

CMD : ONGARD 08/04/04 13:23:30
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPXN

API Well No : 30 39 8096 Eff Date : 01-01-2004 WC Status : A
 Pool Idn : 58090 TAPACITO GALLUP (ASSOCIATED)
 OGRID Idn : 222374 CDX RIO, LLC
 Prop Idn : 33460 JICARILLA B

Well No : 007
 GL Elevation: 6610

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : H 16 26N 05W FTG 1850 F N FTG 1150 F E P
 Lot Identifier:
 Dedicated Acre: 320.00
 Lease Type : J
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 08/04/04 13:23:35
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPXN
Page No : 1

API Well No : 30 39 8096 Eff Date : 04-30-1991
Pool Idn : 58090 TAPACITO GALLUP (ASSOCIATED)
Prop Idn : 33460 JICARILLA B Well No : 007
Spacing Unit : 3221 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : 16 26N 05W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	16	16	26N	05W	40.00	N	IN		
B	16	16	26N	05W	40.00	N	IN		
C	16	16	26N	05W	40.00	N	IN		
D	16	16	26N	05W	40.00	N	IN		
E	16	16	26N	05W	40.00	N	IN		
F	16	16	26N	05W	40.00	N	IN		
G	16	16	26N	05W	40.00	N	IN		
H	16	16	26N	05W	40.00	N	IN		

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

*over 320-acre
their home
dedication, the
show a
320-acre
dedication
would indicate the well is
oil, the oil
would indicate
oil well is well
oil well is well
oil well is well*

CMD : ONGARD 08/04/04 13:23:44
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TPXN
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)

API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8096 JICARILLA B	01 00 31	43	P
30 39	8096 JICARILLA B	02 00 29	45	P
30 39	8096 JICARILLA B	03 00 31	59 97	P
30 39	8096 JICARILLA B	04 00 30	41	P
30 39	8096 JICARILLA B	05 00 31	53 46	P
30 39	8096 JICARILLA B	06 00 30	27	P
30 39	8096 JICARILLA B	07 00 31	21	P

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/04/04 13:23:47
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TPXN
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)

API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8096 JICARILLA B	08 00 31	36 32	P
30 39	8096 JICARILLA B	09 00 30	45 18	P
30 39	8096 JICARILLA B	10 00 31	31 42	P
30 39	8096 JICARILLA B	11 00 30	35	P
30 39	8096 JICARILLA B	12 00 31	46	P
30 39	8096 JICARILLA B	01 01 31	45	P
30 39	8096 JICARILLA B	02 01 28	37 24	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/04/04 13:23:49
OGOMES -TPXN
Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)
API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8096 JICARILLA B	03 01 31	66	P
30 39	8096 JICARILLA B	04 01 30	65	P
30 39	8096 JICARILLA B	05 01 31	80	P
30 39	8096 JICARILLA B	06 01 30	68	P
30 39	8096 JICARILLA B	07 01 31	63	P
30 39	8096 JICARILLA B	08 01 31	65	P
30 39	8096 JICARILLA B	09 01 30	45	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD
INQUIRE PRODUCTION BY POOL/WELL

08/04/04 13:23:50
OGOMES -TPXN
Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)
API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 39	8096 JICARILLA B	10 01	31	58	5		P
30 39	8096 JICARILLA B	11 01	30	67	22		P
30 39	8096 JICARILLA B	12 01	31	70	17		P
30 39	8096 JICARILLA B	01 02	31	37	21		P
30 39	8096 JICARILLA B	02 02	28	15	7		P
30 39	8096 JICARILLA B	03 02	31	53	12		P
30 39	8096 JICARILLA B	04 02	30	49			P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD
INGUIRE PRODUCTION BY POOL/WELL

08/04/04 13:23:52
OGOMES -TPXN
Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)
API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8096 JICARILLA B	05 02 31	70	47
30 39	8096 JICARILLA B	06 02 30	69	P
30 39	8096 JICARILLA B	07 02 31	70	16
30 39	8096 JICARILLA B	08 02 31	67	12
30 39	8096 JICARILLA B	09 02 18	46	11
30 39	8096 JICARILLA B	10 02 31	69	18
30 39	8096 JICARILLA B	11 02 30	63	13

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
08/04/04 13:23:53
OGOMES -TPXN
Page No: 6

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)

API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8096 JICARILLA B	12 02 31	61 10	P
30 39	8096 JICARILLA B	01 03 31	60 23	P
30 39	8096 JICARILLA B	02 03 28	60 21	F
30 39	8096 JICARILLA B	03 03 31	60 13	F
30 39	8096 JICARILLA B	04 03 30	39 17	F
30 39	8096 JICARILLA B	05 03 31	71 12	F
30 39	8096 JICARILLA B	06 03 30	65 22	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/04/04 13:23:54
OGOMES -TPXN
Page No: 7

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)
API Well No : 30 39 8096 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat	
30 39	8096 JICARILLA B	07 03 26	60	2	P
30 39	8096 JICARILLA B	08 03 31	60	21	P
30 39	8096 JICARILLA B	09 03 30	63	8	P
30 39	8096 JICARILLA B	10 03 31	71	14	P
30 39	8096 JICARILLA B	11 03 30	61	14	P
30 39	8096 JICARILLA B	12 03 31	60	2	P

Reporting Period Total (Gas, Oil) : 2610 809

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/04/04 13:24:12
OGOMES -TPXN
Page No: 1

OGRID Identifier : 222374 CDX RIO, LLC
Pool Identifier : 58090 TAPACITO GALLUP (ASSOCIATED)
API Well No : 30 39 8096 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 39	8096 JICARILLA B	01 04	31	61	1		P
30 39	8096 JICARILLA B	02 04	29	51	49		P
30 39	8096 JICARILLA B	03 04	27	51	7	48	F
30 39	8096 JICARILLA B	04 04	22	52	32	59	F
30 39	8096 JICARILLA B	05 04	30	63	10		F

Reporting Period Total (Gas, Oil) : 278 99 107

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A

Submit to appropriate District Office

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Change of Operator

Previous Operator Information:

OGRID: 000778
Name: BP America Production Company
Address: P.O. Bxo 3092
Address: _____
City, State, Zip: Houston, TX 77253-3092

New Operator Information:

Effective Date: January 1, 2004
New Ogrid: 222374
New Name: CDX Rio, LLC
Address: 4801 N. Butler Ave. #2000
Address: _____
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given to the new operator on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

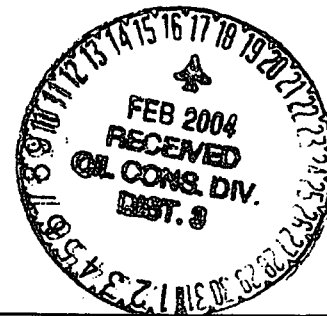
Signature: Ronald D. Johnston

Printed name: ~~Enid Grubb~~ Ronald D. Johnston

Title: ~~Production Accounting Spec.~~ Operations Manager

Date: 1/12/04

Phone: 505-325-4007



Previous operator complete below:

Previous Operator: BP America Production Company

Previous OGRID: 000778

Signature: Cherry Hlava

Printed Name: Cherry Hlava

NMOCD Approval

Signature: 228

SUPERVISOR DISTRICT #3

Printed Name: _____

District: _____

Date: FEB 17 2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A

Submit to appropriate District Office

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Change of Operator

Previous Operator Information:

OGRID: 000778
Name: BP America Production Company
Address: P.O. Bxo 3092
Address: _____
City, State, Zip: Houston, TX 77253-3092

New Operator Information:

Effective Date: January 1, 2004
New Ogrid: 222374
New Name: CDX Rio, LLC
Address: 4801 N. Butler Ave. #2000
Address: _____
City, State, Zip: Farmington, NM 87401

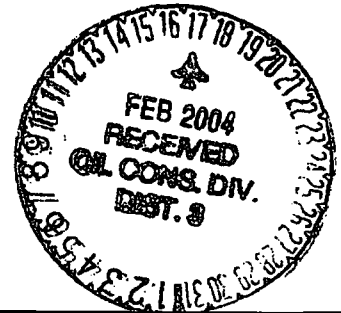
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given to the new operator on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Ronald D. Johnston

Printed name: ~~Enid Grubb~~ Ronald D. Johnston

Title: ~~Production Accounting Spec.~~ Operations Manager

Date: 1/12/04 Phone: 505-325-4007



Previous operator complete below:

Previous Operator: BP America Production Company

Previous OGRID: 000778

Signature: Cherry Hlava

Printed Name: Cherry Hlava

NMOCD Approval

Signature: 328
SUPERVISOR DISTRICT #3

Printed Name: _____

District: _____

Date: FEB 17 2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected
wells list along with 1 copy of this form
per number of wells on that list to
appropriate District Office

Change of Operator Name

OGRID: 000778
Effective Date: 12/31/2001

Previous Operator Name and Information:

Name: Amoco Production Company
Address: P.O. Box 3092
Address: _____
City, State, Zip: Houston, Texas 77253

New Operator Name and Information:

New Name: BP America Production Company
Address: P.O. Box 3092
Address: _____
City, State, Zip: Houston, Texas 77253

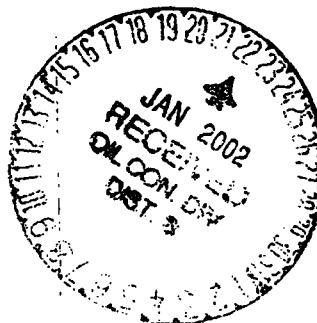
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Mary Corley

Printed
name: Mary Corley

Title: Senior Regulatory Specialist

Date: 12/10/2001 Phone: 281-366-4491



NMOCD Approval

Signature: [Signature]

Printed Name: SUPERVISOR DISTRICT #3

District: JAN 22 2002

Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Amoco Production Company

Attention: Mark R. Stelling (505) 326-9432

3. Address and Telephone No.
200 Amoco Court, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE 1/4 NE 1/4 Sec. 16 T46N R5W

5. Lease Designation and Serial No.
TIC 109

6. If Indian, Allottee or Tribe Name
Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Jicarilla B #7

9. API Well No.
30-039-08096

10. Field and Pool, or Exploratory Area
Dakota/Gallup/Mesa Verde

11. County or Parish, State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

RECEIVED
JUN 27 1995
OIL CON. DIV.

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☐ Other

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

13. Describe Proposed or Completed Operations and give pertinent details, 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.

The subject well first delivered May 4, 1995 as commingled property in 3 formations. It was recompleted from a dual string Dakota-Gallup producer (D01-D02) to a single string Dakota-Gallup-Mesa Verde well. Initial production rates are 145 mcf/d, 1 BOPD and 2 BWPD. I called the NMOCB regarding the reporting of the Dakota-Gallup formations and in this case each formation is to be reported individually. In this well Amoco would like to use hole codes S01 for the Dakota, S02 for the Gallup and S03 for the Mesa Verde. Please let us know if this is acceptable and update the AIRS data base if so, thanks!

cc: Wellfile

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

Signed

Mark R. Stelling

Title

Business Analyst

Date

5/25/95

(This space for Federal or State office use)

Approved by

David R. Stelling

Title

Chief, Lands and Mineral Resources

Date

JUN 26 1995

Conditions of approval, if any:

Production can be reported as S01 only.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

District I
PO Box 1980, Dulles, NM 88211-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Mile Branch Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87501-1088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87501-2088

Form C-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Amoco Production Company Box 800 DENVER, Colorado 80201		UCRID Number 000778
API Number 30-039-08096	Pool Name Blanco Mesavada	Pool Code 72319
Property Code 000733	Property Name Jicarilla B	Well Number #7

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	16	26N	5W		1850	North	1150	EAST	Rio Arriba

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J									
" Loc Code	" Producing Method Code	" Gas Connection Date	" C-117 Permit Number	" C-117 Effective Date	" C-117 Expiration Date				

III. Oil and Gas Transporters

" Transporter UCRID	" Transporter Name and Address	" FOB	" U/G	" FOB ULSIR Location and Description
014538	Meridian Oil Box 4280 FARMINGTON, NM 87429	242918	0	
015244	Northern Pipeline Box 58900 Salt Lake City, Utah 84158	242930	G	

RECEIVED
FEB - 8 1995

IV. Produced Water

" FOB 242950	" FOB ULSIR Location and Description OIL CON. DIV. DIST. 3
-----------------	--

V. Well Completion Data

" Spud Date 090466	" Ready Date 01 19 95	" TD 7670	" FID 7633	" Perforations 4854-4920
" Hole Size 12 1/4"	" Casing & Tubing Size 8 5/8" 24#	" Depth Set 368	" Sacks Cement 200SX	
7 7/8"	5 1/2" 14# 15.5#	7668	925SX	
	2 1/16"	7355		

VI. Well Test Data

" Date New Oil	" Gas Delivery Date	" Test Date	" Test Length	" Tbg. Pressure	" Csg. Pressure
" Choke Size	" Oil	" Water	" Gas	" AOF	" Test Method

" 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.

Signature: A. Wayne Branam
Printed name: A. WAYNE BRANAM
Title: BUSINESS ANALYST
Date: 020795 Phone: (303) 830-4912

OIL CONSERVATION DIVISION

Approved by: 27.8
Title: SUPERVISOR DISTRICT #3
Approval Date: APR 11 1995

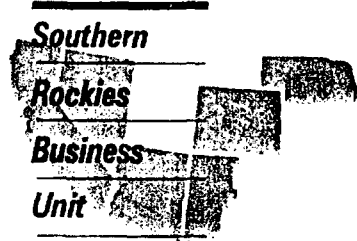
" If this is a change of operator fill in the UCRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date



March 15, 1995

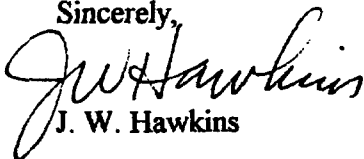
Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87504

RECEIVED
MAR 17 1995
OIL CON. DIV.
DIST. 3

**Application for Exception to Rule 303-A
Downhole Commingling
Jicarilla B #7 Well
1850' FNL, 1150' FEL, Section 16-T26N-R5W
Blanco Mesaverde, Tapacito Gallup and Basin Dakota Pools
Rio Arriba County, New Mexico**

Amoco Production Company hereby requests administrative approval to downhole commingle production from the Blanco Mesaverde, Tapacito Gallup and Basin Dakota Pools in the Jicarilla B #7 well referenced above. The Jicarilla B #7 well was originally a dual completion in the Dakota and Gallup. We have recently recompleted the well to the Mesaverde with all three zones open in the wellbore. The well is shut-in waiting on commingling approval. The three zones are expected to produce at a total commingled rate of about 150 mcf/d. The ownership (WI, RI, ORRI) of these pools is identical in this wellbore. Downhole commingling will offer an economical method of production while protecting against reservoir damage, waste of reserve and violation of correlative rights. Offset operators to this well will receive a copy of this application by certified mail. If there are any questions concerning this matter, please contact me at (303) 830-5072.

Sincerely,


J. W. Hawkins

Enclosures

cc: Wayne Branam
Steve Smethie

Frank Chavez, Supervisor
Amoco District III
1000 Rio Brazos Road
Aztec, NM 87410

Robert Kent
Bureau of Land Management
435 Montano NE
Albuquerque, Nm 87107

Offset Operators

Conoco
10 Desta Drive
Midland TX 79701-4515
Attn: Jerry Hoover

Meridian Oil Inc.
PO Box 4289
Farmington NM 87401
Attn: Alan Alexander

Southland Royalty
PO Box 4289
Farmington NM 87401

Application for Exception to Rule 303: SEGREGATION OF PRODUCTION FROM POOLS

Requirements

- (1) Name and address of the operator:

Amoco Production Company
P.O. Box 800
Denver, CO 80201

- (2) Lease name, well number, well location, name of the pools to be commingled:

Lease Name: Jicarilla B
Well Number: 7
Well Location: 1850' FNL & 1150' FEL
Section 16, T26N-R5W
Rio Arriba County, New Mexico
Pools Commingled: Blanco Mesaverde
Tapacito Gallup
Basin Dakota

- (3) A plat of the area showing the acreage dedicated to the well and the ownership of all offsetting leases.

Attached

- (4) A current (within 30 days) 24-hour productivity test on Division Form C-116 showing the amount of oil, gas and water produced from each zone.

Prior to recompletion, the Basin Dakota produced an average stabilized rate of 70 mcf/d and 0.2 bcpd. The Tapacito Gallup zone produced intermittently with an average rate of about 20 mcf/d and 1 bcpd. The Blanco Mesaverde zone tested at about 20 mcf/d but still needed to clean up from frac fluid. Additional testing of the commingled zones will be conducted to determine the initial rate for the Blanco Mesaverde.

- (5) A production decline curve for both zones showing that for a period of at least one year a steady rate of decline has been established for each zone which will permit a reasonable allocation of the commingled production to each zone for statistical purposes. (This requirement may be dispensed within the case of a newly completed or recently completed well which has little or not production history. However, a complete resume of the well's completion history including description of treating, testing, etc., of each zone, and a prognostication of future production from each zone shall be permitted.)

Blanco Mesaverde:	New Completion.
Tapacito Gallup Completion:	Historical production curve attached.
Basin Dakota Completion:	Historical production curve attached.

- (6) Estimated bottomhole pressure for each artificially lifted zone. A current (within 30 days) measured bottom hole pressure for each zone capable of flowing.

	BH Pressure	SI Tubing Press.	Fluid Level
Blanco Mesaverde Completion:	605 psi	560 psi	0'
Tapacito Gallup Completion:	612 psi	520 psi	93'
Basin Dakota Completion:	*1080 psi	*760 psi	

* pressures based on average of Jicarilla B-7, B-7E, and B-3 Dakota completions.

- (7) A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the wellbore.

The fluids have no abnormal components that would prohibit commingling, or promote the creation of emulsions or scale (see attached produced gas and fluid analysis).

- (8) A computation showing that the value of the commingled production will not be less than the sum of the values of the individual streams:

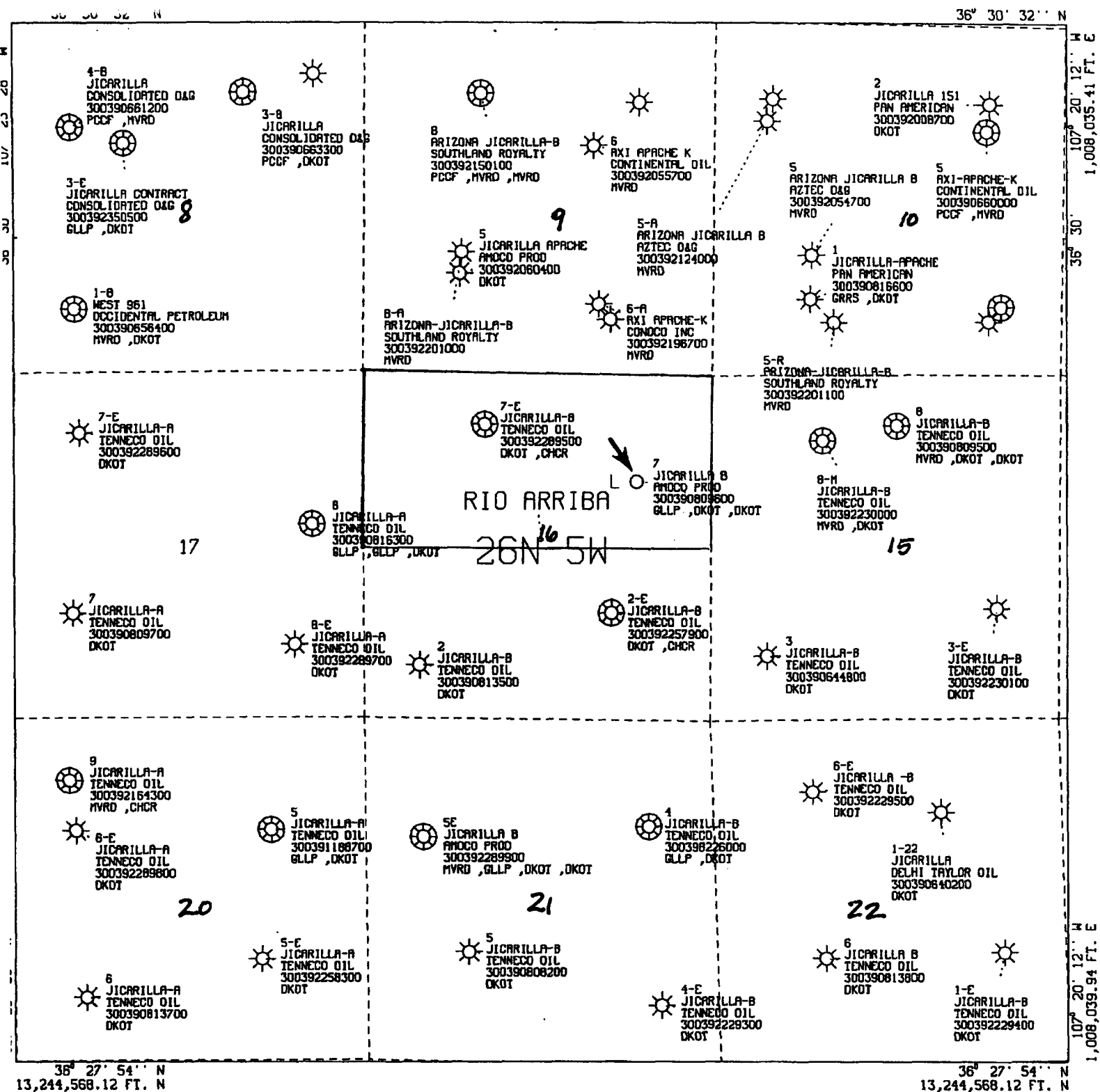
Since the BTU content of the produced fluids are very similar, we would expect the commingled production to have the same value as the sum of the individual streams.

- (9) A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such formula:

Based on the historical production trends with the Basin Dakota currently producing an average of about 70 mcf/d and 0.2 bcpd and the Tapacito Gallup currently producing an average of about 20 mcf/d and 1 bcpd, we propose an allocation factor using a fixed percentage for each zone. The Blanco Mesaverde zone will be determined after additional testing to aid in determination of the allocation factor

- (10) A statement that all offset operators and, in the case of a well on federal land, the United States Bureau of Land Management, have been notified in writing of the proposed commingling.

BLM will receive a copy of this application by certified mail. The offsetting operators listed on the attached sheet will receive a copy of this application by certified mail.



All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

POLYCONIC CENTRAL MERIDIAN - 107° 21' 50'' W LONG
SPHEROID - 6

AMOCO PRODUCTION COMPANY
PLAT MAP
JICARILLA B #7
MESAVERDE
DAKOTA AND GALLUP OFFSET WELLS

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

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

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3003908096		Pool Code 72319	Pool Name Blanco Mesa Verde
Property Code 000733	Property Name Jicarilla B		Well Number 7
OCRID No. 000778	Operator Name Amoco Production Company		Elevation 6610GR

10 Surface Location

UL or lot no. H	Section 16	Township 26N	Range 5W	Lot Idn	Feet from the 1850	North/South line N	Feet from the 1150	East/West line E	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	-----------------------	-----------------------	---------------------	----------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Dedicated Acres 320 1/2	Joint or Infill N	Consolidation Code	Order No.
----------------------------	----------------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				1850'
				1150'
Section 16				

17 OPERATOR CERTIFICATION

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

A Wayne Branam
Signature
A. WAYNE BRANAM
Printed Name
Business Analyst
Title
Nov. 28, 1994
Date

18 SURVEYOR CERTIFICATION

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 belief.

ON File Jun 28, 1996
Date of Survey
Signature and Seal of Professional Surveyer:
Certificate Number

**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.

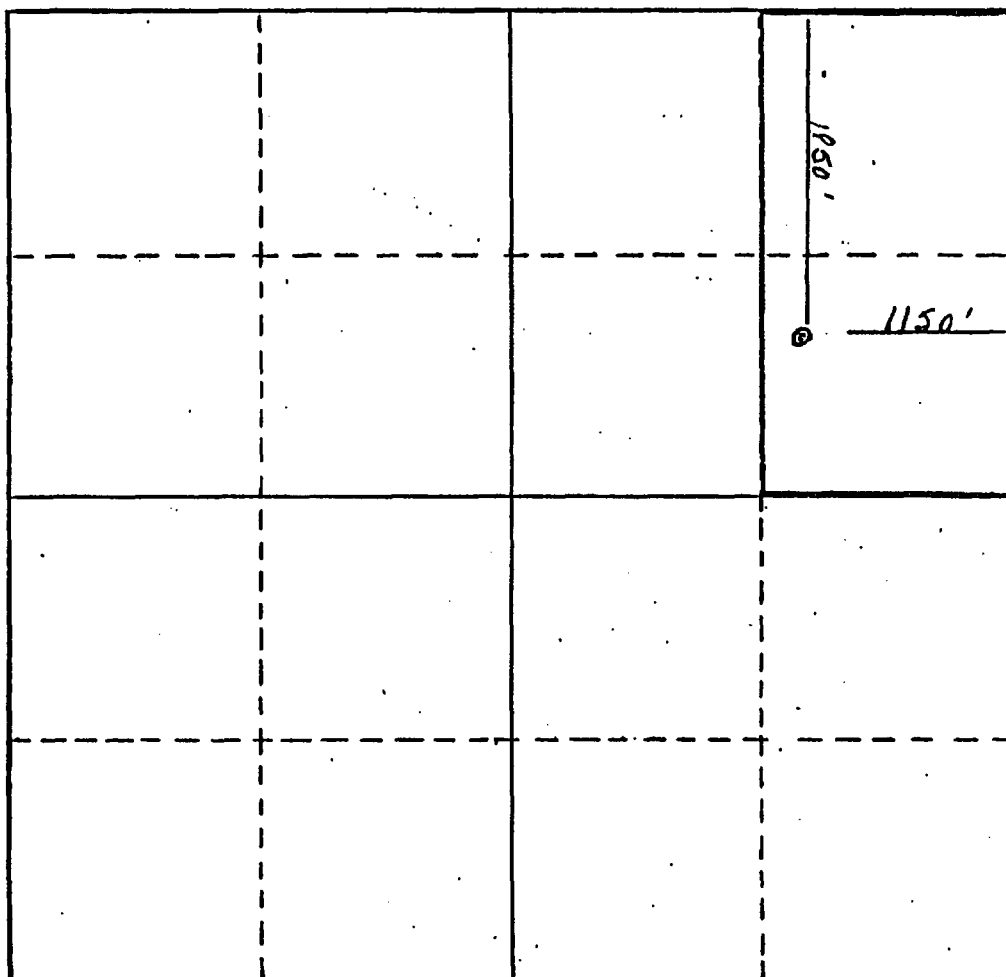
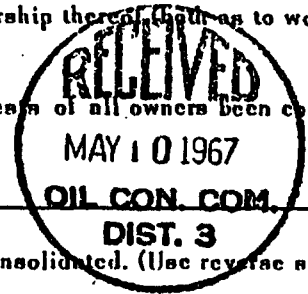
Operator Tenneco Oil Company			Lease Jicarilla "B"		Well No. 7
Udall Letter H	Section 16	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1150 feet from the East line					
Ground Level Elev. 6610 Gr.	Producing Formation Tapacito Gallup		Pool Tapacito Gallup		Dedicated Acreage E/2 of NE 80 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 _____

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.



CERTIFICATION

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

G. A. Ford
G. A. Ford
 Senior Production Clerk

Position
Tenneco Oil Company

Company
May 8, 1967

Date

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <u>Amoco Production Company</u> TENNECO OIL COMPANY			Lease JICARILLA "B"		Well No. 7
Unit Letter H	Section 16	Township 26 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1150 feet from the East line					
Ground Level Elev. 6610' ungraded	Producing Formation Basin Dakota	Pool Basin Dakota	Dedicated Acreage: 320 N/2 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

If answer is "no," list the owners and tract descriptions which have actually 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.

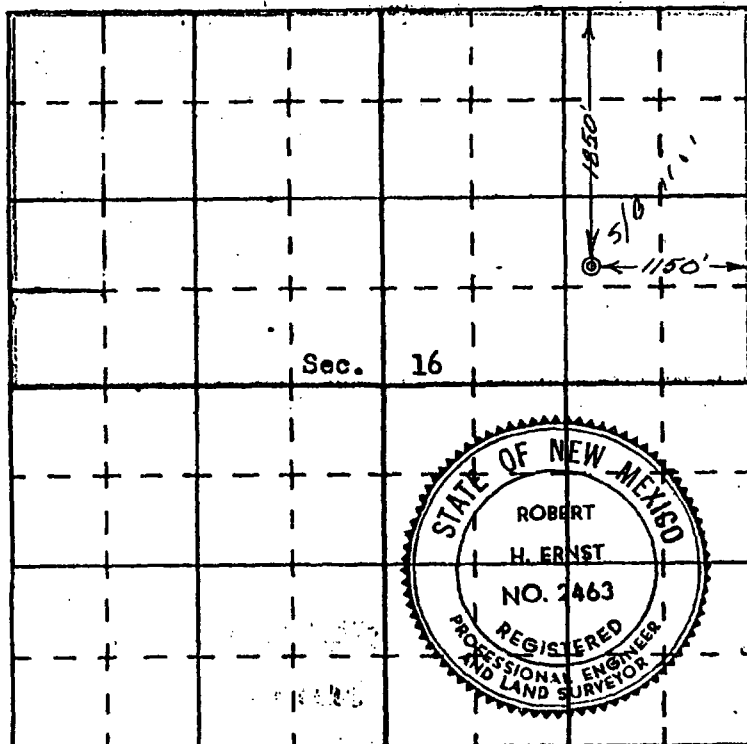
CERTIFICATION

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

Harold C. Nichols
Name
Sr. Production Clerk
Position
Tenneco Oil Company
Company
August 16, 1966
Date

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.

28 June 1966
Date Surveyed
Robert H. Ernst
Registered Professional Engineer
and/or Land Surveyor
Robert H. Ernst
N. Mex. PE & LS 2463



**ERNST ENGINEERING CO.
DURANGO, COLORADO**

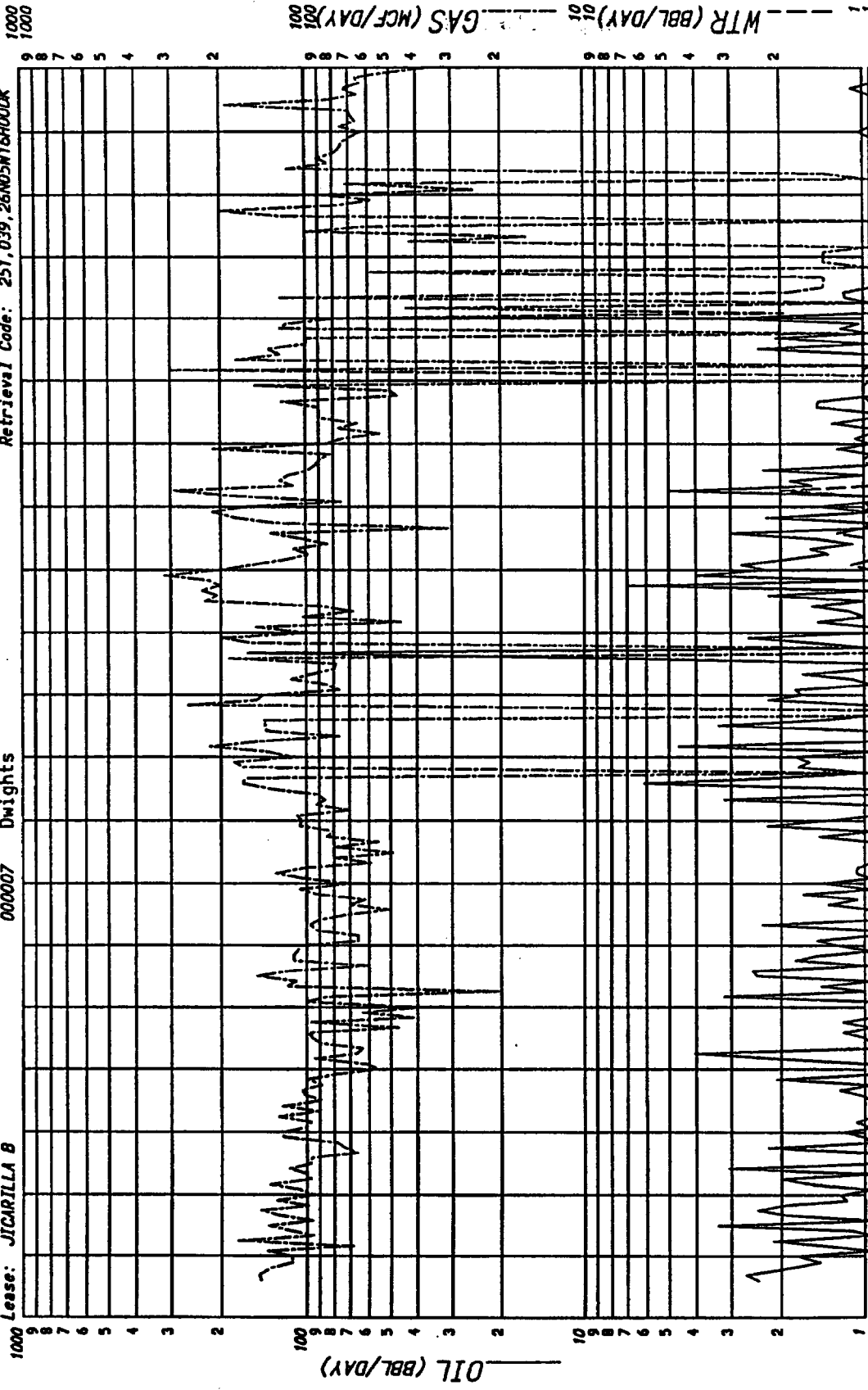
.....
Certificate No.

1000
1000

Retrieval Code: 251,039,26N05N16H00DK

000007 Dights

Lease: JICARILLA B



65- Annual Data 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93

County: RIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: AMOCO PRODUCTION CO
Oil Cum: 13829 Gas Cum: 913533
Location: 16H 26N 5W
State: NM

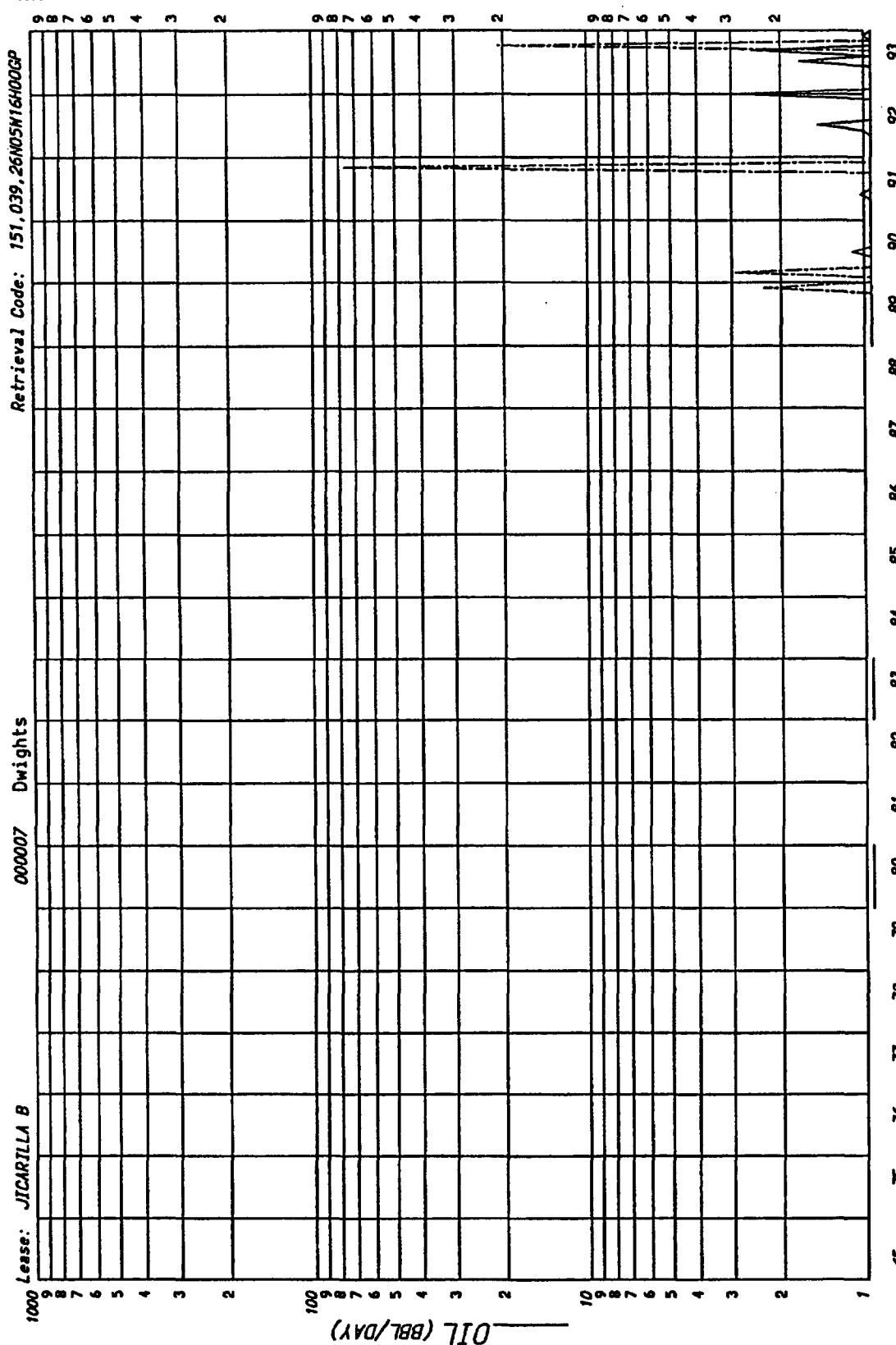
Date: 09-20-94

F.P. Date 01-67

Lease: JICARILLA B

1000
1000

WTR (BBL/DAY) 01 ---.---.GAS (MCF/DAY) 001 1001



County: RIO ARriba
Field: TAPACITO (GALLUP) GP
Reservoir: GALLUP
Operator: AMOCO PRODUCTION CO
Oil Cum: 3270 Gas Cum: 3157
Location: 164 26N 5W

Date: 09-20-94

F.P. Date

JICARILLA B 7
Sec. 16-T26N-R5W
Rio Arriba County, New Mexico
Cliff House Recompletion Summary

1. The wellbore was shut-in and surface pressure data for both the Dakota and Gallup completions were obtained. The estimated bottomhole pressure for the Dakota formation is approximately 1500 psi and the estimated bottomhole pressure for the Gallup formation is approximately 600 psi.
2. The model D packer set at 7290', between the Dakota and Gallup formations, was milled up and removed from the wellbore.
3. A retrievable bridge plug (RBP) was set at 6000' to isolate the Dakota and Gallup completions from the Mesaverde Cliff House recompletion fluids and frac pressures.
4. The casing was pressure tested to 3000 psi successfully.
5. A cement bound log was run over the Mesaverde Cliff House recompletion interval. The top of cement was identified at 5010', which was below the top of the Mesaverde Cliff House zone.
6. Cement squeeze holes were shot at 4840' and squeezed with 100 sacks of class B cement to isolate the top of the Mesaverde Cliff House zone.
7. The Mesaverde Cliff House zone was perforated with 4 shots per foot from 4854'-4890', and 4910'-4920'.
8. A frac liner was set over the cement squeeze holes at 4840'.
9. The Mesaverde Cliff House perforations from 4854'-4920' were fracture stimulated with nitrogen and 109,000 pounds of 16/30 sand.
10. The frac was flowed back for 2 days to allow the completion to clean up.
11. The frac liner was removed and the wellbore was circulated clean to 5706'.
12. The completion was flow tested for 7 days. Results are listed below:

Date	Test Hours	Choke Size Inch	Tbg Back Press	Flowing Csg	MCFD	BWPD	BOPD
			Psi	Psi			
1/22/95	24	32/64	0	20	220	67	0
1/23/95	24	32/64	0	18	200	30	0
1/24-25/95	Shut-in over the weekend for 48 hours						
1/26/95	24	-	100	335	22	30	0
1/27/95	24	-	100	350	19	25	0
1/28/95	24	-	90	320	17	25	0
1/29/95	24	-	80	310	18	20	0
1/30/95	24	-	75	265	18	10	0

13. The wellbore was cleaned out and the RBP at 6000' was removed.
14. The wellbore was cleaned out to 7582' with nitrogen.
15. Tubing (2-1/16) was landed at 7357'. Waiting for downhole commingle approval.



1115 Farmington Avenue
Farmington, N.M. 87401
(505) 325-6622

Analysis No. AMO42049
Cust. No. 12300-16575

WELL/LEASE INFORMATION

Company	: AMOCO PRODUCTION COMPANY	Source	:
Well Name	: JICARILLA B - #7	Pressure	: 630 PSIG
County	:	Sample Temp.	: N/A DEG.F
State	:	Well Flowing	: NO
Location	:	Date Sampled	: 12/26/94
Fld/Formation	: DAKOTA	Sampled By	: L & L
Cust.Stn.No.	:	Foreman/Engr	: MIKE ROWLAND

Remarks:

ANALYSIS

COMPONENT	MOLE %	GPM
NITROGEN	0.245	0.0000
CO2	1.003	0.0000
METHANE	80.002	0.0000
ETHANE	12.697	3.3964
PROPANE	4.363	1.2024
I-BUTANE	0.469	0.1534
N-BUTANE	0.680	0.2144
I-PENTANE	0.220	0.0805
N-PENTANE	0.125	0.0453
HEXANES	0.196	0.0855
TOTAL	100.000	5.1779

COMPRESSIBILITY FACTOR	(1/Z)	1.0033
BTU/CU.FT.(DRY) CORRECTED FOR	(1/Z)	1210.5
BTU/CU.FT.(WET) CORRECTED FOR	(1/Z)	1189.5
REAL SPECIFIC GRAVITY		0.6988

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

CYLINDER #	: 015
CYLINDER PRESSURE	: 96 PSIG
RUN DATE	: 12/28/94
ANALYSIS RUN BY	: LISA CLAYTON



AMOCO PRODUCTION COMPANY
WELL ANALYSIS COMPARISON

CASE : JICARILLA B 7

IN. NO. :

Cliff House *Galley*

CASING

01/29/1995

12300-16570

DATE 01/27/95 12/26/94

IN NR. AMO50186 AMO42048

NITROGEN	0.731	0.388
O2	0.289	0.370
METHANE	83.594	78.498
ETHANE	8.625	9.790
PROPANE	4.121	6.061
ISOBUTANE	0.760	1.293
N-BUTANE	1.009	2.106
PENTANE	0.344	0.760
HEXANE	0.227	0.478
HEPTANES	0.300	0.256

WU 1203.1 1300.0

WM 4.3486 5.9390

SGRAV. 0.6881 0.7478

HALLIBURTON ENERGY SERVICES
FIELD LABORATORY
WESTERN AREA

LABORATORY ANALYSIS

To: AMOCO Date: 01-31-95
Submitted by: MIKE ROWLAND Date Rec. 01-31-95
Well No. JICARILLA B-7 Location: SEC16-26N-5W
Sample Mark Cliff House Attention: _____

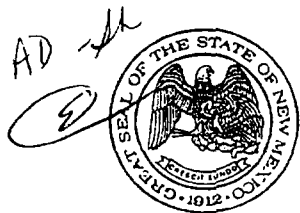
Specific Gravity	<u>1.008</u>		
pH	<u>7.42</u>		
Resisitivity	<u>.696@ 68⁰</u>		
Iron(Fe)	<u>10</u>	Milligrams per Liter	
Potassium(K)	<u>450</u>	"	"
Sodium(Na)	<u>785</u>	"	"
Calcium(Ca)	<u>51</u>	"	"
Magnesium(Mg)	<u>72</u>	"	"
Chlorides(Cl)	<u>200</u>	"	"
Sulfates(SO ₄)	<u>480</u>	"	"
Carbonates(CO ₃)	<u>0</u>	"	"
Bicarbonates(HCO ₃)	<u>2379</u>	"	"
Total Dissolved Solids	<u>4427</u>	"	"

By TERESA WHITE

Title LAB TECH

Location FARMINGTON

NOTICE: This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1118

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201-0800

Attention: Mr. J.W. Hawkins

RECEIVED
APR 11 1995

OIL CON. DIV.
DIST. 3

Jicarilla "B" Well No.7
Unit G, Section 16, Township 26 North, Range 5 West,
NMPM, Rio Arriba County, New Mexico.
Blanco Mesaverde, Tapacito Gallup (Associated), and
Basin Dakota (Prorated Gas) Pools

Dear Mr. Hawkins:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 20 barrels per day, and total water production shall not exceed 40 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

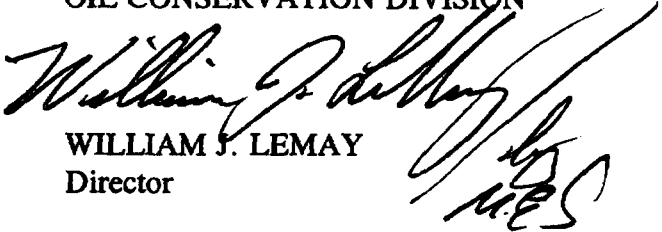
In accordance with the provisions of Rule 303-C, the supervisor of the Aztec District Office of the Oil Conservation Division shall determine the proper allocation of production from the subject well following its completion.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 7th day of April, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

WJL/BES

cc: Oil Conservation Division - Aztec ✓
Bureau of Land Management - Farmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. JICARILLA CONTRACT 109	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> RECOMPLETION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA DULCE	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201		8. FARM OR LEASE NAME, WELL NO. JICARILLA B #7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850 FNL 1150 FEL UNIT H		9. API WELL NO. 3003908096	
At top prod. interval reported below		10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE	
At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 16 Township 26N Range 5W	
14. PERMIT NO.		DATE ISSUED	12. COUNTY OR PARISH RIO ARRIBA
15. DATE SPURRED 09/04/66		16. DATE T.D. REACHED 09/16/66	13. STATE NM
17. DATE COMPL. (Ready to prod.) 01/19/95		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6610 GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7670 7668		21. PLUG, BACK T.D., MD & TVD 7633	22. IF MULTIPLE COMPL., HOW MANY* 3
23. INTERVALS DRILLED BY		ROTARY TOOLS YES	CABLE TOOLS NO
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4854-4920 MESAVERDE			25. WAS DIRECTIONAL SURVEY MADE Y
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, CBL, CLL			27. WAS WELL CORED N

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	368	12 1/4"	200 SX	
5 1/2"	14# & 15.5#	7668	7 7/8"	826 SX	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.063"	7355	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4854-90, 4910-20 W 1/4 JSPF .45" HOLE 19 GRAM CHG 184 TOT SHOTS				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4854 4920	594 BBLS WATER
					109,400# 16/30 SD
					1,165,362 SCF 70 QUALITY N2 FOAM
					MAX PSI 2625 MAX RATE 41 BPM

33.* PRODUCTION							
DATE FIRST PRODUCTION 01 20 1995		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) SHUT IN	
DATE OF TEST 01 20 1995	HOURS TESTED 24	CHOKE SIZE 1/2	PROD'N FOR TEST PERIOD	OIL - BBL 0	GAS - MCF 220	WATER - BBL 60	GAS-OIL RATIO
FLOW TUBING PRESS N/A	CASING PRESSURE 20	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAMS PER GALLON	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD	TEST WITNESSED BY FEB 21 1995
--	----------------------------------

35. LIST OF ATTACHMENTS

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

SIGNED Wayne Branam TITLE BUSINESS ANALYST DATE 02-07-1995

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
OIL CON. DIV.
DIST. 3
FEB 21 1995

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):

Sicana B #7

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	3150	3200	Sand, shale
Mesa Verde	4865	4920	Sand, shale
Dakota	7350	7625	Sand shale

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	3130	
Mesa Verde	4850	
Mancos	5510	
Gallup	6230	
Greenhorn	7260	
Dakota	7340	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

JICARILLA CONTRACT 109

6. If Indian, Allottee or Tribe Name

JICARILLA DULCE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA B #7

9. API Well No.

3003908096

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

RIO ARRIBA NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850

1150

Sec. 16 T 26N R 5W

UNIT H

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

AS PART OF THE RECOMPLETION OF THIS WELL TO THE BLANCO MESAVERDE, THE WELLBORE HAD SOME REMEDIAL CMT WORK DONE.

PULLED TBG, SET PLUG AT 7280, DK TBG PRESS 680#, GALLUP TBG PRESS 520#, GALLUP CSG 535#, MILLED OUT OLD MOD D PKR AT 7290, TOH W/ , CIRC, SET RBP AT 6000, PRESS TSTED CSG TO 3000#, RAN GR, CBL AND CCL, SHOT SQZ HOLES AT 4840-41 W/ 2JSPF, SQZED W/ 50 SX CL B AT MAX RATE OF 1.5 BPM, MAX PSI 650, DO CMT, SQZ DID NOT HOLD, PREP TO RESQZ, SQZED AGAIN W/ 50 SX CL B MAX PSI 1890 MAX RATE 1.5 BPM. *Squeezed*

A COMPLETION REPORT IS ALSO BEING SUBMITTED.

RECEIVED RECEIVED
MAR - 6 1995 FEB 21 1995

OIL CON. DIV. OIL CON. DIV.
DIST. 3 DIST. 3

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

02-07-1995

(This space for Federal or State Office Use)

Approved by

Paul R. S. H.

Title

Chief, Lands and Mineral Resources

Date

FEB 16 1995

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

JICARILLA B 7
Sec. 16-T26N-R5W
Rio Arriba County, New Mexico
Cliff House Recompletion Procedure

REASON FOR WORK

Amoco wants to maximize the revenue generating capabilities of this wellbore by completing in the Cliff House formation and downhole commingling the Cliff House production with the existing production from the Gallup and Dakota formations. Completing the Cliff House formation will increase production from the wellbore by approximately 200 MCFD and allow for the recovery of approximately 440 MMCF of Cliff House formation gas reserves.

RECOMPLETION OBJECTIVES

Clean out the wellbore to the PBTD of 7633'. Perforate and fracture stimulate the Mesaverde Cliff House formation at 4854' - 4890', and 4910' - 4920'. Downhole commingle the Cliff House production with the existing Gallup and Dakota production and produce the wellbore through a single set of surface facilities. The estimated recompletion cost is \$100,000.

NEEDS

Individual formation flow rates, pressure data, and gas samples will need to be collected and analysed. The information will be utilized when requesting approval for downhole commingling of the production streams.

RISKS

The wellbore will need to be worked as hot as possible to keep from damaging the existing Gallup and Dakota completions. These two formations will be returned to production when the Cliff House completion is finished. Use 3% KCL water if kill fluid is needed.

SUGGESTED PROCEDURE

1. Shut-in the well for 72 hr. Obtain shut-in surface pressures from the tbg on the Gallup side and the tbg on the Dakota side. Collect gas samples from both completions and have analysed.
2. Drop a wireline with swab cups down the 2-1/16" tbg on both the Gallup completion and the Dakota completion. Identify the depth to the top of liquid on both sides. Swab and collect a representative sample of liquid from both the Gallup side and the Dakota side. Have HES perform a complete analysis of the liquid samples. The results will be used in the commingling application.
3. Lower the 2-1/16" tbg on the Gallup side down to the packer set @ 7290'. Circulate solids and liquid from the wellbore using N2.
4. TOH with the 2-1/16" tbg on the Gallup side.
5. Unseat the 2-1/16" tbg on the Dakota side from the Baker Model D packer set @ 7290'. TOH with the tbg.
6. Mill up the Baker Model D packer set @ 7290' using N2.
7. Run a bit and scraper to the PBTD of 7633'. Circulate the hole clean with N2.

8. Wireline set a RBP @ 6700' and cap with 5 sacks of sand.
9. Run a CBL\CCCL\GR from 6650' to surface. Determine TOC and if cement isolates the Cliff House pay from 4800' - 4950'. Cement remediation work will be done if necessary.
10. Pressure test csg to 3000 psi.
11. Perforate the Cliff House formation @ 4854' - 4890', and 4910' - 4920'. Correlate with Schlumberger's 'Compensated Formation Density log dated 9/19/66. Perforate with 4 JSPF, 120 degree phasing, minimum 12.5 gram charges.
12. Fracture stimulate Cliff House perforations down csg according to the attached frac schedule A. Shut-in the well over night.
13. Flow the Cliff House completion back up csg. Flow until the well cleans up. Tag for sand over the Cliff House perforations using a wireline. If necessary, clean out any sand that covers the perforations using N2 and 2-1/16" tbg.
14. Hang the 2-1/16" tbg intake @ 4850'. Flow test the Cliff House completion for 5 days. Obtain flow rates and pressures and notify engineering. Collect gas and water samples on the last day and send in for analysis.
15. Shut-in the Cliff House completion and obtain a 48 hr surface tbg pressure. Identify the depth of the top of liquid with a wireline and swab cups. Collect a representative sample of the liquid and have a complete analysis done by HES.
16. Pick-up and TOOH with the RBP that is set @ 6700'.
17. TTH with mule shoe, SN, and 2-1/16" tbg. Land the tbg intake @ 7370'.
18. Swab the well in with all 3 formations open. Blow the well clean for 3 or 4 days if necessary. Return the well to production.
19. Amoco will want to temporarily downhole commingle, produce and sell gas from all 3 formations through common surface facilities for 60 - 90 days while obtaining a stabilized producing rate from the Cliff House completion. Long-term downhole commingling approval will be requested after a stabilized producing rate is established from the Cliff House.

Steven B. Smethie 10/28/94
Steve Smethie, Engineer

R U Montoya 10/28/94
Ralph Montoya, Field Foreman

M. L. Roland 10/28/94
Mike Roland, Operations Specialists

JICARILLA B 007 157
Location - 16H- 26N- 5W
DUAL dk-gp
Orig. Completion - 10/66
Last File Update - 1/89 by BCB

BOT OF 8.625 IN OD CSA 368
20 LB/FT JLP CASING
TOC - SURF

MV
4854-90
4910-20

gp--4SPF PERF 6858-6860~

BOT OF 2.063 IN OD TBG AT 6843

dk--4SPF PERF 7348-7354~

BOT OF 2.063 IN OD TBG AT 7290
MODEL model d PACKER 47290

7480-7580~

PBTD AT 7633 FT.

TOTAL DEPTH 7669 FT.

BOT OF 5.5 IN OD CSA 7669
15.5 LB/FT, J-55 CASING
Cathodic Protection - N
gp 12' d.s. since 1976

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

9000109

6. If Indian Allottee or Tribe Name

JICARILLA DULCE

7. Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA B #7

9. API Well No.

3003908096

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

RIO ARRIBA NEW MEXICO

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850FNL 1150FEL Sec. 16 T 26N R 5W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

AMOCO PROPOSES TO RECOMPLETE THIS WELL TO THE MESAVERDE (CLIFFHOUSE) PER THE ATTACHED PROCEDURE.

THE WELL IS CURRENTLY A DAKOTA PRODUCER WITH THE GALLUP SHUT IN.

IF THE MESAVERDE RECOMPLETION IS SUCCESSFUL, AMOCO WILL APPLY TO DOWNHOLE COMMINGLE ALL THE FORMATIONS.

IN ADDITION AMOCO REQUESTS PERMISSION TO SELL THE GAS DURING THE TESTING PHASE OF THIS RECOMPLETION. IN ORDER TO GET STABILIZED RATES THE TESTING MAY TAKE UP TO NINETY DAYS.

RECEIVED
NOV 10 1994
OIL CON. DIV.
DIST. 3

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

11-01-1901

(This space for Federal or State office use)

(ORIG. SGD.) ROBERT A. KENT

for

Chief, Lands and Mineral Resources

NOV 8 1994

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

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

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

Form C-102

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30 039 08096	' Pool Code 72319	' Pool Name Blanco Mesaverde
' Property Code 000733	' Property Name Jicarilla B	' Well Number 7
' OGRID No. 000778	' Operator Name Amoco Production Company	' Elevation 6610 GR

¹⁰ Surface Location

UL or lot no. H	Section 16	Township 26N	Range 5W	Lot Idn	Feet from the 1850	North/South line N	Feet from the 1150	East/West line E	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	-----------------------	-----------------------	---------------------	----------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹² Dedicated Acres 320 ¹ / ₂	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
--	------------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				1850'
				1150'
Section 16				
RECEIVED DEC - 1 1994 OIL CON. DIV. DEC 3				

¹⁷ OPERATOR CERTIFICATION

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

Signature
A. Wayne Branam

Printed Name
A. WAYNE BRANAM

Title
BUSINESS ANALYST

Date
Nov 28, 1994

¹⁸ SURVEYOR CERTIFICATION

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 belief.

ON File Jun 28, 1996

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

RECEIVED
OCT 25 1993
OIL CON. DIV.
DIST. 3

COMMINGLING ORDER PC-872

Amoco Production Company
P.O. Box 800
Denver, CO 80201

Attention: J.W. Hawkins

LEASE NAME: *Jicarilla "B" Well No. 7*
DESCRIPTION: *Tapacito Gallup Pool: N/2 and, Basin Dakota Pool: N/2 of Section 16, Township 26 North, Range 5 West, Rio Arriba County, New Mexico.*

The above-named company is hereby authorized to commingle Tapacito Gallup Pool and Basin Dakota Pool production in a common separator and meter run, and to determine the production from each pool by well tests to be conducted on a bi-annual basis. (All commingled production must be of marginal nature; further, the operator shall notify the Santa Fe office of the Division in the event any well in the commingled battery becomes capable of top allowable production, at which time the Division will amend this order or take such other action as may be appropriate.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: Production may be allocated based on historical percentages for individual pools until no later than June 1994 at which time the bi-annual well tests will commence.

DONE at Santa Fe, New Mexico, on this 20th day of October, 1993.

WILLIAM J. LEMAY,
Director

cc: Oil Conservation Division- Aztec
US Bureau of Land Management - Farmington (Attention: John Keller)

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator AMOCO PRODUCTION COMPANY		Well API No. 300390809600
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: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA B	Well No. 7	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>	Lease No.
Location Unit Letter H : 1650 1850 Feet From The FNL Line and 1150 Feet From The FEL Line Section 16 Township 26N Range 5W , NMPM , RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> MERIDIAN OIL INC.	Address (Give address to which approved copy of this form is to be sent) 3535 EAST 30TH STREET, FARMINGTON, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> NORTHWEST PIPELINE CORPORATION	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 8900, SALT LAKE CITY, UT 84108-0899	
If well produces oil or liquids, give location of tanks.	Unit	Soc.
	Twp.	Rgn.
	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		SAND CEMENT			
RECEIVED AUG 23 1990 OIL CON. DIV DIST. 3								

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.)

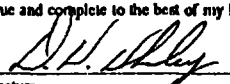
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

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

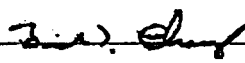
VI. OPERATOR CERTIFICATE OF COMPLIANCE

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.


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

OIL CONSERVATION DIVISION

Date Approved **AUG 23 1990**

By 
Title **SUPERVISOR DISTRICT #3**

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

Operator AMOCO PRODUCTION COMPANY		Well API No. 300390809600
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: <input type="checkbox"/>	
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 JICARILLA B	Well No. 7	Pool Name, Including Formation TAPACITO GALLUP (ASSOCIATED)	Kind of Lease State, <input checked="" type="checkbox"/> Federal or Fee	Lease No.
Location Unit Letter H : +650-1850 Feet From The FNL Line and 1150 Feet From The FEL Line Section 16 Township 26N Range 5W , NMPM , RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> MERIDIAN OIL INC.	Address (Give address to which approved copy of this form is to be sent) 3535 EAST 30TH STREET, FARMINGTON, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> NORTHWEST PIPELINE CORPORATION	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 8900, SALT LAKE CITY, UT 84108-0899	
If well produces oil or liquids, give location of tanks.	Unit	Soc.
	Twp.	Rge.

If this production is commingling 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		WELLS CEMENT			
RECEIVED AUG 23 1990 OIL CON. DIV								

V. TEST DATA AND REQUEST FOR ALLOWABLE

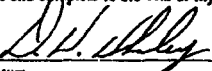
OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for the DIST or 24 for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

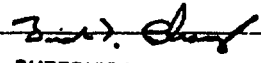
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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
Date **July 5, 1990**
Telephone No. **303-830-4280**

OIL CONSERVATION DIVISION

Date Approved **AUG 23 1990**
By 
Title **SUPERVISOR DISTRICT #3**

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.
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- 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

Operator Amoco Production Company		Well API No. 3003908096
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:	
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 JICARILLA B	Well No. 7	Pool Name, Including Formation BASIN (DAKOTA) TAPACITO COAL RES.	Lease No. 9000109
Location Unit Letter H : 1830 Feet From The FNL Line and 1150 Feet From The FEL Line Section 16 Township 26N Range 5W , NMPM , RIO ARRIBA 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)	
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)	
NORTHWEST PIPELINE CORPORATION	P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899	
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 (DP, 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 Title
January 16, 1989 303-830-5025
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**

By *[Signature]*
Title **SUPERVISION DISTRICT # 3**

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.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company		Well API No. 3003908096
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:	
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 JICARILLA B	Well No. 7	Pool Name, including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 9000109
Location Unit Letter H : 1650 Feet From The FNL Line and 1150 Feet From The FEL Line Section 16 Township 26N Range 5W , NMPM, RIO ARRIBA 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) P. O. BOX 1429, BLOOMFIELD, NM 87413
CONOCO	
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) P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899
NORTHWEST PIPELINE CORPORATION	
If well produces oil or liquids, give location of tanks.	Unit Sec. 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 (piston, 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 Title
January 16, 1989 **303-830-5025**
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1990**

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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED
NOV 23 1987
OIL CON. DIV.
DIST. 3

I. Operator Tenneco Oil Company	
Address P.O. Box 3249, Englewood, CO 80155	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/> Condensate Change of condensate transporter from Gary Energy to Conoco effective 12/1/87

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

II. DESCRIPTION OF WELL AND LEASE

* Jicarilla Cont. 109

Lessee Name Jicarilla B	Well No. 7	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Indian	Lease No. *
Location				
Unit Letter H	: 1850	Feet From The North	Line and 1150	Feet From The East
Line of Section 16	Township 26N	Range 5W	NMPM, Rio Arriba 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 460, Hobbs, NM 88240
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)
Northwest Pipeline	P.O. Box 90, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
H 16 26N 5W	Yes

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.


(Signature)
Sr. Administrative Analyst
(Title)
11/19/87
(Date)

OIL CONSERVATION DIVISION

APPROVED 
NOV 23 1987
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.

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

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-11
 Effective 1-1-65

I. OPERATOR

Operator Tenneco Oil Company

Address P.O. Box 3249 Englewood, CO 80155

Reason(s) for filing (Check proper box)

New Well <input type="checkbox"/>	Change in Transporter of:	Other (Please explain)
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 checked="" type="checkbox"/>

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Jicarilla B</u>	Well No. <u>7</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Indian</u>	Lease No. <u>Jicarilla Cont 109</u>
Location Unit Letter <u>H</u> ; <u>1850</u> Feet From The <u>North</u> Line and <u>1150</u> Feet From The <u>East</u>				
Line of Section <u>16</u> Township <u>26N</u> Range <u>5W</u> , NMPM, <u>Rio Arriba</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"/> <u>Gary Energy Corporation</u>	Address (Give address to which approved copy of this form is to be sent) <u>4 Inverness Ct. East Englewood, CO 80112-5591</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <u>Northwest Pipeline Corporation</u>	Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 4490, Farmington, N. M. 87401</u>
If well produces oil or liquids, give location of tanks. Unit <u>H</u> Sec. <u>16</u> Twp. <u>26N</u> Rge. <u>5W</u>	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: _____

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

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.

Martin L. Sumner
 (Signature)
 Administrative Supervisor
 (Title)
 10/10/84
 (Date)

OIL CONSERVATION COMMISSION

APPROVED NOV 01 1984
 BY Frank J. [Signature]
 SUPERVISOR DISTRICT # 3
 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 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 multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

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 ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850 FNL, 1150 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

FEB 05 1982

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

(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.)*

Listed below is the information you requested on the above referenced well:

Gallup formation

6284'

Sand, shale, Gas



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

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

SIGNED Saundra F. Peron TITLE Production Analyst DATE 2/1/82
Saundra F. Peron

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

FEB 09 1982

*See Instructions on Reverse Side

NMOCQ

FARMINGTON DISTRICT

BY Sm

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

1200 Lincoln Tower Bldg., Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 1850 FNL-1150 FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6610GR

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicrailla Cont 109

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla B

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Tapacito Gallup

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

Sec. 16, T26N, R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Shut-In

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.)*

STATUS OF WELL: tapacito Gallup zone shut in

APPROXIMATE DATE THAT TEMP. ABAND. COMMENCED:

REASON FOR TEMP ABAND: low deliverability

FUTURE PLANS FOR WELL: none*

APPROXIMATE DATE OF FUTURE W.O. OR PLUGGING: N/A

TEMPORARY ABANDONMENT
EXPIRES 12-31-76



*Note: Producing in Dakota

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

SIGNED

W. H. Meyer

TITLE

Division Production Manager

DATE

11-6-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

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 "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. JICA Mills Cont 109
2. NAME OF OPERATOR Tenneco Oil Company	6. IF INDIAN, ALLEGATION OR TRIBES NAME
3. ADDRESS OF OPERATOR 1200 Lincoln Tower Bldg., Denver, Colorado 80203	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850 FNL - 1150 FEL	8. FARM OR LEASE NAME JICA Mills 3
	9. WELL NO. 7
	10. FIELD AND POOL, OR WILDCAT Tapacito Gallup
	11. SEC. T. R. M., OF NE 1/4 AND SURVEY OR ADJ. SEC 16, T24N, R6W
14. PERMIT NO.	12. COUNTY OR PARISH 13. STATE Rio Arriba N.M.
15. ELEVATIONS (Show whether DF, ST, GR, etc.)	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT ON:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Shut-In	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

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.)*

STATUS OF WELL: **Tapacito Gallup zone shut-in**

APPROXIMATE DATE THAT TEMP. ABAND. COMMENCED:

REASON FOR TEMP ABAND: **Low deliverability**FUTURE PLANS FOR WELL: **None***APPROXIMATE DATE OF FUTURE W.O. OR PLUGGING: **N/A*** **Note: Producing in Dakota**

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

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Division Production Manager

DATE

December 13, 1974

NO. OF COPIES RECEIVED		4
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	1
OPERATOR		1
PRODUCTION OFFICE		

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-110
 Effective 1-1-65

Operator Tenneco Oil Company	
Address Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Effective January 1, 1974	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicrailla "B"	Well No. 7	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Indian	Lease No. Jicrailla Cont. 109
Location Unit Letter H : 1850 Feet From The North Line and 1150 Feet From The East Line of Section 16 Township 26N Range 5W NMPM, Rio Arriba 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)
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)
Northwest Pipeline Corporation	501 Airport Drive, Farmington, New Mexico 87401
If well produces oil or liquids, give location of tanks. Unit H Sec. 16 Twp. 26 Rge. 5	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: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Restv.	Diff. Restv.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, CR, 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 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-Bble.	Water-Bble.	Gas-MCF

GAS WELL

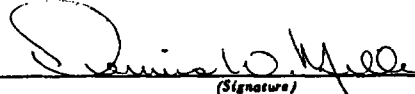
Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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.

OIL CONSERVATION COMMISSION FEB 7 1974	
APPROVED _____	Original Signed by A. R. Kendrick
BY _____	INSTRUMENT ENGINEER DIST. NO. 3
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 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 multiply completed wells.


 (Signature)
Production Clerk
 (Title)
12/13/73
 (Date)

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

Form C-104
Supersedes Old C-101 and C-110
Effective 1-1-65

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANITARY	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS
OPERATION	
PRODUCTION OFFICE	1
Operator	

Tenneco Oil Company

Address

Suite 1200 Lincoln Tower Bldg. - Denver, Colorado 80203

Reason(s) for filing (Check proper box)

New Well ☐
Recompletion ☐
Change in Ownership ☐

Change in Transporter of:
Oil ☐
Casinghead Gas ☐

Dry Gas ☐
Condensate ☒

Other (Please explain)

Change of authorized transporter of condensate only.

Effective 3/13/70

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Sierra 112 B	7	Basin Dakota	State, Federal or Fee	
Location				
Unit Letter	Feet From The	Line and	Feet From The	
H	1850	N	1150	E
Line of Section	Township	Range	N.M.P.M.	County
16	26 N	5 W	Rio Arriba	

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)					
Plateau, Inc.	P. O. Box 108 - Farmington, New Mexico					
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)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	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	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					

7. 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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

8. 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.

Sr. Production Clerk

G. A. Ford

OIL CONSERVATION COMMISSION

APPROVED MAR 20 1970

Original Signed by Emery C. Arnold

TITLE SUPERVISOR DIST. 1

This form is to be filed in compliance with RULE 1154.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 1111.

All sections of this form must be filled out completely for all wells on new and completed wells.

NO. OF COPIES RECEIVED	5
BY	
DATE	1
TIME	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1
	GAS 1
OPERATOR	1
PRODUCTION OFFICE	

**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-110
Effective 1-1-65

Operator Tenneco Oil Company	
Address P. O. Box 1714, Durango, Colorado 81301	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input checked="" 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"/>
Dual Basin Dakota and Tapacito Gallup.	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla "B"	Well No. 7	Pool Name, Including Formation Tapacito Gallup	Kind of Lease State, Federal or Fee Fed	Lease No. Jicarilla 1
Location East Center X 1290 Feet From The North Line and 1150 Feet From The East				
Section 16 Township 26N Range 5W , NMPS, Rio Arriba County				

III. 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)
Rock Island Oil and Refining	P. O. Box 328, Farmington, New Mexico
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 990, Farmington, New Mexico
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. H 16 26 5
	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 <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> New Well <input 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 9/4/66	Date Compl. Ready to Prod. 9/1/67	Total Depth 7668	P.B.T.D. 7633
Elevations (DF, RKB, RT, CR, etc.) 6610 Gr.	Name of Producing Formation Tapacito Gallup	Top Oil/Gas Pay 6858	Tubing Depth 7290
Perforations 6858-6860 Gallup		Depth Casing Shoe 7668	
TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8"	368	200
7-7/8"	5-1/2"	7668	925 sx

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 9/1/67	Date of Test 9/1/67	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure	Casing Pressure	Choke Size 3/4
Actual Prod. During Test 30 BOPD	Oil-Bbls. 30 BOPD	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. 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.

K. K. Wagner
K. K. Wagner (Signature)

(Title)

9/12/67

(Date)

OIL CONSERVATION COMMISSION

APPROVED **DEC 7 1967**

BY **Original Signed by Emery C. Arnold**

TITLE **SUPERVISOR DIST. #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 multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Dual

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1850 FNL, 1150 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

Re-entry 4/67

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

9/1/67

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

6610 Cr.

19. ELEV. CASINGHEAD

6610

20. TOTAL DEPTH, MD & TVD

7668

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

7633

22. IF MULTIPLE COMPL.,
HOW MANY*

- 2 -

23. INTERVALS
DRILLED BY

0-7668

ROTARY TOOLS

0-7668

CABLE TOOLS

0

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

6858-6860 Gallup, 7349-7580 Dakota

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24.5	388	12-1/4	200 sx	None
8-1/2	14 & 15.5#	7668	7-7/8	925 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-1/16	6843	
					2-1/16	7290	7290

31. PERFORATION RECORD (Interval, size and number)

6858, 6859, 6860, 12 holes

Gallup

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
6858-6860 18,000# sd, 30,000 gals wtr.

33.*

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, pumpjack, etc.)	WELL STATUS (Producing or shut-in)					
9/1/67	Flowing	Prod.					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/1/67	24	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	30 MOPD Gallup				

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

M. K. Wagner

TITLE

DATE

9/22/67

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

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.)

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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN. DEPTH	TRUE VERT. DEPTH
Gallup Dakota	6844 7349	6852 7312 7300 7300	Sand (Oil) Sand & Shale (Gas)	Pictured Cliffs Lewis Shale Mesaverde Mancos Gallup Greenhorn Dakota	3130 3210 4848 5510 6270 7260	

**THE APPLICATION OF TENNECO OIL COMPANY
FOR A DUAL COMPLETION.**

ORDER NO. NC-1769

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION**

Under the provisions of Rule 112-A, Tenneco Oil Company made application to the New Mexico Oil Conservation Commission on May 10, 1967, for permission to dually complete its Jicarilla "B" Well No. 7 located in Unit H of Section 16, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce oil from the Tapacito-Gallup Oil Pool and gas from the Basin-Dakota Pool.

NOW, on this 30th day of May, 1967, the Secretary-Director finds:

- (1) That application has been duly filed under the provisions of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That no objections have been received within the waiting period as prescribed by said rule.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Tenneco Oil Company, be and the same is hereby authorized to dually complete its Jicarilla "B" Well No. 7 located in Unit H of Section 16, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce oil from the Tapacito-Gallup Oil Pool and gas from the Basin-Dakota Pool through parallel strings of tubing.

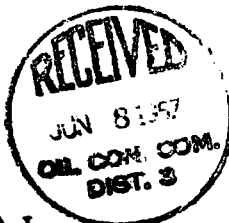
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Basin-Dakota Pool.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



**STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION**

**A. L. PORTER, Jr.
Secretary-Director**

S E A L

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

May 31, 1967

Tenneco Oil Company
P. O. Box 1714
Durango, Colorado 81302

Attention: Mr. Robert E. Siverson

Administrative Order NSL-398

Gentlemen:

Reference is made to your application for approval of an unorthodox well location for your Jicarilla "B" Well No. 7 located 1850 feet from the North line and 1150 feet from the East line of Section 16, Township 26 North, Range 5 West, NMPM, Tapacito Gallup Associated Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 4 (b) of Order No. R-3211, the above described unorthodox well location is hereby approved.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/GMH/esr

cc: Oil Conservation Commission Astec
United States Geological Survey Farmington
Oil & Gas Engineering Committee Hobbs



TENNECO OIL COMPANY

A Major Component of Tenneco Inc.

P.O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302



May 8, 1967

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.
Director

Re: Jicarilla "B" No. 7 ✓
1850' FNL, 1150' FEL
Section 16, T-26-N, R-5-W
Rio Arriba County, New Mexico

Gentlemen:

Tenneco Oil Company requests an exception to Tapicito Gallup Field Rule 4a for the above referenced well. This well is now completed in the Basin Dakota Field and is an orthodox location in this respect. This request is made so that we may dually complete this well in the Tapicito Gallup Pool.

A request for a waiver has been forwarded to offset operator, Pan American Petroleum Corporation, with the request that they forward their approval or objection directly to your office.



Very truly yours,

TENNECO OIL COMPANY

Robert E. Siverson
District Production Superintendent

JHW:hes

CC: New Mexico Oil Conservation Commission - Aztec
U. S. Geological Survey - Farmington
Atlantic Richfield Company
Continental Oil Company
Pan American Petroleum Corporation
R. H. Byers

TENNECO OIL COMPANY

A Major Component of Tenneco Inc.

P.O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302



May 8, 1967

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Re: Jicarilla "B" No. 7
1850' FNL, 1150' FEL
Section 16, T-26-N, R-5-W
Rio Arriba County, New Mexico

Gentlemen:

Tenneco Oil Company has requested an exception to Tapicito Gallup Field Rule 4a for the above referenced well. If you, as offset operator, have no objection to this request please signify your approval in the space provided below and forward one copy to the New Mexico Oil Conservation Commission in Santa Fe to the attention of Mr. A. L. Porter, Jr.

Your cooperation will be greatly appreciated.

Very truly yours,

TENNECO OIL COMPANY

Robert E. Siverson
District Production Superintendent

JHW:hes

APPROVED:

Pan American Petroleum Corporation

DATE:

CC: New Mexico Oil Conservation Commission - Aztec
New Mexico Oil Conservation Commission - Santa Fe
U. S. Geological Survey - Farmington
Atlantic Richfield Company
Continental Oil Company
R. H. Byers

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Tenneco Oil Company		County Rio Arriba		Date May 8, 1967
Address P. O. Box 1714, Durango, Colorado		Lease Jicarilla "B"		Well No. 7
Location of Well	Unit H	Section 16	Township 26-N	Range 5-W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. R-3211 ; Operator Lease, and Well No.: Jicarilla

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Tapacito Gallup		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	6880-6858		7349-7580
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

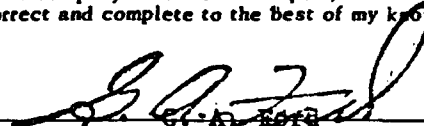
Pan American Petroleum - Security Life Bldg, Denver, Colorado

Humble Oil and Refining - Box 120, Lincoln Tower Bldg, Denver, Colorado

Northwest Production - P. O. Box 1796, El Paso, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification May 9, 1967 .

CERTIFICATE: I, the undersigned, state that I am the Senior Production Clerk of the Tenneco Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.


Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

TENNECO OIL COMPANY

Durango District

Well Name: Jicarilla "B"

Well Number: 7

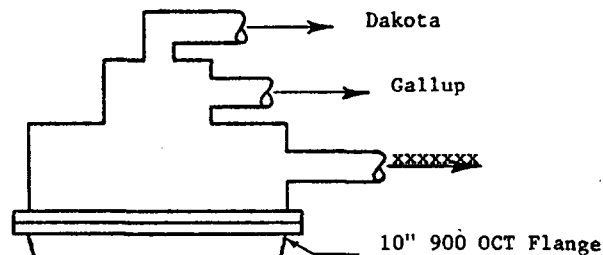
Location: 1850 ENL. 1150 FEL

Sec. 16 Twp. 26N Rge. 5W

County: Rio Arriba

State: New Mexico

Elev. 6590



8-5/8" 24# J-55 - 368'
Cmtd w/200 sx Cl. C.
Cmt Circ.

3rd stage collar 3252

2-1/16 IJ 3.25 V55
F Nipple
(Tubing Anchor not run)
Tubing hung @ 6843

2nd stage collar 5583

2-1/16 IJ 3.25#
GST streamliner w/teflon seals.

Locator sub .53
Seat Nipple .80
Pup Jt. 3.91
Sliding Sleeve 2.41
Cross Over sub .75

5-1/2" Baker Model "D" Pkr
7290
Production Tube 5.00
Seal Assembly 3.20

Dakota Perfs: (1 Hole/ft.)

7349-54 7526-32
7376-84 7562-68
7480-94 7578-80

PBTD 7633, Float Collar

7678

Gallup Perfs:

6858.5 - 4 holes
6859.5 - 4 holes
6860.5 - 4 holes

236 jts set at 7668

5-1/2 15.50 J-55

Cmtd w/925 sx, 3 stages

1st. STAGE CMT:

320 sx Cl. C, 7#/sk NaCl.

Preceded w/50 sx Poz filler

2nd. STAGE CMT:

275 sx Cl. C w/7#/sk NaCl

Preceded w/20 sk Poz filler.

3rd. STAGE CMT:

260 sx Poz filler - Circ 40
bbls cmt.

PERFS:

TD 7680

Signed: Joe Murray
Date: May 8, 1967

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 109	
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Dulce, New Mex.	
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850 FNL, 1150 FEL Unit A		8. FARM OR LEASE NAME Jicarilla "B"	
14. PERMIT NO.		9. WELL NO. 7	
15. ELEVATIONS (Show whether SP, ST, OR, etc.) 6610 Gr.		10. FIELD AND POOL, OR WILDCAT Dual Basin Dakota & Tapacito Gal	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T-26-N, R-5-W	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE New Mexico	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)*

67
4/29/66. RU. CO to 7633 PBTD. Perf 6880 and 6830 w/2 holes. Set cmt retainer at 6871. Treated perfs w/250 gals 15% acid. Circ thru retainer w/100 sx cmt. Perf 6858, 6859, 6860, 12 holes, treat w/750 gals acid. Frac w/30,000 gals oil, 15,000# sd and 3,000# beads. 40 BPM @ 2500#. Swbd. Drld cmt retainer and CO to TD. Set pkr at 7290. Dakota string - 228 jts 2-1/16" tbg, Gallup string 211 jts 2-1/16" tbg hung at 6843. Rel rig 5/4. WO Test.



RECEIVED

MAY 10 1967

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

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

SIGNED <u>G. A. Ford</u>	TITLE <u>Senior Production Clerk</u>	DATE <u>May 8, 1967.</u>
--------------------------	--------------------------------------	--------------------------

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

- 6 USGS
- 1 Cont.
- 1 Atlantic
- 1 File

*See Instructions on Reverse Side

**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.

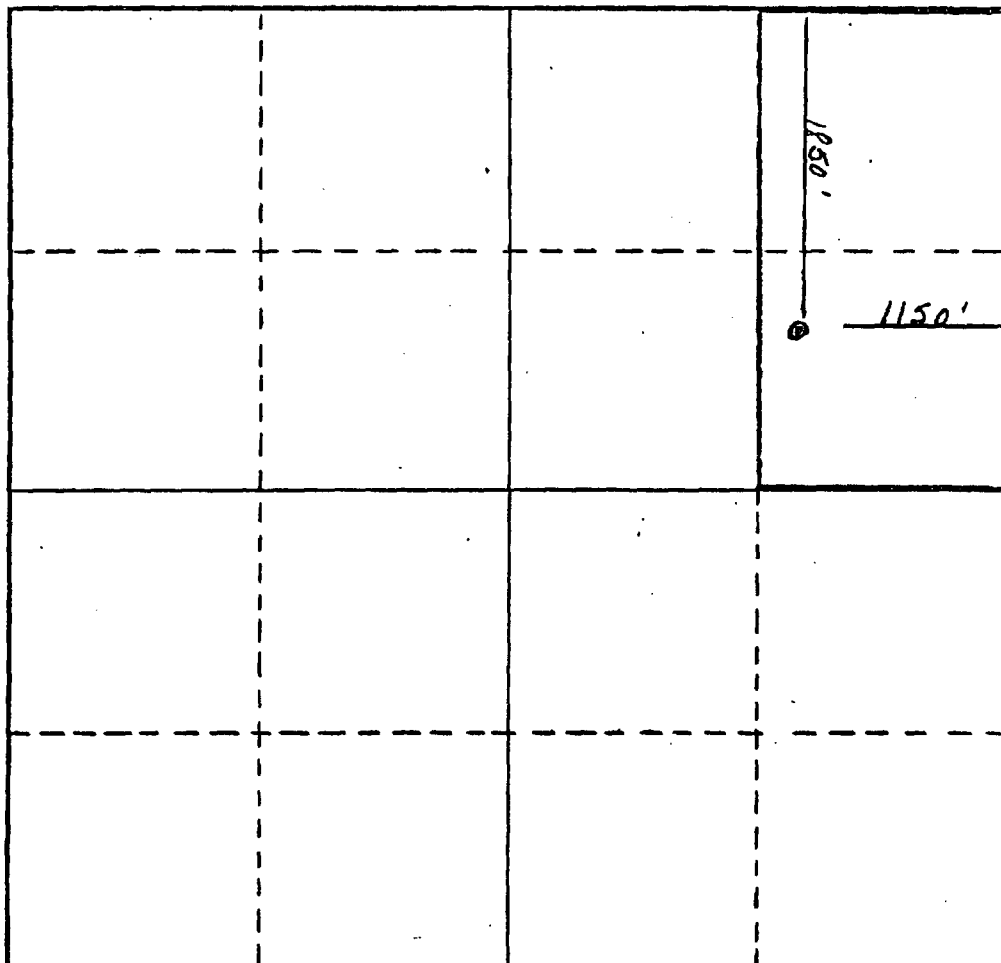
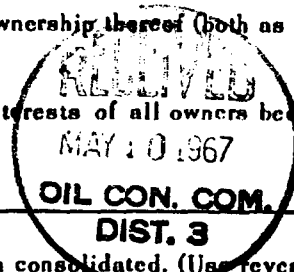
Operator Tenneco Oil Company			Lease Jicarilla "B"		Well No. 7
Unit Letter H	Section 16	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1150 feet from the East line					
Ground Level Elev. 6610 Gr.	Producing Formation Tapacito Gallup		Pool Tapacito Gallup		Dedicated Acreage E/2 of NE 80 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 _____

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.



CERTIFICATION

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

G. A. Ford
Name **G. A. Ford**
Position **Senior Production Clerk**

Company **Tenneco Oil Company**

Date **May 8, 1967**

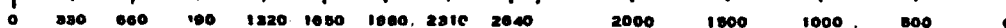
Date

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form 9-531
Revised August 1962
5. LEASE DESIGNATION AND NUMBER
Jicarilla Cont. 100
6. IF INDIAN, ALLOTTEE OR TRUST LAND
Jicarilla, Dulce, New Mexico
7. UNIT AGREEMENT NAME
Jicarilla "2"
8. FARM OR LEASE NAME
Jicarilla "2"
9. WELL NO.
7
10. FIELD AND TOOL, OR WILDCAT
South Blanco Tocito
11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA
Sec. 16, T-26-N, R-5-W
12. COUNTY OR PARISH AND STATE
Rio Arriba New Mexico

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 1714, Durango, Colorado 81301
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1850 FNL, 1150 FEL
Unit H
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6610 Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☒
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

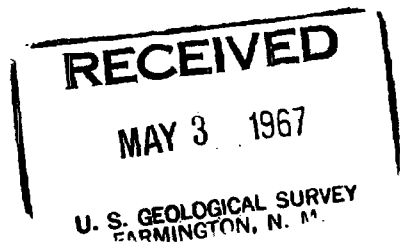
WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)*

We plan to rig up and kill Dakota sand w/salt wtr. Pull tbq, set CIBP w/wireline. Perf two holes at 6880 and 2 holes at 6830. Set cmt retainer pkr, run tbq and set in pkr. Est circ through tbq, around csq and in perfs at 6830. Circ 250 gals acid ahead of cmt. Cmt w/100 sx. WOC. Drill out, pressure test, and load hole. Perf, frac. Run two strings 2-1/16" tbq. Complete as a dual Basin Dakota and South Blanco Tocito gas well. Run deliverability test.



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

SIGNED

TITLE

Senior Production Clerk

DATE

April 25, 1967

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

5 UZGS
1 Cont
1 Atlantic

*See Instructions on Reverse Side

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

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

Well Name Jicarilla "B"	Lease No.	Well No. 7	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal
Location				
East Corner _____ N _____ : _____ 1890 Feet From The North Line and _____ 1150 Feet From The East				
Line of Section 16 Township 26N Range 5 W , NMPM, Rio Arriba County				

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)	
Rock Island Oil and Refining					P. O. Box 328, Farmington, New Mexico	
Name of Authorized Transporter of Crudehead 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 990, Farmington, New Mexico	
It well produces oil or liquids, give location of tanks.		Unit H	Sec. 16	Twp. 26	Rge. 5	Is gas actually connected? No
						When On Approval

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

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
			X	X					
Date of Completion	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.					
9/4/88	10/6/88	7670		7633					
Formation (HP, RND, RT, GR, etc.,	Name of Producing Formation	Top Oil/Gas Pay		Tubing Depth					
8810 Gr.	Dakota	7349		7563					
Perforations							Depth Casing Shoe		
7349-7580							7670		
TUBING, CASING, AND CEMENTING RECORD									
POLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT					
12 1/8"	8 5/8"	368		200 sx					
7 7/8"	5 1/2"	7668		925 sx					

(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-Bbls.

ACME Well TUB-MCP/D 100	Length of Test 3 hrs.	Bble. Condensate/MMCF	Gravity of Condensate
Well: 100 (100, back pr.) 100 Back Pr.	Tubing Pressure 211	Casing Pressure 755	Choke Size 3/4"

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.

[Signature]

 (Name)

 (Title)

 (Date)

APPROVED NOV 30 1966, 19
BY Original Signed by Emery C. Arnold
TITLE SUPERVISOR DIST. #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 multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>						
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>				
2. NAME OF OPERATOR Tenneco Oil Company											
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301											
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 1850' FNL 1150' FRL At top prod. interval reported below Unit Letter "H" At total depth											
14. PERMIT NO.				DATE ISSUED NOV 14 1966							
5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 109											
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla, Dulce, New Mex.											
7. UNIT AGREEMENT NAME											
8. NAME OR LEASE NAME Jicarilla "H"											
9. WELL NO. 17											
10. FIELD AND POOL, OR WILDCAT Sagin Dakota											
11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 16, T-26-N, R-5-W											
12. COUNTY OR PARISH Rio Arriba				13. STATE New Mexico							
15. DATE SPUDDED 9/4/66		16. DATE T.D. REACHED 9/19/66		17. DATE COMPL. (Ready to prod.) 10/6/66		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6610' GR		19. ELEV. CASINGHEAD 6610			
20. TOTAL DEPTH, MD & TVD 7670		21. PLUG, BACK T.D., MD & TVD 7633		22. IF MULTIPLE COMPL., HOW MANY* ---		23. INTERVALS DRILLED BY ---		ROTARY TOOLS 0-7670		CABLE TOOLS 0	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7349-7580								25. WAS DIRECTIONAL SURVEY MADE Yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, BRD Logs								27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8		24#		368		12-1/4		200 SX		NONE	
5-1/2		14 & 15.5#		7668		7-7/8		925 SX			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3/8		7563		None							
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
7580-7480 28 holes						DEPTH INTERVAL (MD)					
7376-84 1 BPF						7580-7480 1500 gals acid					
7349-7354 4 HPF						7580-7480 75,000# ad & 75,000 gals wtr.					
						7349-7384 45,000# ad & 45,000 gals str.					
33. PRODUCTION											
DATE FIRST PRODUCTION SI		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 10/6/66		HOURS TESTED 3		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD ---		OIL—BBL. ---		GAS—MCF. ---	
FLOW. TUBING PRESS. 211		CASING PRESSURE 755		CALCULATED 24-HOUR RATE ---		OIL—BBL. ---		GAS—MCF. 2974		OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)											
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED Harold C. Nichols		DATE November 10, 1966						BY Senior Production Clerk			

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

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 38: 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, of each zone, 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: "Seal Cement": Attach 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.)

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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TRUE VERT. DEPTH
Pictured Cliffs	3130	3200	Sand-Shale (Gas-Dry)	Pictured Cliffs	3130
Measverde	4865	4920	Sand-Shale (Gas)	Measverde	4850
Dakota	7350	7625	Sand-Shale (Gas-Dry)	Wanona	5510
				Callup	6230
				Greenhorn	7260
				Dakota	7340

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont 109
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Dulce N.M.
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850 FNL 1150 FEL Unit H		8. FARM OR LEASE NAME Jicarilla B
14. PERMIT NO.		9. WELL NO. 7
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6610 Gr.		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T. 26 N., R. 5 W.
		12. COUNTY OR PARISH Rio Arriba
		13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

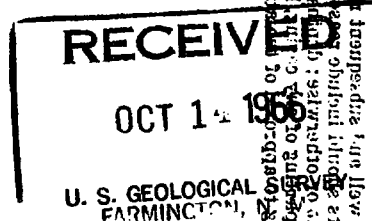
(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Rigged up completion unit 9/25/66. CO to TD. PBTD 7633. Perf. 7580-7480 w/ 1 HPF, 28 holes. Acidized w/1500 gals. acid. Frac w/75,000# sand and 75,000 gals. water. Set BP at 7420. Perf. 7376-84 w/1HPF, 7349-7354 w/4HPF, 28 holes. Frac w/45,000# sand and 45,000 gals. water. CO to 7616. Ran 240 jts. 2 3/8" EUE tubing set at 7563'. Installed tree.

Released rig 9/27/66. WO test.



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

SIGNED Harold C. Nichols TITLE Senior Production Clerk DATE 10/13/66

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DISTRIBUTION:

6-USGS

1-Atlantic

1-Continental

1-File

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Cont 109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Dulce N.M.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "B"

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 16, T. 26 N., R. 5 W.

12. COUNTY OR PARISH 13. STATE
Rio Arriba New Mexico

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1714, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1850 FNL 1150 FEL Unit H

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6610 Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

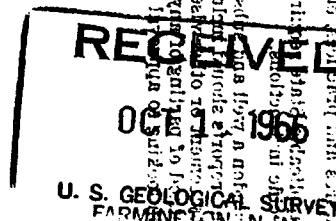
WATER SHUT-OFF ☒
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Spud 9/4/66. Drilled to 368'. Ran 9 jts. 8 5/8" 24# casing set at 368' w/200 sx cement. Cement circulated. WOC. Drilled to TD 7670 on 9/19/66. Logged Ran 5 1/2" 15.5# and 14# casing set at 7668' w/925 sx cement. Cement circulated. WOC. Stage collars set at 5583 and 3252. Ran IES and GRD logs. WO completion. Released rig 9/20/66.



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

SIGNED Harold C. Nichols Senior Production Clerk

DATE 10/13/66

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:
DISTRIBUTION
6-USGS
1-Atlantic
1-Continental
1-File

*See Instructions on Reverse Side

TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

JICARILLA "B" NO. 7

<u>DEPTH</u>	<u>INCLINATION</u>
157'	1/4°
337'	1°
1370'	1°
2745'	1-1/2°
3185'	1-1/4°
3722'	3/4°
4193'	1/2°
4509'	3/4°
4695'	1/2°
4915'	1/2°
5103'	1-1/4°
5478'	1-1/2°
5763'	1-1/2°
6044'	1/2°
6485'	3/4°
6829'	1°
7298'	1-1/2°
7646'	1-1/2°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on TENNECO OIL COMPANY'S JICARILLA "B" NO. 7, Basin Dakota Field, located in Section 16, T-26-N, R-5-W, Rio Arriba County, New Mexico.

Signed Harold C. Nichols
Senior Production Clerk



THE STATE OF COLORADO)
COUNTY OF LA PLATA)

BEFORE ME, the undersigned authority, on this day personally appeared Harold C. Nichols known to me to be Senior Production Clerk for Tenneco Oil Company and to be the person whose name is subscribed to the above statement, who, being my be duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 21st day of September, 1966.

Marie L. Poer

My commission expires June 28, 1969.

MARIE L. POER
P. O. Box 1714
Durango, Colorado
La Plata County, Colorado

Distribution:

- 1 copy - New Mexico Oil Conservation Commission ✓
- 1 copy - Atlantic Refining Company
- 1 copy - Continental Oil Company
- 1 copy - File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

1850' FEL 1150' FEL

At proposed prod. zone

Unit ~~A~~ H

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

380

17. NO. OF ACRES ASSIGNED

TO THIS WELL

380 1/2

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

19. PROPOSED DEPTH

7655'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GB, etc.)

6610' GR

22. APPROX. DATE WORK WILL START*

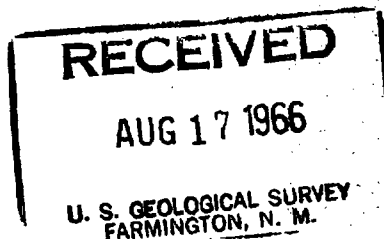
September 7, 1966

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	20 & 24	400	Cement to surface
7-7/8	4-1/2	10.5 & 11.6	7655	1st stage - 235 cu.
				2nd stage - cement to surface

We plan to drill to approximate TD 7655'. Run IES & OR Density logs. Run casing as shown above w/ stage collar set approximately 300' below bottom of Mesaverde. WOC. Perf. and frac and complete as a single Basin Dakota gas well. Run 2-3/8" EUE tubing and conduct deliverability tests.



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. Original Signed By
HAROLD C. NICHOLS

SIGNED

Harold C. Nichols

TITLE

DATE

8-16-66

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY			Lease JICARILLA "B"		Well No. 7
Unit Letter H	Section 16	Township 26 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1150 feet from the East line					
Ground Level Elev. 6610' ungraded	Producing Formation Basin Dakota	Pool Basin Dakota	Dedicated Acreage: 320 1/2 Acres		

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

() Yes () No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually 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.

CERTIFICATION

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

Harold C. Nichols
Name _____

Sr. Production Clerk

Position _____

Tenneco Oil Company

Company _____

August 16, 1966

Date _____

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.

28 June 1966

Date Surveyed _____

Robert H. Ernst
Registered Professional Engineer

and/or Land Surveyor

Robert H. Ernst

N. Mex. PE & LS 2463

Certificate No. _____

