

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED

Form C-104  
Revised 10-1-78

MAY - 7 1982

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASO. C. D.  
ARTESIA, OFFICE

DEVELOPER/LESSOR	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OIL	<input checked="" type="checkbox"/>
GAS	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	

Operator  
MESA PETROLEUM CO.Address  
1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

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"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name  
and address of previous owner

## DESCRIPTION OF WELL AND LEASE

Lease Name HELEN FED COM	Well No. 2	Pool Name, including Formation PECOS SLOPE ABO	Kind of Lease State, <u>Federal</u> or Fee NM	Lease 51830
Location Unit Letter <u>H</u> : <u>2310</u> Feet From The <u>NORTH</u> Line and <u>968</u> Feet From The <u>EAST</u> Line of Section <u>1</u> Township <u>7S</u> Range <u>25E</u> , NMPM, <u>CHAVES</u> Co.				

## 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)
KOCH OIL COMPANY	P.O. BOX 1558, BRECKENRIDGE, TX 76024
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 CO (ATTN: AIKLEN)	P.O. BOX 2521, HOUSTON, TX 77001
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>H</u> <u>1</u> <u>7S</u> <u>25E</u> <u>yes</u> <u>9-22-82</u>

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. F
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Date Spudded 4-2-82	Date Compl. Ready to Prod. 4-23-82	Total Depth 4406'	P.B.T.D. 4336'					
Elevations (DF, RKB, RT, GR, etc.) 3676' GR	Name of Producing Formation ABO	Top Oil/Gas Pay 3620' 3668'	Tubing Depth 3572'					
Perforations 3668' --- 3837'	Depth Casing Shoe 4399'							

## TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	883'	700/200
12 1/4"	8 5/8"	1832'	700/300
7 7/8"	4 1/2"	4399'	400
	2 3/8"	3572'	

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  
able 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

## GAS WELL

Actual Prod. Test-MCF/D 1363	Length of Test 4 hours	Bbls. Condensate/MMCF -	Gravity of Condensate -
Testing Method (pilot, back pr.) BACK PRESSURE	Tubing Pressure (Shot-in) 915	Casing Pressure (Shot-in) 810	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.  
XC: NMOCD (6), TLS, CEN RCDS, ACCTG, ROSWELL,  
MEQ, LAND, D&M, LMC, CTY, EEB, REM, K, TW, FILE,  
(PARTNERS)

R. E. Mark

(Signature)

REGULATORY COORDINATOR

(Title)

5-5-82

(Date)

## OIL CONSERVATION DIVISION

APPROVED SEP 28 1982  
BY Mike Walker  
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deep  
well, this form must be accompanied by a tabulation of the dev.  
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for a  
able on new and recompleted wells.Fill out only Sections I, II, III, and VI for changes of o  
well name or number, or transporter, or other such change of cond