

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	
OIL	
GAS	
OPERATOR	
PRODUCTION OFFICE	

Operator Harper Oil Company	
Address 904 Hightower Building Oklahoma City, Oklahoma 73102	
Reason(s) for filing (Check proper box)	Other (Casinghead Gas MUST NOT BE FLARED AFTER 12/1/81 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.)
New Well <input checked="" type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	

If change of ownership give name and address of previous owner

THIS WELL HAS BEEN PLACED IN THE POOL  
DESIGNATED BELOW. IF YOU DO NOT CONCUR  
NOTIFY THIS OFFICE. R-6810 (11-1-81)

## DESCRIPTION OF WELL AND LEASE

Lease Name Warfield-State	Well No. 1-Y	Pool Name, Including Formation East Hightower <i>Upper</i> <i>Lower Penn</i>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <u>B</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1880</u> Feet From The <u>East</u> Line of Section <u>31</u> Township <u>12S</u> Range <u>34E</u> , NMPM, <u>Lea</u> County				

## DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Production (Trucking)	Address (Give address to which approved copy of this form is to be sent) P.O. Box 591 Tulsa, Oklahoma 74102	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1589 Tulsa, Oklahoma 74102	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 31
	Twp. 12S	Rge. 34E
	Is gas actually connected? <input type="checkbox"/> When	

If this production is commingled with that from any other lease or pool, give commingling order number:

## COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 3-27-81	Date Compl. Ready to Prod. 7-18-81	Total Depth 10,434		P.B.T.D. 10,174				
Elevations (DF, RKB, RT, GR, etc.) 4218.8 KB, 4203.8 GR	Name of Producing Formation Bough	Top Oil/Gas Pay 9920'		Tubing Depth 10,026'				
Perforations 9920'-37' & 9987'-9991'				Depth Casing Shoe 10,434'				

## TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	362'	400
12 1/2"	8 5/8"	4187'	2050
7 7/8"	5 1/2"	10434'	660
---	2 7/8"	10,026'	---

## 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 7-16-81	Date of Test 7-18-81	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure ----	Casing Pressure 20#	Choke Size ----
Actual Prod. During Test 24	Oil-Bbls. 24	Water-Bbls. 43	Gas-MCF 40

## 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

## 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.

## OIL CONSERVATION DIVISION

APPROVED AUG 6 1981, 19BY [Signature]  
TITLE SUPERVISOR DISTRICT I

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 deviation 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.

[Signature]  
Production Mgr.  
August 3, 1981

RECEIVED

AUG 5 1981

OIL CONSERVATION DIV.

DEVIATION TESTS  
FOR  
HARPER OIL COMPANY

STATE WARFIELD #1Y  
SECTION 31, T-12-S, R-34-E  
LEA COUNTY, NEW MEXICO

<u>DEPTH (FEET)</u>	<u>DEVIATION (DEGREES)</u>	<u>DEPTH (FEET)</u>	<u>DEVIATION (DEGREES)</u>
150	1/4	7,240	1
362	3/4	8,228	3/4
941	3/4	8,820	3/4
1,219	3/4	9,318	3/4
1,467	3/4	9,657	1/4
1,653	3/4	9,940	1/4
1,899	1/4	10,230	1/4
2,054	1/2	10,430	2 1/4
2,302	1/2		
2,512	1		
2,740	1		
2,936	1 1/4		
3,436	1 1/2		
3,965	1 1/4		
4,180	3/4		
4,716	1		
5,218	1		
5,845	1 1/2		
6,430	1/2		
6,902	1 1/4		

WARTON DRILLING COMPANY

B. E. Burton  
B.E. Burton, President

SUBSCRIBED AND SWORN TO before me this 18th day of  
May, A. D. 1980.



MARILYN NEATHERLIN  
Notary Public, State of Texas  
My Commission Expires February 13 1985

Marilyn Neatherlin  
Marilyn Neatherlin, Notary Public  
in and for the State of Texas