

OIL CONSERVATION DIVISION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1. OPERATOR	
HNG OIL COMPANY	
Address P. O. Box 2267, Midland, Texas 79702	
Reason(s) for filing (Check proper box)	
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 Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	
If change of ownership give name and address of previous owner	

2. DESCRIPTION OF WELL AND LEASE				
Lease Name Diamond 5 Federal	Well No. 3	Pool Name, including Formation Pitchfork Ranch /Atoka/ <i>Gas</i>	Kind of Lease State, Federal or Fee Federal	Lease No. NM 1449
Location Unit Letter <u>C</u> : <u>660</u> Feet From The <u>north</u> Line and <u>2230</u> Feet From The <u>west</u>				
Line of Section <u>5</u> Township <u>25S</u> Range <u>34E</u> , NMPM, Lea County				

3. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS				
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent)		
Enron Oil Trading & Transportation Inc.		P. O. Box 20108, Shreveport, LA 71120		
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent)		
Transwestern Pipeline Company		P. O. Box 2521, Houston, Texas 77002		
If well produces oil or liquids, give location of tanks.	Unit C	Sec. 5	Twp. 25S	Rge. 34E
		Is gas actually connected? <input checked="" type="checkbox"/> When		
		No		

If this production is commingled with that from any other lease or pool, give commingling order number:				
4. COMPLETION DATA				
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover
		X	X	
Date Spudded 8/7/86	Date Compl. Ready to Prod. 9/23/86	Total Depth 14,100'	P.B.T.D. 14,029'	
Elevations (DF, RKB, RT, CR, etc.) 3412.4' GR	Name of Producing Formation Atoka	Top Oil/Gas Pay 13961'	Tubing Depth 2-7/8" at 13,071'	
Perforations 13961 to 13969			Depth Casing Shoe	

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
15-1/4"	11-3/4"	637'	250 DLW & 165 C1 C
10-5/8"	8-5/8"	5170'	1350 DLW & 275 C1 C
7-7/8"	5-1/2"	13350'	950 DLW & 450 C1 H
4-3/4"	3-1/2" Liner	14100' TOL: 13024'	110 sacks Class H

5. 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 Tanks	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

6. GAS WELL			
Actual Prod. Test - MCF/D 2300	Length of Test 24 hours	Bbls. Condensate/MMCF 21	Gravity of Condensate 49.0
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 6200	Casing Pressure (Shut-in) Sealed	Choke Size 12/64"

7. CERTIFICATE OF COMPLIANCE		OIL CONSERVATION DIVISION	
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.		APPROVED <u>MAR 24 1987</u> , 19	
BY <u>Betty Gildon</u> Regulatory Analyst (Title) October 2, 1986 (Date)		BY <u>ORIGINAL SIGNED BY JERRY SEXTON</u> DISTRICT I SUPERVISOR	
		TITLE _____	
		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 deviate 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 multiple completed wells.	

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