

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RECEIVED  
MAR 17 1986  
OIL CON. DIV.  
DIST. 3

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Tenneco Oil Company	
Address P. O. Box 3249, Englewood, CO 80155	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name Schwerdtfeger A LS	Well No. 1A	Pool Name, including Formation Otero Chacra	Kind of Lease State, Federal or Fee USA SF	Lease No. 079319
Location Unit Letter <u>C</u> : <u>790</u> Feet From The <u>North</u> Line and <u>1850</u> Feet From The <u>West</u> Line of Section <u>36</u> Township <u>28N</u> Range <u>9W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Conoco Inc. Surface Transportation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 460, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4990, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>C</u> Sec. <u>36</u> Twp. <u>28N</u> Rge. <u>9W</u>	No ASAP

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of my knowledge and belief.

Ann Solloway  
(Signature)  
Administrative Operations  
(Title)  
March 13, 1986  
(Date)

OIL CONSERVATION DIVISION  
APPROVED APR 22 1986  
BY Original Signed By FRANK T. CHAVEZ  
TITLE SUPERVISOR DISTRICT 3

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 Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

# IV. COMPLETION DATA

Designate Type of Completion — (X)									
Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res.v.	Diff. Res.v.		
	X	X							

Date Spudded	1/21/86	Date Compl. Ready to Prod.	3/6/86	Total Depth	4850' KB	P.B.T.D.	4741' KB	Tubing Depth	3225' KB	Depth Casing Shoe	4847' KB
Elevations (D.F., RKB, RT, GR, etc.)	5908' GL	Name of Producing Formation	Chacra	Top Oil/Gas Pay	3094' KB						
Perforations	2 JSPF 25', 50 holes										
	3094-100', 3212-21', 3224-34' KB										

## TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	9-5/8" csq	312' KB	250SX (295CF)
8-3/4"	7" csq	3572' KB	520SX (858CF)
6-1/4"	4-1/2" inner csq	3430-4847' KB	260SX (379CF)
---	1-1/4" tbq	3225' KB	--

## 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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	Length of Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

## GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1838 mcf/d	3 hrs		
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Back pressure	815 psi	122 psi	3/4

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and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name Schwerdtfeger A LS	Well No. 1A	Pool Name, Including Formation Blanco Mesaverde	Kind of Lease State, Federal or Fee USA SF	Lease No. 079319
Location Unit Letter <u>C</u> : <u>790</u> Feet From The <u>North</u> Line and <u>1850</u> Feet From The <u>West</u> Line of Section <u>36</u> Township <u>28N</u> Range <u>9W</u> NMPM, <u>San Juan</u> County				

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Unit <u>C</u> Sec. <u>36</u> Twp. <u>28N</u> Rge. <u>9W</u>	When <u>ASAP</u>

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of my knowledge and belief.

*Ann Jolliver*  
(Signature)

Administrative Operations  
(Title)

March 13, 1986  
(Date)

OIL CONSERVATION DIVISION  
APR 22 1986

APPROVED \_\_\_\_\_

BY \_\_\_\_\_

Original Signed by FRANK T. CHAVEZ

TITLE \_\_\_\_\_

SUPERVISOR DISTRICT 3

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## IV. COMPLETION DATA

Designate Type of Completion — (X)

Designate Type of Completion — (X)	Oil Well	X	Gas Well	X	New Well	X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
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Date Spudded	Date Compl. Ready to Prod.
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1/21/86	3/6/86	4850. KB
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Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation
5000 ft. ±	
4000 ft. ±	
3000 ft. ±	
2000 ft. ±	
1000 ft. ±	
0 ft. ±	

Perforations  
See Below

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
-----------	----------------------	-----------	--------------

12-1/4"	9-5/8" csg	312' KB	250SX (295CF)
8-3/4"	7" csg	3572' KB	520SX (858CF)
6-1/4"	4-1/2" liner csg	3430' KB-4847' KB	260SX (379CF)
---	2-3/8" tbq	4511' KB	--

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

GAS WELL

Actual Prod. Test - MCF/D	3063 mcf/d	Length of Test	3 hrs.		
Testing Method (pilot, back pr.)	Back Pressure	Tubing Pressure (Shut-in)	728 psi	Casing Pressure (Shut-in)	pkr
				Choke Size	3/4
Actual Prod. Test - MCF/D	3063 mcf/d	Length of Test	3 hrs.	Bhis. Condensate/MMCF	Gravity of Condensate

## PERFORMATIONS

2 JSPF 21', 42 holes

4124-27'

4190-94'

4204-08

4296-98 KB

4480-84'

4457-70'

4440-44

4406-13'

4397-99,

4387-92'

4617-19 KB

4564-66'

4546-48'

4531-34'

4514-18'

2 JSPF 50', 100 holes  
4387-92' 4490-92'