



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

1587A.

March 18, 1998

Rec: 2-25-99
Susp: 3-17-98
Released: 3-18-98

Conoco, Inc.
10 Desta Drive - Suite 100W
Midland, Texas 79705-4500
Attention: Kay Maddox

Administrative Order NSL-1587-A

Dear Ms. Maddox:

Reference is made to the following: (i) Conoco, Inc.'s ("Conoco") original application dated February 23, 1998; (ii) your telephone conversation with Mr. Michael E. Stogner, Engineer with the New Mexico Oil Conservation Division in Santa Fe on Friday, March 6, 1998; and, (iii) the records of the Division in Santa Fe: all concerning Conoco's request for a non-standard Blanco-Mesaverde gas well location for the existing Jackson Com. Well No. 1-E (API No. 30-045-25592), located 1690 feet from the South line and 30 feet from the East line (Lot 1/Unit D) of irregular Section 8, Township 28 North, Range 9 West, NMPM, Blanco-Mesaverde Pool, San Juan County, New Mexico. According to the well records on file with the New Mexico Oil Conservation Division in Santa Fe, the Jackson Com. Well No. 1-E was drilled in 1983 and completed in the Basin-Dakota Pool. By Division Administrative Order NSL-1587, dated October 12, 1982, this location was approved as an unorthodox infill gas well location in the Basin-Dakota Pool for a previously approved 340.52-acre non-standard gas spacing and proration unit ("GPU") comprising Lots 1 and 2 and the S/2 SE/4 of said irregular Section 8 and Lots 2, 3, and 4, the S/2 SW/4, and the SW/4 SE/4 of irregular Section 9, Township 28 North, Range 9 West, NMPM, Blanco-Mesaverde Pool, San Juan County, New Mexico [see Decretory Paragraph (I)(20) of Division Order No. R-1814, issued in Case No. 2096 dated November 4, 1960].

It is our understanding that the Blanco-Mesaverde Pool will be perforated and said well will be recompleted such that gas production from both intervals will be commingled downhole. Pursuant to the "*General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Blanco-Mesaverde Pool*," as promulgated by Division Order No. R-8170, as amended, said location is considered to be unorthodox. Further, all of said irregular Section 8 is to be dedicated to the Blanco-Mesaverde Pool thereby forming a standard 273.92-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 2(d) of said special Blanco-Mesaverde pool rules, the above-described unorthodox gas well location is hereby approved.

Further, all applicable provisions of said Order No. R-1814 and Administrative Order NSL-

Administrative Order NSL-1587-A

Conoco Inc.

March 18, 1998

Page 2

1587 shall remain in full force and effect until further notice.

Sincerely,



Lori Wrotenberg
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
W. Thomas Kellahin, Counsel - Santa Fe
Jimmy D. Carlile, Conoco, Inc. - Midland, Texas
File: NSL-1587

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources
Department

97982301
Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
RECEIVED
05 JAN 25 09 08 52

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address AMOCO PRODUCTION COMPANY 200 AMOCO COURT FARMINGTON, NM 87401		² OGRID Number 000778
		³ Reason for Filing Code CO
⁴ API Number 300452559200	⁵ Pool Name BASIN-DAKOTA-GAS	⁶ Pool Code 071599
⁷ Property Code 000712	⁸ Property Name JACKSON COM 1,1E	⁹ Well Number 1E

II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
I	0008	028	009		1690	S	30	E	SAN JUAN

¹¹Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
F									

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
9018	GIANT REFINING BOX 12999 SCOTTSDALE AZ 85267	0420610	O	
7057	EPNG P.O. BOX 4990 FARMINGTON NM 87499	0420630	G	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method
⁴⁶ I hereby certify that the rules 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.			<p>OIL CONSERVATION DIVISION</p> <p>Approved by: <i>J.P. Shaheen</i></p> <p>Title: SUPERVISOR DISTRICT #3</p> <p>Approval Date: SEP 27 1995</p>		
Signature: <i>J. P. Shaheen</i>					
Printed Name: J. P. SHAHEEN					
Title: SENIOR BUSINESS ANALYST					
Date: 9/27/95		Phone: (505) 326-9413			

Submit 5 Copies
 Appropriate District Office
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

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

I.

Operator AMOCO PRODUCTION COMPANY		Well API No. 300452559200
Address P.O. BOX 800, DENVER, COLORADO 80201		
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 type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator _____		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JACKSON COM	Well No. 1E	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <u>I</u> : <u>1690</u> Feet From The <u>FSL</u> Line and <u>30</u> Feet From The <u>FEL</u> Line Section <u>8</u> Township <u>28N</u> Range <u>9W</u> , <u>NMPM</u> , <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 type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
MERIDIAN OIL INC.	3535 EAST 30TH STREET, FARMINGTON, NM 87401
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)
EL PASO NATURAL GAS COMPANY	P.O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations				Depth Casing Shoe				
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		
			RECEIVED AUG 23 1990 OIL CON. DIV					

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.)

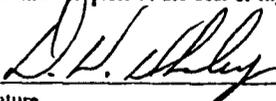
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

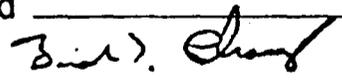
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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
 Doug W. Whaley, Staff Admin. Supervisor
 Printed Name
 Title
 July 5, 1990
 Date
 303-830-4280
 Telephone No.

OIL CONSERVATION DIVISION
 AUG 23 1990

Date Approved _____
 By 
 SUPERVISOR DISTRICT #3
 Title _____

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.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

RECEIVED

JUN 14 1989
OIL CONSERVATION DIV.
SANTA FE

I.

Operator Amoco Production Company	Well API No. 3004525592
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>
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 Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155	

II. DESCRIPTION OF WELL AND LEASE

Lease Name JACKSON COM	Well No. 1E	Pool Name, including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 48044366
Location				
Unit Letter I	1690	Feet From The FSL	Line and 30	Feet From The FEL Line
Section 8	Township 28N	Range 9W	NMPM, SAN JUAN	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"/>	Address (Give address to which approved copy of this form is to be sent)
CONOCO	P. O. BOX 1429, BLOOMFIELD, NM 87413
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)
EL PASO NATURAL GAS COMPANY	P. O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Unit Soc. Twp. Rge. 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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations				Depth Casing Shoe				
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

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 (pilot, 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.

J. L. Hampton
Signature
J. L. Hampton Sr. Staff Admin. Suprv.
Printed Name
January 16, 1989 **303-830-5025**
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**

By *[Signature]*
SUPERVISION DISTRICT # 3

Title _____

- 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.

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO

9

NOTICE OF GAS CONNECTION

DATE January 24, 1984

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Tenneco Oil Company
Operator

Jackson Com #1-E
Well Name

94-836-01 10924-51
Meter Code Site Code

I 8-28-9
Well Unit S-T-R

Basin Dakota
Pool

El Paso Natural Gas Company
Name of Purchaser

WAS MADE ON December 28, 1983,
Date

FIRST DELIVERY January 19, 1984
Date

AOF ---

CHOKE 1,871

F
045
CST

El Paso Natural Gas Company
Purchaser

George Lopez
Representative

Title

cc: Operator Houston & Englewood
Oil Conservation Commission - 2
~~Production~~ - El Paso Production Control
Contract Administration
File

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-111
Effective 1-1-65

DISTRIBUTION		
ANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

I. OPERATOR
Tenneco Oil Company

Address
P.O. Box 3249, Englewood, CO 80155

Reason(s) for filing (Check proper box)

New Well <input checked="" type="checkbox"/>	Change in Transporter of:	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>			

Other (Please explain) _____

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jackson Com	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease USA State, Federal or Fee NM	Lease No. 04204
Location Unit Letter <u>I</u> ; <u>1690</u> Feet From The <u>S</u> Line and <u>30</u> Feet From The <u>E</u> Line of Section <u>8</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. <i>Surface Transportation</i>	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 Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1492, El Paso, TX 79978
If well produces oil or liquids, give location of tanks. Unit <u>I</u> Sec. <u>8</u> Twp. <u>28N</u> Rge. <u>9W</u>	Is gas actually connected? <u>no</u> When <u>ASAP</u>

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 9/6/83	Date Compl. Ready to Prod. 10/26/83	Total Depth 7505' KB	P.B.T.D. 7475' KB					
Elevations (DF, RKB, RT, GR, etc.) 6602' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 7272' KB	Tubing Depth 7168' KB					
Perforations 7399-7403' KB, 7427-30' KB, 7439-51' KB, 7272-76' KB 7318-35' KB			Depth Casing Shoe ---					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	9-5/8"	301' KB	354 cf					
8-3/4"	7"	5725' KB	1464 cf					
6-1/4"	4-1/2"	5533-7505' KB	362 cf					
--	2-3/8"	7168' 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	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 1871	Length of Test 3 hrs.	Bbls. Condensate/MMCF ---	Gravity of Condensate ---
Testing Method (pitot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1525 psi	Casing Pressure (Shut-in) 1525 psi	Choke Size 3/4"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Production Analyst

(Signature)

(Title)

11/3/83

(Date)

OIL CONSERVATION COMMISSION

11-9-83
APPROVED NOV 9 1983, 19____

BY [Signature]

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 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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-04204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jackson Com

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T28N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

09/06/83

16. DATE T.D. REACHED

09/24/83

17. DATE COMPL. (Ready to prod.)

10/26/83

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

6614' KB

19. ELEV. CASINGHEAD

6602' GR

20. TOTAL DEPTH, MD & TVD

7505' KB

21. PLUG, BACK T.D., MD & TVD

7475' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

10'-TD

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7272- 7451' KB, Dakota

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CDL/CNL/Caliper, GR/DIL/SP

27. WAS WELL CORED

NO

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	301' KB	12-1/4"	354 cf CL-B+2% CaCl ₂ +1/4#/sx	flocele. 1st
7"	23#	5725' KB	8-3/4"	stage:597cf Howcolite+1/4#/sx	flocele+1/4cf/sx
				Perlite.Tail w/177cf Cl-B+1/4#/sx	flocele+2%
DV @ 2205' KB				CaCl ₂ 2nd stage:690cf+1/4#/sx	flocele+2%CaCl ₂

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	5533' KB	7505' KB	(See Reverse)	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7168' KB	---

31. PERFORATION RECORD (Interval, size and number)

7399-7403' KB
7427-30' KB
7439-51' KB
7272-76' KB
7318-35' KB
2 JSPF, 40', 80 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7272-7451-KB	2450 gal 15% HCL. Frac w/69000 gal 30# X-L gel +150,000# 20/40

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10/10/83	Flowing	Shut-in					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/27/83	3	3/4"	→	---	234	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
128 psi	662 psi	→	---	1871	---	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs forwarded by Gearhart

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John Orr

TITLE Production Analyst

DATE 11/3/83

*(See Instructions and Spaces for Additional Data on Reverse Side)

ACCEPTED FOR RECORD
NOV 09 1983

FARMINGTON RESOURCE AREA

BY Sm

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

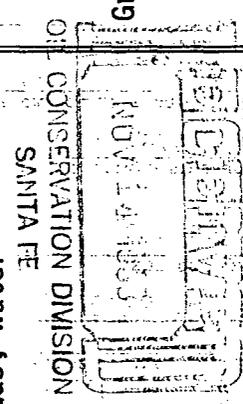
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

4 1/2" liner cementing detail: 185 cf lite + 1/4#/sx flocele. Tail w/177 cf CI-B + 1/4#/sx flocele.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	DEPTH	MEAS. DEPTH
Ojo Alamo (est)	1845'	1965'	
Kirtland (est)	1965'	2685'	
Fruitland (est)	2685'	2895'	
Pictured Cliffs (est)	2895'	2965'	
Lewis (est)	2965'	3850'	
Chacra (est)	3850'	4540'	
Cliffhouse (est)	4540'	4570'	
Menefee (est)	4570'	5180'	
Point Lookout (est)	5180'	5535'	
Mancos (est)	5535'	6378'	
Gallup (meas)	6378'	7146'	7146'
Graneros (meas)	7209'	7244'	
Dakota (meas)	7244'	TD	
			Greenhorn



NOTE: All depths expressed in terms of KB.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1690' FSL, 30' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM-04204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jackson Com

9. WELL NO.
1E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T28N, R9W

12. COUNTY OR PARISH | 13. STATE
San Juan | NM

14. API NO.
30-045-25592

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6602' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/> Progress Report	

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

OCT 21 1983

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/05/83: MIRUSU.

10/06/83: PBDT @7475'. PT csg 3500 psi, OK. Spot 350 gal 7-1/2% HCL @7441' Perf D Zone w/2 JSPF 7399-7403', 7427-30, 7439-51'. Acidize w/850 gal 15% HCL.

10/10/83: PERF B zone w/2 JSPF 7272-76', 7318-35', (21', 42 holes). Acidize w/1600 gal 15% WGTD HCL. Frac w/69000 gal 30# X-L gel & 150000# 20/40 sd.

10/11/83: Land 2-3/8" tbg @ 7168'. RDMOSU.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John W. [Signature] TITLE Production Analyst DATE 10/13/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

OCT 28 1983

FARMINGTON RESOURCE AREA

BY [Signature]

NMOCC

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1690' FSL, 30' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM-04202

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jackson Com

9. WELL NO.
1E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T28N, R9W

12. COUNTY OR PARISH | 13. STATE
San Juan | NM

14. API NO.
30-045-25592

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6602' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:

RECEIVED
SEP 20 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
OCT - 4 1983
OIL CON. DIV.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

09/06/83: Spud @ 12:15 p.m. 9-6-83. Drill 12 1/4" hole. Run 6 jts 9 5/8" 36# K-55 LT & C & 1 jt. 9 5/8" 36# K-55 ST&C. (286') csg, set @301' cmt w/300 sx, (354 cf) CL-B + 2% CaCl₂ + 1/4#/sx Flocele. Circ 10 bbls cmt to surface. Pt blinds, lines & choke manifold to 1000 psi, 30 min, o.k. TIH, pt pipe rams to 1000 psi, 30 min, o.k.

09/15/83: Run 129 jts 7" 23# K-55 LT&C, 5760', set @5725', DV@ 2205'. Cmt 1st stage w/315 sx Howco Lite (597CF) + 1/4#/sx flocele + 1/4 cf/sx perlite. Tail w/150 sx (177 cf) CL-B + 1/4#/sx flocele + 2% CaCl₂. CMT 2nd stage w/375 sx HOWCO Lite (690cf) + 1/4#/sx flocele + 2% CaCl₂. PT to 1500 psi, 30 min. OK, Ran Temp survey, TOC @600'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John Lu TITLE Production Analyst DATE 9/27/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE ACCEPTED FOR RECORD
CONDITIONS OF APPROVAL, IF ANY:

SEP 30 1983

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA
BY SM

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

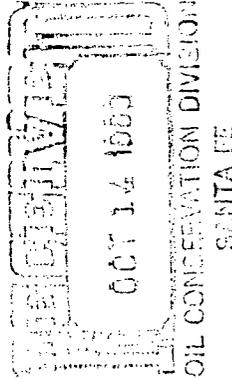
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1981 O - 347-166

09/24/83: TD hole @ 7 PM 9-24-83, @7505'

09/25/83: Run 12 jts 4 1/2" 11.6# K-55 ST&C & 37 jts
4 1/2" 10.5# K-55 ST&C csg total 1961' set @ 7505', cmt w/
100 sx (185 cf) lite + 1/4#/sx flocele. Tail w/150 sx
(177 cf) CL-B + 1/4#/sx flocele. RR @10 pm 9-25-83.
TOC @ 6000'



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25592

5. LEASE DESIGNATION AND SERIAL NO.
NM-04202

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jackson Com

9. WELL NO.
1E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
T-1 Sec. 8, T28N, R9W

12. COUNTY OR PARISH 13. STATE
San Juan NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
340.52

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
ASAP

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GEOLOGICAL SURVEY
FEDERAL BUREAU OF MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1690' FSL, 30'
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles SE of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
554'

16. NO. OF ACRES IN LEASE
272.16

17. NO. OF ACRES ASSIGNED TO THIS WELL
340.52

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
7510'

19. PROPOSED DEPTH
7510'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6602' GR

22. APPROX. DATE WORK WILL START*
ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	+ 250'	Circ to surface
8-3/4"	7"	23#	+ 3500'	2-stage - circ to surface
6-1/4"	4-1/2"	11.6#, 10.5#	+ 7510'	Circ to liner top

See attached drilling procedure

Gas is dedicated

Approval for Unorthodox Location received from New Mexico Oil Conservation Division on October 12, 1982

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

This action is subject to administrative appeal pursuant to 30 CFR 290.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Ken Russell TITLE Sr. Production Analyst DATE December 14, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED
FEB 19 1983
JAMES F. SIMS
DISTRICT ENGINEER

NSL 1587
NSP R 1814
JRS WOCG

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY		Lease JACKSON COM		Well No. 1E
Unit Letter I (Lot #1)	Section 8	Township 28N	Range 9W	County San Juan
Actual Footage Location of Well: 1690 feet from the South line and 30 feet from the East line				
Ground Level Elev. 6602	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 340.52 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

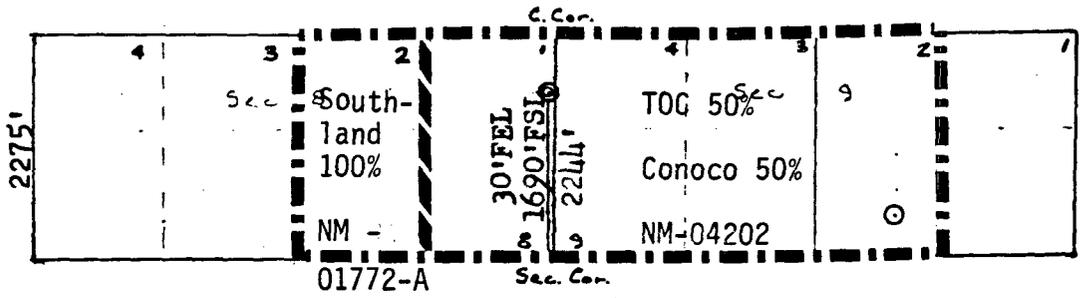
Yes No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



Scale: 1"=2000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Ken Russell

Name
Ken Russell

Position
Sr. Production Analyst

Company
Tenneco Oil Co.

Date
September 20, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
August 1982

Registered Professional Engineer and Land Surveyor
[Signature]

Certificate No.
3950

