrum 7 Expl. Co. 1610 N J, Midland TX 79701</i>		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal 12	Well No. 1	Pool Name, Including Formation <i>Lea Bone Springs</i>	Kind of Lease State, Federal or Fee Federal	Lease No. NM-56251
Location Unit Letter <u>G</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>12</u> Township <u>19S</u> Range <u>32E</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"/>	Address (Give address to which approved copy of this form is to be sent) <i>Lantern Petroleum Corporation</i> P. O. Box 2281, Midland, TX 79702					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <i>Conoco</i> P. O. Box 1959, Midland, TX 79702					
If well produces oil or liquids, give location of tanks.	Unit <u>G</u>	Sec. <u>12</u>	Twp. <u>19S</u>	Rge. <u>32E</u>	Is gas actually connected? <u>Yes</u>	When? <u>3/25/86</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 <u>XXXX</u>	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <u>9/30/85</u>	Date Compl. Ready to Prod. <u>10/23/85</u>		Total Depth <u>8931</u>		P.B.T.D. <u>8912</u>			
Elevations (DF, RKB, RT, GR, etc.) <u>3656.5' GR</u>	Name of Producing Formation <u>Lea Bone Springs</u>		Top Oil/Gas Pay <u>8795</u>		Tubing Depth <u>8785</u>			
Perforations <u>8795-8820' w/1/4" shot/ft - 25 holes</u>						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>17 1/2</u>	<u>13 3/8</u>		<u>500</u>		<u>Set by Inexco</u>			
<u>12 1/4</u>	<u>8 5/8</u>		<u>5100</u>		<u>Set by Inexco</u>			
<u>7 7/8</u>	<u>5 1/2</u>		<u>8920</u>		<u>275 sx 50/50 Poz H</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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, 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.

*Jim McAninch*  
Signature  
Jim McAninch, Dist. Operations Manager  
Printed Name  
8/30/89 (915) 684-7732  
Date Telephone No.

OIL CONSERVATION DIVISION

SEP ' 1 1989

Date Approved

By

Orig. Signed by  
Paul Kautz  
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.

RECEIVED  
AUG 31 1989  
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HOBBS OFFICE