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Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

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

DEC 21 '89

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

ARTESIA, NM 88210

Operator <b>Harken Exploration Company</b>		Well API No.
Address <b>P. O. Box 10626, Midland, TX 79702</b>		
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 <b>Spectrum 7 Exploration Co., P.O. Box 10626, Midland, TX 79702</b>		

### II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>State "24"</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>E. Red Lake Queen Grayburg</b>	Kind of Lease <b>State, Federal or Fee</b>	Lease No. <b>LG=3965</b>
Location Unit Letter <b>I</b> : <b>330</b> Feet From The <b>East</b> Line and <b>1653</b> Feet From The <b>South</b> Line Section <b>24</b> Township <b>16S</b> Range <b>28E</b> , NMPM, <b>Eddy</b> 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>Navajo Refining Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Drawer 159, Artesia, NM 88210</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.	Unit <b>0</b>	Sec. <b>24</b>
	Twp. <b>16S</b>	Rge. <b>28E</b>
Is gas actually connected?		When?

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 <b>X</b>	Gas Well	New Well <b>X</b>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <b>7/27/87</b>	Date Compl. Ready to Prod. <b>8/14/87</b>		Total Depth <b>1770'</b>		P.B.T.D. <b>1700'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>3578.7 GR</b>	Name of Producing Formation <b>Penrose</b>		Top Oil/Gas Pay <b>1633'</b>		Tubing Depth <b>1600'</b>			
Perforations <b>1636, 37, 38, 39, 40, 41, 42, 43, 44, 45 &amp; 46</b>				Depth Casing Shoe <b>1768'</b>				
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>310</b>		<b>220</b> <b>Int ID-3</b>			
<b>7 7/8</b>	<b>4 1/2</b>		<b>1768</b>		<b>490</b> <b>1-6-80</b>			
	<b>2 3/8</b>		<b>1600</b>		<b>shy up</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.)

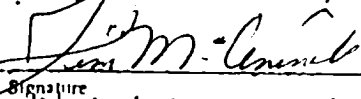
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

### 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.

  
Signature **Jim McAninch**  
District Operations Manager  
Printed Name **12-20-89** (915) 684-7732 Title  
Date Telephone No.

### OIL CONSERVATION DIVISION

Date Approved **DEC 26 1989**

By **ORIGINAL SIGNED BY**  
**MIKE WILLIAMS**  
Title **SUPERVISOR, DISTRICT II**

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.