Sec : 13 Twp : 26N Rng : 05W Section Type : NORMAL

Sec : 13 Twp : 26N Kirs	VIIA . O.M. SOCIETA	H H	
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county Rio Arriba Pool BS Mesa- Gallup

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Ext: All Se	ec. 1,5=45ec. 2 (A	1-8022,8-22-85	-)	
EXT: NE	ec. 1, <sup>5</sup> 5/45ec. 2 (R 45ec. 2 (R-1017	8,8-30-94) Ex	+: SW/ Sec. 2 (R-1035	75-2-95)
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TOWNSHIP 26 No	orth RANGE 4 W	est NMF	M	
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19	20 21	22	23	24
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31	32 - 33 -	34	35	36

Description: 5W fec 3; All Sec 4\$ 5; 2 & Sec 6; NE Sec. 7; NE Sec. 8 (R-3856) 11-1-69)

Ext: N Sec. 3; NE Sec. 9; NW Sec. 10(R-4260,3-1-72) Ext: 56/4 Sec. 3 (R-5779, 8-1-78)

Ext: W/2 and 56/4 Sec. 9 (R-7046, 8-6-82) Ext: NW/4 Sec. 1, All Sec. 2, 54/4 Sec. 6

(R-6886, 1-12-82) Ext: 56/4 Sec. 8(R-8022, R-22-85)

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 4229 Order No. R-3856

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING CERTAIN POOLS IN RIO ARRIBA, SANDOVAL, AND SAN JUAN COUNTIES, NEW MEXICO.

### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 22nd day of October, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new gas pool in Rio Arriba County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of BS Mesa-Gallup Pool. Said BS Mesa-Gallup Pool was discovered by the Consolidated Oil and Gas, Incorporated Hoyt Well No. 1, located in Unit H of Section 5, Township 26 North, Range 4 West, NMPM. It was completed in the Gallup formation on January 19, 1964. The top of the perforations is at 7772 feet.
- (3) That there is need for the creation of a new gas pool in Rio Arriba County, New Mexico, for the production of gas from

the Gallup formation, said pool to bear the designation of Wild Horse-Gallup Pool. Said Wild Horse-Gallup Pool was discovered by Southern Union Production Company Jicarilla E Well No. 6, located in Unit B of Section 21, Township 26 North, Range 4 West, NMPM. It was completed in the Gallup formation on January 6, 1957. The top of the perforations is at 7140 feet.

(4) That there is need for certain extensions to the Gavilan-Pictured Cliffs Pool and the Otero-Chacra Pool, both in Rio Arriba County, New Mexico, the Aztec-Pictured Cliffs Pool, the Blanco-Pictured Cliffs Pool, the Fulcher Kutz-Pictured Cliffs Pool, the Mesa-Gallup Oil Pool, and the Hogback-Dakota Oil Pool, all in San Juan County, New Mexico, the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, and the Ballard-Pictured Cliffs Pool and the South Blanco-Pictured Cliffs Pool, both in Rio Arriba, Sandoval, and San Juan Counties, New Mexico.

#### IT IS THEREFORE ORDERED:

(a) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the BS Mesa-Gallup Pool, consisting of the following-described area:

## TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 3: SW/4

Section 4: All

Section 5: All

Section 6: N/2 and SE/4

Section 7: NE/4

Section 8: NE/4

## TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 32: SW/4

(b) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the Wild Horse-Gallup Pool, consisting of the following-described area:

#### TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 18: W/2

Section 19: NW/4

(b) Continued from Page 2 -

#### TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 13: S/2

Section 14: S/2

Section 15: W/2 and SE/4

Section 21: NE/4

Section 22: N/2

Section 23: NW/4

(c) That the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 15: SE/4

Section 21: E/2

Section 22: All

## TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 15: NW/4

## TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 13: N/2

#### TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 19: S/2

Section 28: NW/4

Section 29: SW/4

Section 30: NW/4 and S/2

## TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 13: S/2

Section 24: All

Section 25: All

Section 26: All

(d) That the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1: N/2 and SE/4

(d) Continued from Page 3 -

## TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 19: All (Partial)

Section 26: S/2

Section 35: E/2

Section 36: SW/4

## TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 2: S/2

Section 11: NW/4

(e) That the Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 18: W/2

## TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 6: W/2

Section 7: NW/4

Section 24: W/2

Section 25: NW/4

Section 36: NE/4

(f) That the Fulcher Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 16: N/2

## TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 6: W/2 and SE/4

Section 7: NW/4

(g) That the Gavilan-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

#### TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 14: NW/4

Section 23: SE/4

(h) That the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM Section 22: S/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM Section 25: NW/4

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM Section 23: NW/4

Section 27: All Section 28: All

(i) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM Section 23: N/2

Section 24: NW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 20: SE/4 Section 29: NE/4 Section 36: NW/4

(j) That the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 2: All Section 11: N/2

(k) That the Mesa-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 32 NORTH, RANGE 18 WEST, NMPM

Section 10: S/2 SE/4

Section 14: N/2 SW/4 and SE/4 SW/4 Section 15: E/2 NE/4 and NE/4 SE/4

(1) That the Hogback-Dakota Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM

Section 7: SE/4 SW/4

Section 18: E/2 NW/4 and W/2 NE/4

#### IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations and extensions included herein shall be November 1, 1969.

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

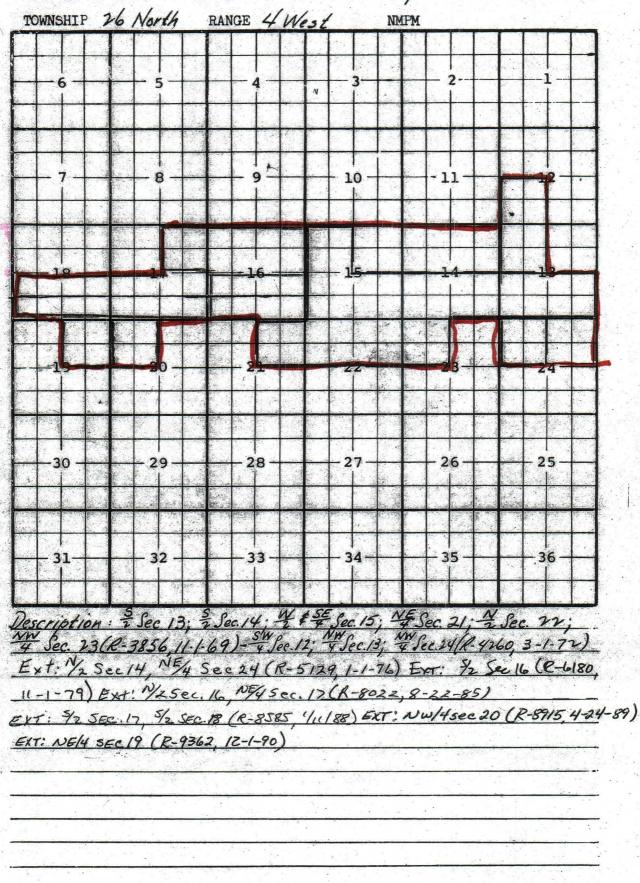
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

SEAL



## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. 4229 Order No. R-3856

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING CERTAIN POOLS IN RIO ARRIBA, SANDOVAL, AND SAN JUAN COUNTIES, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 22nd day of October, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new gas pool in Rio Arriba County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of BS Mesa-Gallup Pool. Said BS Mesa-Gallup Pool was discovered by the Consolidated Oil and Gas, Incorporated Hoyt Well No. 1, located in Unit H of Section 5, Township 26 North, Range 4 West, NMPM. It was completed in the Gallup formation on January 19, 1964. The top of the perforations is at 7772 feet.
- (3) That there is need for the creation of a new gas pool in Rio Arriba County, New Mexico, for the production of gas from

the Gallup formation, said pool to bear the designation of Wild Horse-Gallup Pool. Said Wild Horse-Gallup Pool was discovered by Southern Union Production Company Jicarilla E Well No. 6, located in Unit B of Section 21, Township 26 North, Range 4 West, NMPM. It was completed in the Gallup formation on January 6, 1957. The top of the perforations is at 7140 feet.

(4) That there is need for certain extensions to the Gavilan-Pictured Cliffs Pool and the Otero-Chacra Pool, both in Rio Arriba County, New Mexico, the Aztec-Pictured Cliffs Pool, the Blanco-Pictured Cliffs Pool, the Fulcher Kutz-Pictured Cliffs Pool, the Mesa-Gallup Oil Pool, and the Hogback-Dakota Oil Pool, all in San Juan County, New Mexico, the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, and the Ballard-Pictured Cliffs Pool and the South Blanco-Pictured Cliffs Pool, both in Rio Arriba, Sandoval, and San Juan Counties, New Mexico.

#### IT IS THEREFORE ORDERED:

(a) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the BS Mesa-Gallup Pool, consisting of the following-described area:

## TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 3: SW/4

Section 4: All

Section 5: All

Section 6: N/2 and SE/4

Section 7: NE/4

Section 8: NE/4

## TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 32: SW/4

(b) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the Wild Horse-Gallup Pool, consisting of the following-described area:

#### TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 18: W/2

Section 19: NW/4

(b) Continued from Page 2 -

## TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 13: S/2

Section 14: S/2

Section 15: W/2 and SE/4

Section 21: NE/4

Section 22: N/2

Section 23: NW/4

(c) That the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 15: SE/4 Section 21: E/2 Section 22: All

## TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 15: NW/4

## TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 13: N/2

#### TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 19: S/2

Section 28: NW/4

Section 29: SW/4

Section 30: NW/4 and S/2

### TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 13: S/2

Section 24: All

Section 25: All

Section 26: All

(d) That the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1: N/2 and SE/4

CASE No. 4229 Order No. R-3856

(d) Continued from Page 3 -

## TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 19: All (Partial)

Section 26: S/2

Section 35: E/2

Section 36: SW/4

### TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 2: S/2

Section 11: NW/4

(e) That the Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 18: W/2

#### TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 6: W/2

Section 7: NW/4

Section 24: W/2

Section 25: NW/4

Section 36: NE/4

(f) That the Fulcher Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 16: N/2

## TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 6: W/2 and SE/4

Section 7: NW/4

(g) That the Gavilan-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 14: NW/4

Section 23: SE/4

That the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM Section 22: S/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM Section 25: NW/4

# TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 23: NW/4 Section 27: All Section 28: All

(i) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 23: N/2 Section 24: NW/4

# TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 20: SE/4 Section 29: NE/4 Section 36: NW/4

(j) That the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 2: All Section 11: N/2

(k) That the Mesa-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 32 NORTH, RANGE 18 WEST, NMPM

Section 10: S/2 SE/4

Section 14: N/2 SW/4 and SE/4 SW/4 Section 15: E/2 NE/4 and NE/4 SE/4 (1) That the Hogback-Dakota Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM Section 7: SE/4 SW/4
Section 18: E/2 NW/4 and W/2 NE/4

## IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations and extensions included herein shall be November 1, 1969.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

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COUNTY Rio Arriba POOL Tapacito - Gallup Associated TOWNSHIP 26 North RANGE 6 West 5 4 -9 -10 --11-14 -17 --16 15 -18 19 -- 20 -- 21-- 22 --23-- 24 -- 29 -- 28 --27-- 26 -25--30 -33 -34 -35 -36 31-32 -Ext: NE Sec. 13(R.3281, 8-1-67)

CMD : OG6 I WCM ONGARD

08/03/04 11:21:35

INQUIRE WELL COMPLETIONS OGOMES -TQEY

Pool Idn API Well No: 72319 BLANCO-MESAVERDE (PRORATED GAS) 8148 Eff Date : 01-01-2004 WC Status : A

Prop Idn OGRID Idn 222374 CDX RIO, LLC 33461 JICARILLA C

Well No 800

GL Elevation: 7202

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

Lot Identifier: B.H. Locn H 13 26N 05W FTG 1850 F N FTG 790 F W ש

Dedicated Acre: 320.00

Lease Type

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O):

PF07 PF01 HELP PF08 PF02 PF03 PF09 EXIT PF04 GoTo PF10 NEXT-WC PF11 HISTORY PF12 NXTREC PF05 PF06

PF01 PF07 BKWD OG6ACRE Spacing Unit Prop Idn Sect/Twp/Rng Pool Idn API Well No Dedicated Land: HELP E0005: Enter data to modify or PF keys to scroll PF02 PF08 FWD ω 0 വ 13 26N 05W Acreage 72319 BLANCO-MESAVERDE (PRORATED GAS) 33461 JICARILLA C 34696 OCD Order : 3 9 Base U/L Sec 8148 PF09 PF03 H E C C E A C102-DEDICATE ACREAGE 13 13 13 13 13 EXIT Eff Date : 04-30-1991 26N 26N 26N 26N 26N 26N Twp Rng Acreage 26N 26N 05W 05W 05W 05W 05W 05W 05W 05W PF04 GoTo PF10 LAND 320.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 Revised C102? (Y/N) Simultaneous Dedication: L/WPF05 PF11 NXTSEC Z Z ZZ **44** Ownership IN NI N N IN NI N 08/03/04 11:21:39 PF12 RECONF PF06 CONFIRM Well No: 008 Page No : OGOMES -TQEY Lot Idn

OG6IPRD CMD: Pool Identifier OGRID Identifier : : 72319 BLANCO-MESAVERDE (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 11:21:47 OGOMES -TQEY Page No: 1

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	Page No: 3	OGOMES -TQEY	08/03/04 11:21:51	

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OG6IPRD CMD: API Well No Pool Identifier OGRID Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS) ა 0 39 778 BP AMERICA PRODUCTION COMPANY INQUIRE PRODUCTION BY POOL/WELL 8148 Report Period - From : 01 2000 To : 06 2004 ONGARD 08/03/04 11:21:54 Page No: 6 OGOMES - TQEY

30 API Well No 8148 JICARILLA C Property Name 12 02 XX/WW Prodn. Days 30 Prod Gas Production Volumes ω 5 Water Stat Well Ч

Reporting Period Total (Gas, Oil) : 12901

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

CMD : OG6IPRD OGRID Identifier 222374 CDX RIO, LLC INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 12:36:04 Page No: 1 OGOMES - TQEY

API Well No Pool Identifier 30 39 72319 BLANCO-MESAVERDE (PRORATED GAS) 8148 Report Period - From : 01 2000 To : 06 2004

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Reporting Period Total (Gas, Oil) : 996 44

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PF07 BKWD	PF01 HELP
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OG6IWCM CMD : INQUIRE WELL COMPLETIONS ONGARD

08/03/04 11:21:05 OGOMES -TQEY

Pool Idn API Well No: 30 71599 BASIN DAKOTA (PRORATED GAS) 39 8148 Eff Date : 08-22-2001 WC Status : P

OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY

Prop Idn : 734 JICARILLA C

Well No : 008

GL Elevation: 7202

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

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Lot Identifier:

B.H. Locn

13

26N

05W

FTG 1850 F N FTG

790 F W

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Dedicated Acre:

Lease Type : J

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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Date: 8/3/2004 Time: 11:21:41 AM

OGRID Identifier : OG6IPRD CMD: 778 BP AMERICA PRODUCTION COMPANY INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 11:21:22 OGOMES -TQEY Page No: 1

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Date: 8/3/2004 Time: 11:22:01 AM

#### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 6011 Order No. R-5707

APR 20 1978 OIL CON. CUM.

DIST. 3

APPLICATION OF TENNECO OIL COMPANY FOR DOWNHOLE COMMINGLING. RIO ARRIBA COUNTY, NEW MEXICO.

## ORDER OF THE COMMISSION

## BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 31, 1977, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 18th day of April, 1978, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Tenneco Oil Company, is the owner and operator of the Jicarilla "A" Well No. 1 in Unit L of Section 18, "B" Well No. 8 in Unit B of Section 15, "C" Wells Nos. 4, 5, 6, 7, and 8, located, respectively, in Units F and I of Section 24, F of Section 14, and M and E of Section 13, all in Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.
- (3) That the applicant seeks authority to commingle Blanco Mesaverde and Basin-Dakota production within the wellbore of the above-described wells.
- (4) That of the aforesaid wells, the Jicarilla "A" Well No. 1, "B" Well No. 8, and "C" Wells Nos. 6, 7, and 8 are of low productivity in either one or both of the aforesaid Blanco Mesaverde and Basin-Dakota Pools.
- (5) That the Jicarilla "C" Wells Nos. 4 and 5 are at present producing from the Basin-Dakota Pool only, but are expected to be of low productivity in the Blanco Mesaverde Pool.
- (6) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

-2-Case No. 6011 Order No. R-5707

- (7) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the wells are not shutin for an extended period.
- (8) That to afford the Oil Conservation Division of the New Mexico Energy and Minerals Department the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec office of the Division any time the subject wells are shut-in for 7 consecutive days.
  - (9) That in order to allocate the commingled production to each of the commingled zones in the subject wells, 98 percent of the gas production in Well No. A-1, 35 percent of the production in Well No. B-8, 40 percent of the production in Well No. C-6, and 80 percent of the production in both Well No. C-7 and Well No. C-8 should be attributed to the Dakota formation, and the remainder of the gas production in each well should be attributed to the Mesaverde formation. All liquid hydrocarbons should be attributed to the Dakota formation in each well.
  - (10) That during completion operations on Wells Nos. C-4 and C-5, the applicant should conduct productivity and pressure tests of each of the zones to be commingled, and should consult with the supervisor of the Division's Aztec office to determine an allocation formula for each of said wells.
  - (11) That the Division Director should have the authority to rescind the commingling authority herein granted for said Wells Nos. C-4 and C-5 in the event said productivity tests indicate non-marginal production from either or both of the commingled zones in said wells, or in the event the pressure differential between the commingled zones is of such magnitude as to possibly cause waste.

#### IT IS THEREFORE ORDERED:

- (1) That the applicant, Tenneco Oil Company, is hereby authorized to commingle Blanco Mesaverde and Basin-Dakota production within the wellbores of the Jicarilla "A" Well No. 1 in Unit L of Section 18, "B" Well No. 8 in Unit B of Section 15, "C" Wells Nos. 4, 5, 6, 7 and 8, located, respectively, in Units F and I of Section 24, F of Section 14, and M and E of Section 13, all in Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.
- (2) That 98 percent of the gas production in Well No. A-1, 35 percent of the production in Well No. B-8, 40 percent of the production in Well No. C-6, and 80 percent of the production in both Well No. C-7 and Well No. C-8 shall be attributed to the Dakota formation, and the remainder of the gas production in each well shall be attributed to the Mesaverde formation. All liquid hydrocarbon production shall be attributed to the Dakota formation in each well.

- (3) That during completion operations on Wells Nos. C-4 and C-5, the applicant shall conduct productivity tests and pressure tests on each of the zones to be commingled, and shall consult with the supervisor of the Division's Aztec office to determine an allocation formula for each of said wells.
- (4) That the operator of the subject wells shall immediately notify the Commission's Aztec district office any time the wells have been shut-in for 7 consecutive days and shall concurrently present, to the Commission, a plan for remedial action.
- (5) That the Division Director shall have the authority to rescind the commingling authority herein granted for Wells Nos. C-4 and C-5 in the event the productivity tests on said wells indicate that either or both of the commingled zones in said wells are of non-marginal character, or in the event that the pressure tests on said wells indicate a pressure differential between the zones to be commingled of such magnitude as may cause waste.
- (6) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD Member

OOE D. RAMEY, Member & Division

Director

SEAL

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 3536 Order No. R-3202

APPLICATION OF TENNECO OIL COMPANY FOR TWO UNORTHODOX GAS WELL LOCA-TIONS, SAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 8, 1967, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 14th day of March, 1967, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Tenneco Oil Company, seeks approval of unorthodox gas well locations in the Blanco-Mesaverde Gas Pool for its following-described wells:
  - Dawson Federal Well No. 1, located 835 feet from the North line and 1150 feet from the West line of Section 26, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico, and
  - Jicarilla "C" Well No. 8, located 1850 feet from the North line and 790 feet from the West line of Section 13, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.
- (3) That the subject wells were originally projected to the Dakota formation and were drilled at standard locations for the Basin-Dakota Gas Pool.

-2-CASE No. 3536 Order No. R-3202

- (4) That approval of the subject application should result in the recovery of otherwise unrecoverable gas as the applicant proposes to dually complete the subject wells in the Basin-Dakota Gas Pool and the Blanco-Mesaverde Gas Pool, and the geological conditions in the area will not justify single completion in the Blanco-Mesaverde Gas Pool.
- (5) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Blanco-Mesaverde Gas Pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

#### IT IS THEREFORE ORDERED:

(1) That the applicant, Tenneco Oil Company, is hereby authorized unorthodox gas well locations in the Blanco-Mesaverde Gas Pool for its following-described wells:

Dawson Federal Well No. 1, located 835 feet from the North line and 1150 feet from the West line of Section 26, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico, and

Jicarilla "C" Well No. 8, located 1850 feet from the North line and 790 feet from the West line of Section 13, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.

(2) That jurisdiction of this cause is 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

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

SEAL

A. L. PORTER, Jr., Member & Secretary

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

Submit to appropriate District Office

Form C-104A

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

#### **Change of Operator**

Prev	vious Operator Information:	New Operator Information:					
		Effective Date:	January 1, 2004				
OGRID:	000778	New Ogrid:	222374				
Name:	BP America Production Company	New Name:	CDX Rio, LLC				
	P.O. Bxo 3092	Address:	4801 N. Butler Ave. #2000				
Address:		Address:					
City, State, Zip:	Houston, TX 77253-3092	City, State, Zip:	Farmington, NM 87401				
Signature: Printed name:	Production Accounting Spec. Opera	nston Lions Mana	o the best of my knowledge and belief.				
Previous operate	or complete below:		NMOCD Approval				
	1						
Previous Operator:	BP America Production Company	Signature:	728				
		5	SUPERVISOR DISTRICT #3				
Previous OGRID:	000778	Printed Name:					
			: •••				
Signature:	Cherry Hlava	District:	* <del>-</del>				
	J '	,	FEB 1 7 2004				
Printed Name:	Cherry Hlava	Date:					
	¥						

District. 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 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**

1220 South St. Francis Dr.

Santa Fe, NM 87505

Oil Conservation Division

March 19, 2001 Submit 1 copy of the final affected

Form C-104B

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 Op	erator Name and Information	on:	New Opera	tor Name and Information:
Address:	Amoco Production Comp. P.O. Box 3092	any l	Address: _	BP America Production Company P.O. Box 3092
Address: City, State, Zip:	Houston, Texas 77253	City,	Address: _ State, Zip: _	Houston, Texas 77253
Signature:  Printed name:  Title:	t the rules of the Oil Conservation trached list of wells is true and of the Oil Conservation of the O	omplete to the bes		l with and that the information given on riedge and belief.
			NMO	CD Approval
		Signature:		275
		Printed Name: _	SUPI	ERVISOR DISTRICT #3
		District:		JAN 2 2 2002
		Date:		

Form 3160-5 (August 1999)

## **UNITED STATES**

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QMB NO. 1004-013	5
Expires: November 30.	วักก
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	PARTMENT OF THE I				F	OMB NO	). 1004-0135 /ember 30, 2000	`
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	s form for proposals to l. Use form 3160-3 (AP		ter an O		6. If Indian, A	llottee or	Tribe Name	
SUBMIT IN TRI	PLICATE - Other instru	Y	74	77 73	7. If Unit or C	A/Agree	ment, Name and	1/or No.
1. Type of Well  Oil Well  Gas Well Oth	ner	C CI	5T.3		8. Well Name JICARILI	and No. LA C8	}	
2. Name of Operator AMOCO PRODUCTION COM	Contact:	CHERRY HLAV	A a Bo com		9. API Well N 30-039-0			
3a. Address P.O. BOX 3092 HOUSTON, TX 77079		3b. Phone No. (ir Ph: 281.366.4 Fx: 281.366.0	081	)	10. Field and BLANCO	Pool, or I MESA	Exploratory VERDE	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	n)			11. County or	r Parish, a	and State	
Sec 13 T26N R0 W Mer SW	IW 1850FNL 790FWL				RIO ARF	RIBA CO	DUNTY, NM	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE N	ATURE OF N	NOTICE, RE	PORT, OR	OTHER	DATA	
TYPE OF SUBMISSION			TYPE O	FACTION				
☐ Notice of Intent	☐ Acidize	☐ Decpen		☐ Production	on (Start/Resi	ume)	☐ Water Sh	ut-Off
	☐ Alter Casing	☐ Fractur	e Treat	☐ Reclama	tion		☐ Well Inte	grity
Subsequent Report	☐ Casing Repair	☐ New Co	onstruction	☐ Recomp	letc		Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug an	d Abandon	☐ Tempora	rily Abandon	ı		
	☐ Convert to Injection	🔀 Plug Ba	ick	☐ Water D	isposal			
13. Describe Proposed or Completed Op If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for the second	ally or recomplete horizontally rk will be performed or provid to operations. If the operation re bandonment Notices shall be final inspection.)  Output  Output  Down Tog & Csg. NDWH, I sks at 7940'; Pull 14 stds	r, give subsurface loc e the Bond No. on fi esults in a multiple c iled only after all req NUBOP, SIFN. T a pmp 2 sks at 70	ations and meas c with BLM/BI/ ompletion or rec uirements, included BG press 300 53', Laid DN	ured and true ve A. Required sub completion in a r ding reclamation  O# CSG press 5 its & pull 25	rtical depths of sequent report new interval, a n, have been co	fall pertir is shall be Form 316 impleted, well DI FN. TII	nent markers and filed within 30 i0-4 shall be file and the operator  N TOH w/Tbg	d zones. days ed once r has
14. I hereby certify that the foregoing in Name (Printed/Typed) CHERRY	Electronic Submission For AMOCO PRO Committed to AFMSS fo	DDUCTION COMP or processing by A	ANY, sent to t ingle Medina	he Rio Puerce	9/2001 ()			
Signature			ate 08/29/20					
·	THIS SPACE F	OR FEDERAL	OR STATE	OFFICE US	SE		<u></u>	
_Approved_By			ands and	Mineral Res	ources	Date	9/28/	./
Conditions of approval, if any, are attached certify that the applicant holds legal or ed which would entitle the applicant to conditions.	uitable title to those rights in t		Office					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Form 3160-5 (August 1999)

DEPARTMENT OF THE INTERIOR								
BUREAU OF LAND MANAGEMENT								

SUND	RY	NO.	TICES	AND	REPO	RTS	ON	WELLS	
~~				71110			~11		

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

done a non-
FORM APPROVED
/OMB NO. 1004-0135
OMB NO. 1004-0135 Expires: November 30, 2000

5.	Lease Serial No.
	JIC CONT 108

6	If Indian.	Allottee or	Tribe	Name

	000 ioiiii 0100 0 (Ai i					
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rever	se side.		7. If Unit or CA/Agree	ment, Name and/or No.
I. Type of Well ☐ Oil Well ☑ Gas Well ☐ Oth	ner				8. Well Name and No. JICARILLA C 8	
Name of Operator     AMOCO PRODUCTION COM		CHERRY HLAY E-Mail: hlavac			9. API Well No. 30-039-08148	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	·	3b. Phone No. (i Ph: 281.366. Fx: 281.366.		·)	10. Field and Pool, or I BASIN DAKOTA	Exploratory /MESA VERDE
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	1)			11. County or Parish, a	nd State
Sec 13 T26N R5W Mer SWN	W 1850FNL 790FWL				RIO ARRIBA CO	DUNTY, NM
12. CHECK APPE	ROPRIATE BOX(ES) TO	INDICATE N	ATURE OF 1	NOTICE, RI	EPORT, OR OTHER	DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
Notice of Intent	☐ Acidize	☐ Deepe	n	☐ Product	tion (Start/Resume)	☐ Water Shut-Off
	☐ Fractu	re Treat	☐ Reclam	ation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	□ New C	Construction	□ Recomp	plete	Other
☐ Final Abandonment Notice	☐ Change Plans	🗖 Plug a	nd Abandon	☐ Tempor	rarily Abandon	
	🗖 Plug 🛭	lack	☐ Water I	Disposal		
following completion of the involved testing has been completed. Final Al determined that the site is ready for f Amoco Production Company a completion in the Blanco Mess	pandomment Notices shall be fil inal inspection.) respectfully request permi averde per the attached p	led only after all red ission to P&A th	quirements, inclu	ding reclamatic	on, have been completed, a	and the operator has
14. I hereby certify that the foregoing is	Electronic Submission For AMOCO PRO Committed to AFMSS for	PROCESSING by A	ANY, sent to t Angle Medina	the Rio Puero Jones on 07/	2U/2UU1 ()	
Name (Printed/Typed) CHERRY	HLAVA		Title AUTHO	RIZED REPR	ESENTATIVE	
Signature		1.1	Date 07/19/2	001		
	THIS SPACE FO	OR FEDERAL	OR STATE	OFFICE U	SE	
Approved By Patricia	M. Hester		Lands	and Miner	al Resources 7	15-01
Conditions of approval, if any, are attached certify that the applicant holds legal or eqwhich would entitle the applicant to cond	uitable title to those rights in th		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations a	a crime for any pers s to any matter wit	on knowingly ar hin its jurisdiction	nd willfully to n n.	nake to any department or	agency of the United

#### Jicarilla C #8 Unit E Sec 13 T26N-R5W Rio Arriba County, NM

#### Procedure:

- 1. MIRU SU. Record TP and CP. ND tree, NU BOP.
- 2. POOH with tbg.
- 3. Set CIBP at +/- 7950'. Spot balanced 11 sack cmt plug from 7800' 7950' to abandon the DK.
- 4. Spot balanced 11 sack cmt plug from 6900' 7050' to abandon the GP.
- 5. RIH rabbiting following production string:
  - a) 1 jt 2-3/8" open ended tbg with muleshoe on btm
  - b) F-nipple with blanking plug installed.
  - c) 2-3/8" tbg to surface
- 6. Land tbg at 5900'.
- 7. ND BOP. NU tree.
- 8. RU slickline. Retrieve blanking plug. Set FB stop.
- 9. Flow back well 2-3 hrs, swabbing if necessary. RDMO SU.

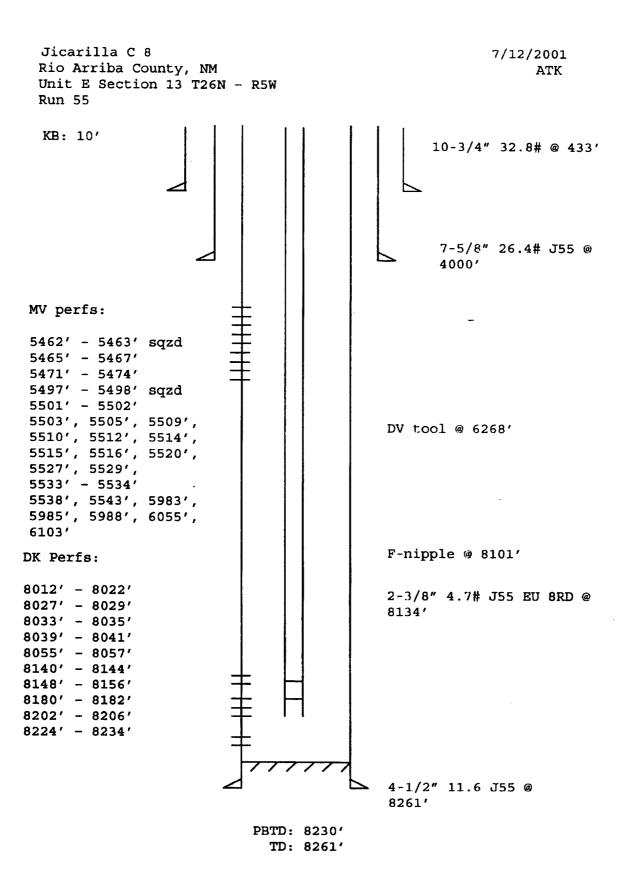
#### Allen Kutch

281-366-7955 office

281-366-7143 fax

888-788-6522 pager

979-865-0140 home



Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2089

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION

<u>.                                    </u>	7	TO TRAI	NSP(	ORT OIL	AND NA	TURAL G		- N-C-		
Operator AMOCO PRODUCTION COMPA	NY							PI No. 39081480	0	
Address P.O. BOX 800, DENVER,	COLORAD	0 8020	1							
Reason(s) for Filing (Check proper box)					Ou	iet (l'lease expl	ain)			
New Well		Change in								
Recompletion [ ]  Change in Operator [ ]	Oil Casinghead		Dry Ga Conden	-			,			
f change of operator give name	Cassingricad		CORDER						<del></del>	
und address of provious operator	AND LEA	SE								
Lease Name JICARILLA C					ng Formation	RATED GAS		Lease Federal or Fee	L	sase No.
Location E	ئــــــــــــــــــــــــــــــــــــ	850			FNL				<u> </u>	
Unit Letter	- :		Peet Fr			ne and	90P	et From The _	FWL	Lise
Section 13 Township	26N		Range	5W	N	мрм,	RIO	ARRIBA		County
III. DESIGNATION OF TRAN				D NATU		· · · · · · · · · · · · · · · · · · ·				
Name of Authorized Transporter of Oil		or Condens	1866			n address to w				- 1
MERIDIAN OIL INC.  Name of Authorized Transporter of Casing	head Gas		or Dry	Cas 🗀	Address (Gi	AST 30TH m address to m	STREET,	FARMING copy of this for	TON NM	87401
NORTHWEST PIPELINE COR					P.O. B	OX 8900	SALT LA	CR CITY.	<del>UT 84</del>	108-0899
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rga.	is gas actual	ly connected?	Whea	7.		
If this production is commingled with that I IV. COMPLETION DATA	rom any othe	er lease or p	ool, giv	n comming)	ing order aum	ber:				
		Oil Well	7	Jas Well	New Well	Workover	Doepea	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion		l. Ready to			Total Depth	<u> </u>	ــــــــــــــــــــــــــــــــــــــ			
Date Spudded	Date Comp	. Restly to	riou.		Tom Depus			P.B.T.D.		i
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	oducing For	mation		Top Oil/Gas Pay Tubing Depth					
l'erforations	L	<del></del> -			I		3 F	Ports Chian	S P	
		LIDING (	CACU	NC AND	CEMENT	NG RECOR	DE			<u> </u>
HOLE SIZE		ING & TU			CEMENTI	DEPTH SET	UU	0 0 108	CKS CEM	NT
							AU	12 3 193	U.	
							-OIL-(	CON. 1	<del>) \\  </del>	
	<del></del>							DIST. 3		
V. TEST DATA AND REQUES										
OIL WELL (Test must be after re Date First New Oil Rus To Task	Date of Test		f load e	oil and must	*	exceed top allethod (Flow, pr			r full 24 hou	rs.)
	Date Of 162	• 						<b>-</b>		
Length of Test	Tubing Pres	arrue .			Casing Press	ure		Choke Size		
Actual Prod. During Test	Oit - libls.				Water - Bbls	<del></del> _	<del></del>	Car MCF	<del></del>	
	L				L		···	l		
GAS WELL Actual Frud. Test - MCIVD	Leagth of T	-			INCL. A	ante/MMCF				
Vernal Land Test - Macials	Length Ot 1	est.			Boll. Conde	MINICH		Gravity of Co	adenssia	
Testing Method (pitot, back pr.)	Tubing Pres	iaim (Shut-i	<u>(a)</u>		Casing Press	nue (2prej-10)		Choke Size		
VI. OPERATOR CERTIFICA	ATE OF	COMPI	LIAN	ICE	\			L	<del></del>	
I hereby certify that the rules and regula	tions of the (	Dil Conserva	alion		]]	DIL CON	NSERVA	ATION D	DIVISIO	N
Division have been complied with and to it true and complete to the best of my k			above A					<b>AUG 2 3</b>	1990	
11/1/100	•	**			Date	Approve	a	700 4 U		
Signature Signature		<del></del>			By_		-3·	N B		
Signature Uoug W. Whaley, Staff Printed Name	Admin.	Super	Viso Tale	<u>r</u>			SUPER	RVISOR D	STRICT	13
July 5, 1990		303-8	30-4	280	Title					
Date		Telep	hone N	0.	1	سموان			معتدن والتالات	المرادات مرازان

- 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

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Rayland 1-1-89 See Instructions at Buttom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION

l	7	O TRA	<u>INSP</u>	ORT OIL	. AND NA	TURA	<u>L GA</u>					
Operator AMOCO PRODUCTION COMPA	NY								PI No. 3908148	00		
Address P.O. BOX 800, DENVER,	COLORAD	0 8020	)1									
Reason(s) for Filing (Check proper box)	····					et (Please	explai	R)				
New Well		Change is	•	_								
Recompletion L	Oil		Dry G	-								
Change is Operator	Casinghead	(iii []	Conde									
f change of operator give name and address of previous operator					<del></del>							
L DESCRIPTION OF WELL												
LJICARILLA C		Well No.	BLA	NCO MES	ing Pormetice SAVERDE	(PRORA	TED	GASSuse,	Lease oderal or Fe	. 4	ease No.	
Location E Unit Letter	. 1	850	David 10	rom The	FNL	ne and	790		st From The	FWL	Line	
13	26N			5W								
Section Township			Range		N	MPM,		KIU	ARRIBA		County	
III. DESIGNATION OF TRAN	SPORTE	OF O	IL AN	D NATU	RAL GAS						•	
Name of Authorized Transporter of Oil		or Conde			Address (Gi					orm is to be se		
MERIDIAN OIL INC.  Name of Authorized Transporter of Casing	head Co-	<del></del>	0- N-	Gu [	3535 R	AST 30	TH S	TREET,	FARMING	TON NM	87401	
NORTHWEST PIPELINE COR		<u></u>	or Dry	- L						orm is is be se	w) 108-0899_	
If well produces oil or liquids,		Sec.	Twp	Rge.				Whea		, III X4	тименкад.	
eive lucation of tanks.	<u>i          i</u>		<u> </u>	1				_i	· 			
f this production is commingled with that a	rom any othe	r lease or	pool, gi	ve comming	ling order nun	ber:						
IV. COMPLETION DATA		10:10:1			(	) <del></del>	<del></del> -	<u></u> -				
Designate Type of Completion	- (X)	Où Well	1 1	Cas Well	New Well	Worker	rer j	Deepen	Plug Back	Same Res'v	Diff Res'v	
Date Spudded	Date Compl	. Ready to	Prod		Total Depth	٠			P.B.T.D.	L	<del></del>	
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	oducing Fo	omatica		Top Oil/Gas Pay Tubing Depth					ds.		
Perforations					<del></del>			G E	Depth Casin	V F In	<u> </u>	
	TI	JBING,	CASI	NG AND	CEMENT	NG REC	CORE	(D) E	<del>⊌ E 1</del>	-		
HOLE SIZE	CAS	ING & TL	JBING !	SIZE		DEPTH	SET			SACKS CEM	NT	
	<b> </b>							A	G2 3 R	ACKS CEM		
	<del> </del>							2511	CON	DIV.		
	<del> </del>				<del> </del>				DIST.	2		
V. TEST DATA AND REQUES	T FOR A	LLÖW	ABLE		L				LUISIL	<u> </u>		
OIL WELL (Test must be after re				-						for full 24 how	18.)	
Date First New Oil Run To Tank	Date of Test	3			Producing M	ethod (Fla	nu, pun	ys, gas lift, ei	(L)			
Length of Test	Tubing Pres	nue.			Casing Press	ure.			Choke Size			
Actual Prod. During Test	Oil - Ubis.				Water - Dola				Gas- MCF			
-												
GAS WELL												
Actual Frod. Test - MCF/D	League of T	est			Bbis. Conde	MAN VALER	CF	<del></del>	Gravity of C	ondensale		
	MARKET N.				0				A			
Testing Method (pitot, back pr.)	Tubing Pres		·ø)		Casing Press	nis (29/11-1	IIL)		Choke Size		•	
VI. OPERATOR CERTIFICA	ATE OF	COMP	LIAN	ICE								
I hereby certify that the rules and regula	tions of the C	Dil Conser	vation		11 (	JIL C	ON	SERVA	MOIL	DIVISIO	N N	
Division have been complied with and to is true and complete to the best of my k			en abow	•	<b>!</b>				8110 -	. 4000		
as note and complete to the best of my t	waterife sur	ocud.			Date	Appro	pevo	<b></b>	AUG 2	3 1990		
LIP. Uhler					11 _	-				1 -	ı	
Signature Doug W. Whaley, Staff	A dur 4	```			By_				€ بد			
Printed Name	Admin.	Super	CV180 Tille	<u>r</u>	Tata			SUPER	IVISOR I	HSTRICT	42	
July 5, 1990		303-8	330=4	280	Title							
Date		Tele	phone f	<b>i</b> o.	11							

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.
- All sections of this form must be filled out for allowable on new and recompleted wells.
   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, Hubbs, NM 88240 DISTRICT II P.O. Drawer DD, Antesia, NM 88210

#### State of New Mexico Energy, Minerals and Natural Resources Department

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

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410	REQ				BLE AND .					
Operator Amoco Production Comp	any						- 1	API No. 1908148		
Address 1670 Broadway, P. O.		n Dony		^alara	do 90201		13003	900146		
Reason(s) for Filing (Check proper box)	DOX OU	o, Denv	er, t	COTOLS		es (Please expla	sin)			
New Well Recompletion Change in Operator	Oil Casinghe	Change in	Dry G	ı. 🗆						
la principal de la compania de la c					Willow,	Englewoo	d, Colo	rado 80	0155	
II. DESCRIPTION OF WELL										
Lease Name JICARILLA C		Well No.	1	laine, lactu N (DAK	ding Formation		FEDE	RAI.	9000	ease No.
Location		.L	1						<del></del> -	
Unit LetterE	_ :	850	. Feet Fr	rom The F	NL Lin	e and 790	P	cet From The	FWL	Line
Section 13 Townshi	26N		Range	5W	, N	MPM,	RIO A	RRIBA		County
III. DESIGNATION OF TRAN	SPORT	ER OF O	IL AN	D NAT						
Name of Authorized Transporter of Oil		or Conden	tale		Address (Giv	e address to wi	tich approved	copy of this j	form is to be s	ent)
Name of Authorized Transporter of Casin			or Dry	Gas X	Address (Giv	e address to w	ich approved	copy of this	form is to be s	trui)
NORTHWEST PIPELINE COR If well produces oil or liquids,	PURATTO Unit	Soc.	Twp.	Rg	E. la gas actuali	X 8900, y connected?	SALT LA		, UT 84	108-0899
give location of tanks.	.j	j	i	<u>i</u>	<u> </u>	- 	i			
If this production is commingled with that IV. COMPLETION DATA	from any of	ther lease or	pool, giv	ve commin	gling order num	ber:		<del> </del>		
Designate Type of Completion	- (X)	Oil Well		Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Con	npl. Ready to	Prod		Total Depth	•		P.B.T.D.		
Elevations (I)F, RKB, RT, GR, etc.)	Name of	Producing Fo	ormation		Top Oil/Ges	Pay		Tubing Dep	th	
Perforations	- <b>-</b>				1		7	Depth Casi	ng Shoe	
					СЕМЕНТІ	NG RECOR	D			
HOLE SIZE	- c/	ASING & TI	JBING S	SIZE		DEPTH SET		<del> </del>	SACKS CEM	ENT
	.				_					
	<b></b>				-					
V. TEST DATA AND REQUE										
OIL W.F.L.L (Test must be after ) Date First New Oil Run To Tank	Date of T		of load	oil and mu		exceed top allo ethod (Flow, pu			for full 24 hou	75.)
Length of Test					Casing Press			Choke Size		
cengur or rest	Tubing Pr				Casing riess			CIRAL SIZE		
Actual Prod. During Test	Oil - Bbls				Water - Bbls.			Gas- MCF		
GAS WELL	_1							<b></b>		
Actual Prod. Test - MCF/D	Length of	l'est			Bbls. Conden	sate/MMCF		Gravity of	Condensate	
lesting Method (pitot, back pr.)	Tubing Pi	ressure (Shut	·in)		Casing Presu	ure (Shut-in)		Choke Size		
VI. OPERATOR CERTIFIC	ATE O	F COMP	LIAN	ICE				ATION:	D. !! C ! C	
I hereby certify that the rules and regul Division have been complied with and					11 '	OIL CON	ISEHV.	AHON	DIVISIO	N
is true and complete to the best of my					Date	Approve	d	MAY 08	losa	
4. L. Ham	ptos	v				••	3.	) d	2	
J. L. Hampton Si	•	£ Admir	ı. Su	prv	By_				ISTRICT	#3
Printed Name Janaury 16, 1989		303-8	Tale 330-5	025	Title			<u> </u>		
Date		Tele	phone N	lu.	1)					

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
DISTRICT1
P.O. Box 1980, Hobbs, NM 88240

#### State of New Mexico Energy, Minerals and Natural Resources Department

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

#### OIL CONSERVATION DIVISION

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., Aziec, NM 87410

REQUEST FOR ALLOWARI F AND AUTHORIZATION

ī.		TO TRA	ANSP	ORT OIL	AND NATU	RAL GA				
Operator Department of Communications					_ ,		Well A			
Amoco Production Comp	any 			<del></del>			[3003]	908148		
1670 Broadway, P. O.	Box 800	, Denv	er, C	Colorado	80201					
Reason(s) for Filing (Check proper box)					Other (/	lease expla	in)			
New Well		Change in								
Recompletion [ ]	Oil	nd Gas	Dry Ga							
l'atana d'amanta aius anna										
and address of previous operator	neco U1	IEE	P, 61	62 S. V	Villow, En	glewood	1, Color	ado 80	155	<del></del>
II. DESCRIPTION OF WELL	AND LE									···
Lease Name		Well No.		•	ng Formation					ase No.
JICARILLA C Location		<u> 0</u>	PASI	(DAKO	IA)		FEDE	KAL	9000	108
Unit LetterE	_ :18	50	_ Feet Fr	on the FN	L Line an	790	Fe	t From The .	FWL	Line
Section 13 Townsh	<sub>ip</sub> 26N		Range	SW	, NMPI	4	RIO A	RRIBA		County
III. DESIGNATION OF TRAI	NSPORTE			D NATUI		<del> </del>				
Name of Anthorized Transporter of Oil		or Conde	nsale		Address (Give ac		**			nt)
CONOCO  Name of Authorized Transporter of Casir	olvend Car	<del></del>	or Dev	Gas [X]	Address (Give ac					nti
NORTHWEST PIPELINE COR		) K	~ Diy	<b>⊶</b> (∆.)	P. O. BOX					 108-0899
lf well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	is gas actually co		When			
If this production is commingled with that	from any of	ner lease or	pool, giv	re commingli	ing order number:					
IV. COMPLETION DATA					<del></del>	<del></del> -			<u> </u>	1
Designate Type of Completion	- (X)	Oil Well	, i ,	Gas Well	New Well   W	orkover	Deepen	Plug Itack	Same Res'v	Diff Res'v
Date Spudded		pl. Ready to	o Prod.		l'otal Depth			P.B.T.D.	1	·
Elevations (DF, RKB, RF, GR, etc.)	Name of I	roducing F	ormation		Top Oil/Gas Pay		· · · · · · · · · · · · · · · · · · ·	Tubing Dep	th	
Perforations	<u></u>							Depth Casin	g Shoe	
		TUBING,	CASII	NG AND	CEMENTING	RECOR	<u> </u>	·		
HOLE SIZE	CA	SING & T	UBING S	SIZE	DE	PTH SET			SACKS CEME	NT
		<del></del>								
V. TEST DATA AND REQUE OIL WELL (Test must be after				oil and must	he equal to as exc	eed too allo	wable for this	denth or be	for full 24 hour	·z.)
Date First New Oil Run To Tank	Date of Te				Producing Metho				,	<del></del>
Length of Test	Tubing Pro	essure			Casing Pressure			Choke Size		
Actual Prod. During Test	Oil - Bbls.				Water - Bbis.			Gas- MCF		
GAS WELL										
Actual Prod. Test - MCI/D	Length of	Test			Bbls. Condensate	MMCF		Gravity of C	ondensate	
Jesting Method (pitot, back pr.)	Tubing Pr	essure (Shu	t·in)		Casing Pressure	Shut-in)		Choke Size	<del>distractor</del>	· · · · · · · · · · · · · · · · · · ·
VI. OPERATOR CERTIFIC I hereby certify that the rules and regu Division have been complied with and is true and complete to the best of my	lations of the I that the info	Oil Conser	rvation			L CON	. 1	ATION IAY 08	DIVISIC 1989	N
J. L. Harr	Stor	~				, ,	7	d		
Signiture J. L. Hampton S. Printed Name	r. Staf	£.Admi	n. Su	prv	Ву				STRICT #	3
Janaury 16, 1989			830-5 ephone N		Title		<del> </del>			

- INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

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- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
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### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

NO. 07 CO	PIES RECE	MED	
DIST	HOITION		
SANTA PE			
PILE			
U.3.9.8.			
LAHO OFF	t		
		OIL	
TRANSPORT	EM	GAS	
OPERATOR			
PRORATION	OFFICE		

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

Form C-104 Revised 10-01-78 Format 06-01-83 DEC 02 1987

RECHEST FOR ALLOWARIE

OPERATOR APPLICE AUTHORIZATION TO TRANSP	
Tenneco Oil Company	
P.O. Box 3249, Englewood, CO 80155	
Reason(s) for filling (Check proper box)	Other (Please explain)
New Viell Change in Transporter of:    Shourtpletion	Change of condensate transporter from Gary Energy to Conoco effective 12/1/87
Change in Ownership Casinghead Gas Condensate	21.7 2 35 30 30 2 127.1787
If change of ownership give name and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE	* Jicarilla Cont. 108
Jicarilla C 8 Basin Dakota	State, Federal or Fee
Unit Letter E: 1850 Feet From The Nort	th Line and 790 Feet From The West
Line of Section 13 Township 26N	Range 5W , NMPM, Rio Arriba county
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS	
Name of Airthorized Transporter of OII : or Condensate (X	Address (Give address to which approved copy of this form is to be sent)
CON©CO  Neme of Airthorized Transporter of Casinghead Gas □ or Dry Gas ¥	P.O. Box 460, Hobbs, NM 88240 Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Corporation	P.O. Box 90, Farmington, NM 87401 le gas actually connected?
If well produces oil or liquids, give location of tanks.  Unit Sec. Twp. Rge.  E 13 26N 5W	Yes 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	OIL CONSERVATION DIVISION: 0 2 1987
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 boilef.	APPROVED
	BY
Mitt	TITLESUPERVISOR DISTRICT 潮 5V
Sr. Administrative Analyst	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 fabulation of the deviation tests taken on the well in accordance with RULE 111.
(Title)	All sections of this form must be filled out completely for allowable on new and recompleted walls.
11/20/87 (Date)	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.

٠,	•			
	•	. /		
	00. 07 200100 0ESEIV.0	/		
	DISTRIBUTION	NEW MEXICO OIL C	ONSERVATION COMMISSION	Pirm C-104
	SANTA FE	REQUEST	FOR ALLOWABLE	Supersedes Old C-100 and C-11
	FILE		AND	Effective 1-1-65
	U.S.G.S.	AUTHORIZATION TO TRA	INSPORT OIL AND NATURAL G	ias .
	LAND OFFICE			••
	TRANSPORTER GAS	1		
	OPERATOR	{		
	PROPATION OFFICE	ł		
	Operator	L		
	Tenneco Oil Compa	anv		
	Address	·····	<del></del>	
	P.O. Box 3249 Er	nglewood, CO 80155		
	Reason(s) for filing (Check proper box)		Other (Please explain)	
	New Well	Change in Transporter of:	_1	
	Recompletion	Oil Dry Ga	• □	
	Change in Ownership	Casinghead Gas Conden	serie X	
	If change of ownership give name			
	and address of previous owner			
ı.	DESCRIPTION OF WELL AND	Well No.: Pool Name, Including F	ormation   Kind of Lease	
	Jicarilla C		Blanco Mesaverdene, Federal	Jicarilla
	Location	o pasin bakota a	DIGICO MESAVELOPIANI, FEBRUA	Indian Cont 108
	1	-a Nowth	700	
	Unit Letter E :18!	O Feet From The North Lin	e and Feet From 1	n. West
	Line of Section 13 Tow	mahip 26N Range 5	W , MMPM, Rin	Annath .
	Line of decitors and 100	manay Coll Hunde 3	н , мырм, к10	Arriha County
o.	DESIGNATION OF TRANSPORT	FER OF OIT, AND NATURAL GA		
	None of Authorized Transporter of Oil		Address (Give address to which approv	ed copy of this form is to be sent)
	Gary Energy Corporation	n	4 Inverness Ct.East En	glewood, CO 80112-5591
	Name of Authorized Transporter of Cas	inghead Gas 🔲 er Dry Gas 🕎	Address (Give address to which approv	
	Northwest Pipeline		P O Roy On Farmir	naton. N. M. 87001
	If well produces all ar liquids,	Unit Sec. Twp. Rge.	P. O. Box 90 Farming Is as actually connected? Whe	m
	give location of tanks.	! E ! 13   26N : 5W	11.25	
	If this production is commingled wit	h that from any other lease or pool,	give commingling order number:	R-5707
V.	COMPLETION DATA			
	Designate Type of Completion	m - (X)	New Well Workover Deepen	Plug Back   Same Res'v. Dill. Res'v.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Date spueded	Date Compt. Nearly to Frod.	1 Joseph Company	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
		Trans of Figures 4 amoston	1.00 027,022 7.07	l and copin
	Perforations	<u> </u>	<del></del>	Depth Casing Shoe
	1			
		TURING CASING AND	CEMENTING RECORD	<del></del>
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
				I
				I
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be as	ter recovery of total volume of load oil s	and must be equal to or exceed top allow-
	Oll. WELL	able for this de	pth or be for full 24 hours)	
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas life	
1	<u> </u>			U 6.5 (15. alg.)
i	Length of Test	Tubing Pressure	Cusing Pressure	Choke Bise
		Otl-Bblo.	Water-Bble.	Gos-MCF
	Actual Pred. During Teet	CII- SMG.	Water-Bale. LE OCT 11	1704
	L	<del></del>	<u> </u>	<u> </u>
	0.44 9974		OIL CON	ત્ર. હિંધિત
,	GAS WELL Actual Prod. Test-MCF/D	Longth of Test	Bhis, Condensate/AGCF	Gravity of Condensate
	, we can come took more			,
1	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Cooing Pressure (Shet-La)	Choke Site
i				1
•	CERTIFICATE OF COMPLIANC	· •	OH CONSERVA	TION COMMISSION
٤.	CERTIFICATE OF CURPLIANC	• <b>**</b> *	DIE CONSERVA	V 01,1984
	I hereby certify that the rules and r	emistions of the Oil Conservation	APPROVED NU	19 0 1307

Commission have been compiled with and that the information given above is true and complete to the best of my knowledge and belief.

Le Viaman

Administrative Supervisor (Title)

10/10/84

(Date)

SUPERVISOR DISTRICT # 3 TITLE .

This form is to be filed in compliance with RULE 1164.

If this is a request for silowable for a newly drilled or despended 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 end renompleted 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

		•	the state of the s	•			
giprim 9-238 - 51.5 - 10000	DEPARTN	INITED STATE MENT OF THE EOLOGICAL SUI	INTERIOR	SUBMIT IN THEF (Other instruction, year side)	1111 1-	Point approve Ended Ende	108/ 108/
		CES AND REP			•	C. W INDIAN, ALLOTTE	OR TEINE NAME
I. GAR WELL	X OTHER		·			7. UNIT AGREEMENT NA	ME
2 NAME OF OPERATOR						B. PAUN OR LEASE NAM	IE
Tenneco Oil			· .			JICARILLA C	·
720 So. Cold		Denver, Colo	rado 8022	2	}.	9. WELL NO.	
4. Logation of Well See also space 17 le At surface	(Report location c	early and in necordant	with any Since	requirements.		BLANCO MESAVER BASIN DAKOTA	DE" II TOCAT
<del>-17</del> (	FNL a	nd <u>1450</u> 'FWL,	Unit _		1	11. SEC., T., R., M., OR I SURVEY OR AMEA	OLK. AND
185	<i>o</i> 	790	. E			SEC 48, T26N,	R5W
14. PERMIT NO.		15. ELEVATIONS (Short	whether pf. kt.	ck etc.) 2 al		RIO ARRIBA	13. STATE
36.	Check A	opropriate Box To I	ndicate Natur	re of Notice. Rep	ort. or Ot	her Data	
	NOTICE OF INTER		. 1		•	NT REPORT OF:	÷
TEST WATER SHUT	-OFF	PELL OR ALTER CASING		WATER SHUT-OFF		REPAIRING 1	TELL
FRACTURE TREAT	1	MULTIPLE CONPLETE		FRACTURE TREATM	ENT	ALTERING C	421XC
KIIOOT OR ACIDIZE	11	ABANDON®		SHOOTING OR ACIDS	MMINGLE	AHANDONME	NT*
EFFAIR WELL (Other)		CHANGE PLANS		INUTE: Repo	rt results o	multiple completion	03 Well
	OR COMPLETED OF	ERATIONS (Clearly state onally drilled, give sub	all pertinent des	ails, and give pertin	ent dates. i	don Report and Log for actualing extinuited dat	ro.)
proposed work nent to this work	.) •	ourn attent five run	surrace locations	and measured and th	rne vernçai	depths for all marker	and zones pert
			-				•
5-23-78		. •					
RU WIRELINE U JARRED SLEEVE RD. BLEW TBG	FREE. FOUL	O RETRIEVE SEPA ND SOME SCALE D		EVE. FOUND S JARRED SLIDIN			
		BEFORE WORK: AFTER WORK:	440 MCFD 651 MCFD				
	. :	m ren nome .			•	• •	
	•	••		·			
	•		•			• .	
						•	
•				•		Bereker .	
•							
	•				٠	$=\int_{\mathbb{R}^{n}}  x ^{2} dx$	
-							
(AS PER NMOCC	ORDER # 57	07)			•		
18. I herely certly		is true and correct .				and the same of th	esing the same of
SIGNED	My 1	Mall to	rırın. Admin	istrative Sup	ervisor	DATE 6/	9/28
(This space for Y	ederal or State of	úce ese)	. — <u>— — — — — — — — — — — — — — — — — —</u>			LOCIV	

\*See Instructions on Reverse Side

APPROVED BY \_\_\_\_\_\_\_ CONDITIONS OF APPROVAL, IF ANY:

U. S. GODECO DAL SURVEY L'OMOLO, COLO.

JUN 1 5 1978

up, of coring kect	17.0	6	_ 1	
DISTRIBUTIO	)N			
SANTA FE				
FILE	1			
U.S.G.S.		<u> </u>	L	
LAND OFFICE				ļ
[RANSPORTER	OIL	1		Ì
IRANSFORTER	GAS	ΙŻ		

	DISTRIBUTION  SANTA FE  FILE  U.S.G.S.  LAND OFFICE  [RANSPORTER OIL /		AUTHO		WEST F	OR ALI AND	OWABLE	ISSION HATURAL GA	Form C-104 Superaedes Old Effective 1-1-65	C-104 and C-116
ī.	OPERATOR Z PRORATION OFFICE Operator Tenneco Oil Compa	INV		·				<del></del>		
	Address									
	720 So. Colorado Reason(s) for filing (Check proper New Well	box)		Transporter of:		222	1	BASIN DAKO		
	Recompletion Change in Ownership		Casinghe	ad Gas	Condens	=	,	BLANCO MESA COMMINGLIN	AVERDE G ORDER R-5707	
	If change of ownership give nat and address of previous owner									
Π.	DESCRIPTION OF WELL A	ND LEA	SE Well No.	Par Mone, Ing	Jud <b>igit</b>	hation	<i>f</i>	Kind of Lease	RILLA CONT. 108	Lease No.
	JICARILLA C		8	BASIN			<del>7</del> 	,	or Foo FEDERAL	*
	Location Unit Letter : : :	1780	_Feet Fro	om The N	Line	and	790 1 <del>450</del>	Feet From Ti	W	
	Line of Section 1813	Township	, 7	26N n	ange	5W	, NMPM	, RIO	ARRIBA	County
ın.	DESIGNATION OF TRANSI	PORTER	OF OIL	AND NATU	RAL GAS	5				
	Name of Authorized Transporter of PLATEAU INC.	et OII [	or C	Condensate 🛣					ed copy of this form is to FARMINGTON, NM	
	Name of Authorized Transporter	of Casingh	ead Gas	or Dry Gas	· 35	Address	(Give address	to which approve	ed copy of this form is to	be sentj
	NORTHWEST PIPE	LINE IN		Twp.	Pge.		BOX 1526		E CITY, UTAH 84	110
	If well produces oil or liquids, give location of tanks.			i				i		
IV	If this production is commingle. COMPLETION DATA	ed with th				give com	mingling orde	ı number: N	0. 5707	·
	Designate Type of Com	pletion -	(X)	Oil Well Go	ss Well	New Wel	Workover	Deepen	Plug Back   Same Res	Diff. Res'v.
	Date Spudded	Dat	e Compl.	Ready to Prod.		Total De	epth		P.B.T.D.	
	Elevations (DF, RKB, RT, GR,	etc., Na	me of Proc	ducing Formation		Top Oil	/Gas Pay	···	Tubing Depth	
	Perforations	L				<u> </u>			Depth Casing Shoe	
				TUBING, CAS	INC AND	CENEN	TING BECOM		<u> </u>	
	HOLE SIZE			G & TUBING		CEMEN	DEPTHS		SACKS CEME	NT
						-				
v	. TEST DATA AND REQUE	ST FOR	ALLOW	ABLE (Test	must be a	ler recov	ery of socal vol	ume of load oil a	nd must be equal to or ex	ceed top allow-
	OII. WELL Date First New Oil Run To Tan		te of Test	abie	for this de		for full 24 hour ng Method (Flo	vs) w, pump, gas lift	, etc.)	<del></del>
	Length of Test	Tu	bing Pres	8 W 0		Casing	Pressure	·	Choke Size	<del></del>
	Actual Prod. During Test	- 01	l-Bbis.			Water - S	Bbls.		Gos - MCF	
	Xetual Ploa: Balling 11-1					<u> </u>				
	GAS WELL									
	Actual Profiton - 1620 16	1	ngth of T			Bbls. C	ondensets/MM0	CF.	Gravity of Condensate	
	521 (80%) A	Deb. To	24 bing Pres	HRS.	}	Casing	Pressure (Shu	t-in)	Choke Siza	<del></del>
	BACK. PR.		260			╁	600		No.	<del></del>
V	I. CERTIFICATE OF COMP	LIANCE					OIL	UN I	TION COMMISSION	}
	I hereby certify that the rule Commission have been comp	nlied with	and the	t the informati	on given	1	Original:	Signed ha	a. R. Kendrick	9
	above is true and complete	to the be	est of my	/ knowledge an	d belief.	BY_	SUI	ERVISOR DI		
		~~	4	_ •		TITL		ha ha filad 1:	ampliance suit and	
	Carlly	Va	120	<del>~</del>		1 1	If this is a re	quest for allow	ompliance with AULE able for a nawly drille	d or deepened
	Administrative !	(Signatur Supervi				toute	taken on the	well in accor	nied by a tabulation of dance with RULE 111.	
	1/10/	(Title)				eble	on new and t	ecompleted we		-
	61712	(Date)				well	name or numb	er, or transport	III, and VI for changer, or other such change to be filed for each po-	of condition

e Marting and the second

DEPARTMENT OF THE INTERIOR (Other instructions on GEOLOGICAL SURVEY)  WORY NOTICES AND REPORTS ON WELLS form for proposals to drill or to despen or plus back to a different reservoir.  We "APPLICATION FOR PERMIT—" for such proposals.)	
NDRY NOTICES AND REPORTS ON WELLS form for proposals to drill or to despen or pluz back to a different reservoir.  "We "APPLICATION FOR PERMIT—" for such proposals.)	Jicarilla Cont.
is form for proposals to drill or to despen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT" for such proposals.)	Jicarilla Cont.
XXX DINER	7. UNIT AGREDMENT NAME
WAX OTHER	i i
	8. PAUM OR LEASE NAME
Company	Jicarilla C
on Company	9. WELL NO.
and the company of th	8
(Report location clearly and in accordance with any State requirements.*	Blanco Mesaverde Basin Dakota
FNL and 790 'FWL, Unit E	11. SEC., T., R., M., OR BLK, AND SURVEY OR AMEA
1 15 Figures (Characteristics)	Sec 18, T26N, R5W
_ , , , , , , , , , , , , , , , , , , ,	12. COUNTY OR PARISH 13. STATE
	Rio Arriba   NM
Check Appropriate Box To Indicate Nature of Notice, Report,	or Other Data
NOTICE OF INTENTION TO:	RSEQUENT REPORT OF:
-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
MULTIPLE COMPLETE FRACTURE TOUATMENT	ALTERING CASING
ABANDON SHOUTING ON ACIDIZING	AHANDONMENT*
Comming of V (Note: Report re	sults of multiple completion on Well
or court from Operations (Clearly state all pertinent details, and give portional details)	completion Report and Log form.)
If well is directionally drined, give subsurface locations and incastived and true v	ertical depths for all markers and zones perti-
JRE:	
g up wireline tools and open sliding sleeve in 2-3/8	3 tbg. Pkr @ 7925'.
ab well in.	
turn well to production with both zones producing up	tbg.
	Comming of a country and in accordance with any State requirements.  Its elevations (Show whether DF, RT, GR, etc.)  7202 GR  Check Appropriate Box To Indicate Nature of Notice, Report,  Notice of intention to:  Survey of the complete of

OIL CON COM.

DIST. 3

Administrative TITLE (This space for l'ederal or State office use) DATE \_

Oldas

Yurm 9-331

#### SURMIT IN TRIPLICATE. Form approved. UNITED STATES

 $\gamma_{i} = \{\beta_{i,j+1,j+1}, \beta_{i,k}^{(i)}\}$ 

(May 1963)		ENT OF THE INTER	IOR (Other Instructions on	5. LEASE DESIGNATION AND SERIAL NO.
		EOLOGICAL SURVEY		Jicarilla Cont. 198
	JNDRY NOTIC	CES AND REPORTS ( ls to drill or to deepen or plug   rion for PERMIT—" for such p		Jicarilla, Dulce, N.M.
1. OIL [7] GAS	CVI			7. UNIT AGREEMENT NAME
WELL WEI	LL (A) OTHER	<del></del>		8. FARM OR LEASE NAME
	_			Jicarilla "C"
Tenneco Oil 3. Address of Open	Lompany			9. WELL NO.
		1200, Denver, Colora		8 2 2 2 3 3 3 3
See also space 17		early and in accordance with any	State regulrements.*	10. FIELD AND POOL, OR WILDCAT Dual
At surface	1850' F	FNL and 790' FWL		Basin Dakota/Blanco Mesa 11. HEC. T. R. M. ON BLK. AND Verde
		Unit		Sec. 13, T26N, R5W
14. PERMIT NO.		15. ELEVATIONS (Show whether DI	P, RT, CR, etc.)	12. COUNTY OR PARISH 13. STATE
		7202' GR		Rio Arriba "  New Mexico
16.	Check Ap	propriate Box To Indicate N	Nature of Notice, Report, or	r Other Data
	NOTICE OF INTENT	NON TO:	auas	EQUENT REPORT OF:
TEST WATER SH	UT-08F PI	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	7t	ULTIPLE CONFLETE	FRACTURE TREATMENT .	ALTERING CASING
SHOOT OR ACIDIZ		BANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL		gle for test X	(Other)	ilts of multiple completion on Well
(Other)		<u> </u>		mpletion Report and Log form.)
proposed work nent to this wo	. If well is direction rk.) *	ally drilled, give subsurface loca	tions and measured and true ver	ies, including estimated date of starting any tical depths for all markers and zones perti-
			c 33	
We propose t	co unioad and	test the Mesa Verde	e zone as follows:	의 교회관회 - 상부 및
1. MIRU Wir	eline unit.			
		n 2-3/8" tbg. below	sliding sleeve.	
			rde up tubing for 2	weeks.
			% Mesa Verde produc	tion up
•	bg. for 2 we			
	liding sleeve	and produce zones s	seperately, as befor	e. :
6. Clean up	Tocation.			
		•	THE STATE OF THE S	- 중국진정의 - 중국교 공통(B
			/ CHWHD \	
				1. 金融基础 建铁管
			5 1971	医克罗氏管 化电离类装置 化二十二
			JUL 5 1977 JUL 5 1977 OIL CON. COM.	
			OIL CON. 3	
			OIL CON. 3	·····································
18. I hereby certify	that the foregoing is	true and correct		
SIGNED	Z la	)	v. General Manager	DATE 10-23-77
(This space for	Federal or State office			
APPROVED BY	116911	wall k		
	F APPROVAL, IF AN	NY:		DATE

\*See Instructions on Reverse Side

# 40. OF COMIES RECEIVED H

	DISTRIBUTION SANTA FE	<del>                                     </del>	<i>P</i> .	NEW MEXICO OIL			SSION	Form C		
	FILE	, a	<b>7</b>	REQUEST	FOR ALL	OWABLE			edes Old C VO 1-1-65	-104 and C-110
	U.S.G.S.	۲Ť	ALIT	THORIZATION TO TR	AND	011 440 4	47:15.44			
	LAND OFFICE		701	INORIZATION TO TR	ANSFUR	OIL AND N	AIUKAL	JAS		
	TRANSPORTER OIL		]							
	<del></del>	Ц_	4							
	PROPATION OFFICE	4-	4							
I.	Obelator Charles		<u> </u>							
	Tenneco Oil Cor	npan	У	_						
	Address									
	Suite 1200 Line Reason(s) for Filing (Check prop	oln	Tower 1	Bldg., Denver, C	olorado,	80203				
	New Well	er out		e in Transporter of:	1	Other (Please	explain)			İ
	Recompletion		0:1	Dry G	ias X	Effect	ive Janu	ary 1, 197	la.	
	Change in Ownership.		Casino	ghead Gas 🔲 Cond	ensale 📑			3 - , - , 1	•	1
	If change of ownership give no									
	and address of previous owner		<del></del>							····
71	DESCRIPTION OF WELL	AND	FACE					Jicarilla	Cont.	301
.,	Legae Name	MU		No. Pool Name, Including	Formation		Kind of Leas		· conc.	Lease No.
	Jicarilla "C"		8	Basin Dako	ta		State, Federa	or Fee India	ın	
	Location	_								
	Unit Letter E ;_	18	O Feet	From The North L	ine and	790	_ Feet From '	rhe West		
	Line of Section 13	Tov	mship 2	26N Range	5W	, NMPM,	1	lio Arriba		County
	<u> </u>				<del></del>			LU HILLUG		
111.	DESIGNATION OF TRANS			IL AND NATURAL G		Sec 14				
	Name of Authorized Transporter	61 O11	•	or Condensate []	A2dress (C	ive agaress to	water appro	ved copy of this f	orm is to b	e sent)
	Name of Authorized Transporter	ol Cas	Inghead Gas	or Dry Gas X	Address (6	ive address to	which approx	ved copy of this f	orm is to b	e seni)
	Northwest Pipel	ine	Cornora	tion	1			ington. Ne		
	If well produces oil or liquids,			Sec. Twp. Pge.	ls gas acti	ually connected	17 , Who	en .	T. Ment	0.01401
	give location of tanks.		E	13 ; 26 ; 5	<u> </u>					
	If this production is commingle	ed wit	h that from	any other lease or pool	, give commi	ingling order	unwpet:			•
IV.	COMPLETION DATA			Oil Well Gas Well	New Well	Workover	Т Деерел	Plug Back So	me Resty.	Diff. Resiv.
	Designate Type of Com	pletio	n – (X)		į	!	!		1	
	Date Spudded		Date Comp	i. Ready to Prod.	Total Dept	h		P.B.T.D.		
	Elevations (DF, RKB, RT, CR, e		Name of Ba	roducing Formation	7 0/1/5	P		T-1/ 5		
	Dievations (DI, RRA, RI, CR, C	te.,	, (Came 0, 7)	reading resimulton	Top Oll/G	us ruy		Tubing Depth		į
	Perforations		<u> </u>	**************************************				Depth Casing S	hoe	
				· · · · · · · · · · · · · · · · · · ·				<u> </u>		
				TUBING, CASING, AN	D CEMENT			T	<del></del>	
	HOLESIZE		CASI	ING & TUBING SIZE	<del></del>	DEPTH SE	r	SACR	S CEMEN	<u> </u>
					+					
			<u> </u>		<u>i                                     </u>			i		
V.	TEST DATA AND REQUES	T FC	OR ALLOY	WABLE (Test must be a able for this d			of load oil	and must be squa	to or exce	red top allow-
	Date First New Oil Run To Tank	•	Date of Ter			Method (Flow,	pump, gas lij	i, etc.)	- 4	
	Length of Test		Tubing Pre	988W0	Casing Pre	ewe.		Choke Size	LIVE	
	Actual Prod. During Test		Oil - Bbie.		Water - Bble			Gos-MCF	2-00	
	Actual Liber Dailing 1001								1 (197)	3
	<del></del>			<del></del>	· · · · · · · · · · · · · · · · · · ·		_	2	i. CON	M. /
	GAS WELL				<u> </u>			013	7.3	
	Actual Prod. Teet-MCF/D		Length of T	Fest	Bbls. Cond	ensate/MMCF		Gravity of Cond	Onacio	
٠ ا	Testing Method (pitot, back pr.)		Tubing Pre	sewe (Shut-in )	Casina Pre	sawe (Shut-	in)	Choke Size		
ı								İ		
VI.	CERTIFICATE OF COMPL	IANC	E		1	OIL C	ONSERVA	TION COMM	SSION	
					H			F	EB 7	1974
	I hereby certify that the rules Commission have been compli	and re	egulations	of the Oil Conservation	APPRO				, 19	
	above is this and complete to				BY_OF			I. K. Kenur		
	( )				TITLE	PETROLEU	M EIGINE	ER DIST. NO	). <b>7</b>	
			\	•		- for- 10 to 1	a filad is s	ompliance with	BIII P **	104.
	_ Ledmina (	$\subseteq$	Mo		16 41	in in a reque	st for allow	able for a newl	y drilled o	or deepened
•		Signo	twe)		well, thi	s form must	be accompas	iled by a tabula lance with RU	ition of th	e deviation
	Production Clerk				A11	sections of t	his form mu	t be filled out		y for allow-
	12/13/73	(Tul	•)		able on	new and rec	empleted we	lie.		
•	TE\ #3\ 12	(Dat	e)		well nam	e or number,	or transport	III, and VI for other such	change o	condition.

Section Section 2

#### NO. OF COPIES RECEIVED DISTRIBUTION NEW MEXICO OIL CONSERVATION COMMISSION orm C-104 SANTA FE REQUEST FOR ALLOWABLE Supersedes Old C-104 and C-110 Effective 1-1-65 FILE AND U.S.G.\$ AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS LAND OFFICE TRANSPORTER GAS PROPATION OFFICE Tenneco Oil Company Suite 1200 Lincoln Tower Ridg., Denver, Colorado 80203 Recson(s) for filing (Check proper box) Other (Piease explain) X Recompletion OH Dry Gas Effective January 1, 1974 Condensate [ Change in Ownership If change of ownership give name and address of previous owner \_\_\_\_ II. DESCRIPTION OF WELL AND LEASE Jicarilla Cont. 108 ell No.: Pool Name, Including Formation State, Federal or Fee Indian 8 "" Jicarilla Blanco Mesaverde Location 1850 Feet From The North Line and 790 Unit Letter \_ Feet From The <u>West</u> Line of Section 13 Township 26N , NMPM, Rio Arriba Range 5W III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS | Name of Authorized Transporter of Oil | or Condensate | | Address (Give address to which approved copy of this form is to be sent) Name of Authorized Transporter of Casinghead Gas or Dry Gas X. Address (Give address to which approved copy of this form is to be sent) 501 Airport Drive, Farmington, New Mexico 87401 Northwest Pipeline Corporation If well produces oil or liquids, give location of tanks. 26 If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA Oil Well Workover Same Res'v. Diff. Res's Designate Type of Completion - (X) Date Compl. Ready to Prod. Total Death P.B.T.D. Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Ggs Pay Tubing Depth Perforations Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD CASING & TUBING SIZE SACKS CEMENT HOLE SIZE DEPTH SET (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) V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL Date of Test Producing Method (Flow, pump, gas lift, etc.) Date First New Oil Run To Tanks Tubing Pressure Casing Pressure Length of Test

Choke Size Water - Bble. Oil-Bble. Actual Prod. During Test JOM. **GAS WELL** DIST Gravity of Goodensate Actual Prod. Test-MCF/D Bbis. Condensate/MMCF Length of Test Testing Method (pitot, back pr.) Tubing Pressure ( Shut-in ) Cosing Pressure (Shut-12) Choke Size

#### VI. CERTIFICATE OF COMPLIANCE

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

( ) NA:00
(Signature)
Production Clerk
(Title)
12/13/73

(Date)

OIL CONSERVATION COMMISSION FEB 7

197A APPROVED Original Signed by h. R. hemurles BY I SPECIALM ENGINEER DIST. NO.

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

If this is a request for silowable 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 sllow-able on new and recompleted wells.

Fitt 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

# bistainution

	SANTA FU FILE U.S.G.S. LAND OFFICE TRANSPORTER OIL J	REQUEST I	PRISERVATION COMMISSION FOR ALLOWABLE AND NSPORT OIL AND NATURAL G	Form C-104 Supersedes Old C-101 ond C-110 Effective 1-1-65
1.	OPERATOR 7 PRORATION OFFICE Orerator			
	Tenneco Oil	Company		
	Suite 1200 Lincoln	n Tower Bldg Denver,	Colorado 80203	
	Reason(s) for filing (Check proper box)  New Yell  Recompletion  Change in Ownership	Change in Transporter of: Oil Dry Gas Casinghead Gas Conden	condensate only.	
	If change of ownership give name and address of previous owner			
n.	DESCRIPTION OF WELL AND I			
٠.	Lease Name  Ji Carilla C  Location	Well No. Pool Name, Including Fo	OZKINA State, Federal	
	Unit Letter;;	Feet From The N Line	and 790 Feet From 1	The W
	Line of Section / 3 Tow	nship26N Range5	W NMPM, KiO	Arriba County
11.	DESIGNATION OF TRANSPORT		S Address (Give address to which approv	ved copy of this form is to be sent)
	Plateau, Inc.	Inghead Gas Or Dry Gas	P. O. Box 108 Farm Address (Give address to which approx	ington New Monico
		Unit Sec. Twp. P.gs.	is gas actually connected? Whe	
	If well produces oil or liquids, give location of tanks.			···
	If this production is commingled wit COMPLETION DATA	h that from any other lease or pool,	New Well Workove: Deepen	Plug Back   Same Res'v, Diff, Res'v,
	Designate Type of Completio	n – (X)		
	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
	Perforctions	·		Depth Casing Shoe
	HOLE SIZE	TUBING, CASING, AND	CEMENTING RECORD	SACKS CEMENT
	NOLE SIZE	CASING & TOBING SIZE	, DEP(NSE)	SACKS CEMENT
v.	TEST DATA AND REQUEST FO	OR ALLOWARLE /Test must be co	feer teapurery of total walning of load oil	and must be equal to or exceed top allow-
••	OIL WELL Date First New OIL Run To Tenks	able for this de Date of Test	pth or be for full 24 hours) Producing Method (Flow, pump, gas li	
	Length of Test	Tubing Pressura	Casing Pressure	Choke Size
	Actual Prod, During Test	Oil-Bbls.	Water-Sola.	Geo-MCF
			L	30 80
	Actual Prod. Test-MOF/D	Length of Test	Bbls. Condensatio/ACACF	Grevity of Continueton
	Testing Mothed (pitos, back pr.)	Tubing Prossure (Shut-in)	Casing Pressure (Shvi-in)	Choke Size
۲ì.	CERTIFICATE OF COMPLIANCE	l	OIL CONSERVA	ATION COMMISSION
	I hereby certify that the rules and r	completions of the Oil Compountion	APPROVED	MAR 2 ( 1970
	Commission have been complied we above is true and complete to the	with and that the information given	Original Signed by	Emery C. Arnold
		$\cap$	TITLE	ERVISOR DIST. #3
	\$ 4500 Bir.	0 N 1010	If this is a request for allow	compliance with RULE 1124.  wable for a newly drilled or deaper of a middle by a tabulation of the deaper.
	Sr. Production	de Olerk	ii .	ent be filled out constetely for all the

# NO. 67 CHP127 PICCIOED | 4

	Reason(s) for liling (Check proper box) New Well Recompletion	Conpany  Tower Bldg Denver, C  Chonge in Transporter of: Oil Dry Gas	Other (Please explain) Change of author condensate only	rized transporter of
	Change in Ownership give name and address of previous owner	Casinghead Gas _   Condens	Effective 3/1	3/70
u.	DESCRIPTION OF WELL AND L	EASE	· ·	
	Lease Name  Licarilla	Well No. Pool Name, Including Fo	ا ا د ا	
٠٠	Location "	1 8 1 /3/2ncu /	nesa ver de State, Federa	
	Unit Letter _ : 185	6 Feet From The N Line	and 790 Feet From	The W
	Line of Section 13 Town	nship 26N Range	5 K/ NMPM PIN	Arriba county
II.	DESIGNATION OF TRANSPORT  Name of Authorized Transporter of Oil		S Address (Give address to which appro	oved copy of this form is to be sent)
	Plateau, Inc.	•••	P. O. Box 108 - Far: Address (Give address to which appro	minaton New Maxico
	Name of Authorized Transporter of Cas-	inghead Gas Ot Dry Gas O	Address (Give address to which appro	oved copy of this form is to be sent)
	If well produces oil or liquids,	Unit Sec. Twp. Pge.	is gas actually connected? W	hen
	give location of tanks.			
·v	If this production is commingled with COMPLETION DATA	h that from any other lease or pool,	give commingling order number:	
	Designate Type of Completion	OII 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.
	Dute System	para compri ricca, to Prod.	1 prof. Delvis 4 1	P.B.1.D.
	Elevations (DF, RKB, RT, CR, etc.;	Name of Producing Formation	Top Oli/Gas Pay	Tubing Depth
	Perforations		<u> </u>	Depth Casing Shoe
			CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
v.	TEST DATA AND REQUEST FO	OR ALLOWARLE (Test must be of	L	l and must be equal to or exceed top allow-
••	OH, WELL	able for this de	pth or be for full 24 hours)	
	Date First New Oll Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	opt, e:c.)
	Longth of Test	Tubing Pressure	Casing Pressure	Choke Size
	Actual Prod. During Test	O(1-95/a.	Wate: - Bbls.	Gos/MOF
	The state of the s		,	-
		\		
	GAS WELL Actual Prod. Test-MOFAD	Length of Test	Bbls, Condensate/ACACE	Gravity of Oppdensate
	Testing Mothed (pitat, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shub-in)	Choke Size
VI.	CERTIFICATE OF COMPLIANCE	L	OII CONSEDI	ATION COMMISSION
. •••	COMPTITION IN COMPTIME	,		MAR 2, 0 1970
	I hereby certify that the rules and r Commission have been complied w		APPROVED.	
	above is true and complete to the	best of my knowledge and belief.	BY Original Staned b	
		$\bigcap$	TITLE	SUPERVISOR DIST. 7
	1.112	V	This form is to be filed in	compliance with AULE 1194.
	- 19. Cl. 5763	Object C. A. Bourt	well, this form must be second	owable for a newly diffled or district of capital and the deviction of the deviction
	Sr. Production		tests taken on the well in are	ordance with RULE 111.
•	· /Te	!e) .	eble an new and recompleted a	oust be filled out completely for all the section

27 A. July 3

	NO OF COMES RECEIVED 11 15	<b>1</b> .		$\cdot \cdot \cdot I$ .
	DESTRIBUTION	1	With the second	•
	SANTA FE	1 _	ONSERVATION COMMISSION	Form C-104
	FILE III	REQUEST	FOR ALLOWABLE	Supersedes Old C-104 and C-110
	U.S.G.S.	41,71,00,71,710,170	AND	SCII IN
	LAND OFFICE	AUTHORIZATION TO TRA	ANSPORT OIL AND NATURAL (	CASCIAINED /
	100	<b>!</b> :		/QLULI'S \
	TRANSPORTER GAS /	1	•	JUN 2:2 1967
	OPERATOR /	1		IIN 212 13
1.	PRORATION OFFICE	1		CON. CO.
	Operator			JUN 22 1967 OIL CON. COM.
	Tenneco Oil Comp	pany		
	Address			
		Durango, Colorado		
	Reason(s) for filing (Check proper box)		Other (Please explain)	
	New Wett X	Change in Transporter of:	700	
	Recompletion Change in Ownership	Oil Dry Go	<b>7</b>	rst Delivery
	Change In Owner ship	Casinghead Gas Conde	neare [ ]	
	If change of ownership give name			
	and address of previous owner	<del></del>		
11.	DESCRIPTION OF WELL AND	LEASE		
	Legse Name	Well No. Pool Name, Including F	ormation Kind of Leas	e Lease No.
	Jicarilla "C"	8 Blanco Mesave	rde State, Federa	or Foo Fed. Jicarilla
	Location			
	Unit Letter E ; 185	50 Feet From The North Lir	se and 790 Feet From	The West
	Line of Section 13 Tow	vaship 26N Range	5W , NMPM, F	Rio Arriba County
II.	DESIGNATION OF TRANSPORT Name of Authorized Transporter of Oil		S Address (Give address to which appro	
		<del>-</del>	J · · · · · · · · · · · · · · · · · · ·	
	Rock Island Oil Name of Authorized Transporter of Case		P. O. Box 328, Farmingt	on New Mexico
	El Paso Natural		1_	
		Unit Sec. Twp. P.ge.	P. O. Box 990, Farming to la gas actually connected?	
	If well produces oil or liquids, give location of tanks.	E 13 26 5	No	On Approval
	If this production is commingled wit	h that from any other leage or pool	alve completeling order numbers	333 339 333 333
	COMPLETION DATA	in that from any other reason or poor,	give committiguity order indinaer.	
		Oll Well Gas Well	New Well Warkover Deepen	Plug Back Same Besty, Diff. Resty,
	Designate Type of Completio		X	
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	11/22/66	3/6/67	8262	8230
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	7202 Gr.	Blanco Mesaverde	5465	7925 Depth Casing Shoe
	6103-5465			8261
	0103-3403	TUBING CASING AND	CEMENTING RECORD	0201
•	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS MENT
	12-1/4	10-3/4	433	310 sx
	9-5/8	7-5/8	4000	325 sx
	6-3/4	4-1/2	8261	1st stage 220 sx
		2-3/8	7925	265 sx 2nd stage
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fter recovery of total volume of load oil pth or be for full 24 hours)	and must be equal to or exceed top allow-
	OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li,	h. etc.)
	Daig Filet flow Oil flow to Family			
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
	- -		1	
	Actual Prod. During Test	Oil-Bble.	Water - Bble.	Gas-MCF 0
		<u> </u>	<u> </u>	<u> </u>
			-	
	GAS WELL		<del></del>	·
	Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
	4369	3 hrs	-	
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-is)	Casing Pressure (Shut-in)	Choke Size
	Back Pr.	Pkr	1060	3/4
VI.	CERTIFICATE OF COMPLIANC	CE	11	TION COMMISSION
		and the Oli Conservation	APPROVED JUN 2	2 1967
	I hereby certify that the rules and r Commission have been complied w above is true and complete to the	with and that the information given		
	above is true and complete to the	best of my knowledge and belief.	Original Signed by Er	nery C. Arnold
			TITLE SUPERVISOR	DIST. #3
	, .		11 -	
	M. K. Wanner Gigner	كرميد		compliance with NULE 1194. vable for a newly drilled or deepened
	W W Stanza-Signa	<del>~</del>	well this form must be accompa	nied by a tabulation of the deviation
		twe)		
	m. k. wagneri	itue)	tests taken on the well in accor	dance with RULE 111.
	ri. K. Wagneri		tests taken on the well in according	dance with RULE 111.  at he filled out completely for allow-
	n. k. wagueti		All sections of this form mu able on new and recompleted we Fill out only Sections I. II	dance with RULE 111.  at he filled out completely for allow-

#### Form 9-330 (Rev. 5-63) SUBMIT IN DUPLICATE\* Form approved. Budget Bureau No. 42-R355.5. UNITED STATES (See other in-DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY Jicarilla Cont 188 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT Jicarillo, Dulce, New Yex. 1a. TYPE OF WELL: 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: DEEP. WELL WORK OVER S. FARM OR LEASE NAME Otl 2. NAME OF OPERATOR OH CON. COM Jiesrilla C Tennaco Oil Company . WELL NO. 3. ADDRESS OF OPERATOR P. O. Box 1714. Burango, Celerado61361 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requires Basin Dak/Blanco Hepaverde 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 1850 YEL. 790 YUL At top prod. Interval reported below At total depth 12. COUNTY OR 13. PARISH 14. PERMIT NO. DATE INSUED hie Arribe New Mexico 18. BLEVATIONS (DF, REB, RT, GR, ETC.)\* | 19. ELEV. CASINGHEAD 15. DATE SPUDDED 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) 7202 Gr. 11/22/66 12/4/66 3/6/67 7202 22. IF MULTIPLE COMPL., HOW MANY INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 21. PLUG. BACK T.D., MD & TVD 23. 8230 Two 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 5103-5465 Mesaverdo 8012-8234 Dekote 100 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED IKD-CED CASING RECORD (Report all strings set in well) 28. WEIGHT, LB./FT. CASING SIZE DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 10-3/4 32 é 433 12-1/4 310 ex Hone 325 an 1000 9-5/B 220 s x first stand 10.5 4 11.66 8261 245 m 29 LINER RECORD TUBING RECORD 30 SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2-3/8 7925 7925 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT, FRACTURE, GEMENT SQUEEZE, ETC. 8140-44 8055-57 1 KPT A AMOUNT AND KIND OF MATERIAL USED 3148-56 8034-41 5553-54 8140-8114 10.000fad.17.772eala wtt 3180-BI E013-35-3462-6X 8057-4013 76.0000ad. 95.685 gale #8r 8802-06 8027-29 3497-98 1111-1 SO not ente ant 8224-34 8012-8002 6103-546 200 ns 202 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) ELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION Plantag DATE OF TEST HOURS TESTED PROD'N. FOR TEST PERIOD OIL--BBL. GAS-MCF. GAS-OIL RATIO CASING PRESSURE CALCULATED OIL-BRI. CORR.) 24-ROUR BATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) MAR 16 1967 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all a probabilities. II. W. SIGNED

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

TITLE Sonfor Production Clark

DATE - MARCO 10, 1967

6 USCE

Atlantic

Continental

# 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 Structions on items 22 and 24, and 83 below regarding separate reports for separate completions. All structions are submitted, copies of all currently available logs (drillers, seologists, 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.

Hem 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.

Hem 18: Endicate which alevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Hems 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. So intervals, for (s), bottom (s) and name(s) (if any) for only the interval reported in item 28. Submit a separate report (page) on this form, adequately independently produced, showing the additional interval. So intervals, to be separately produced, showing the additional and part interval. In the 28: "Society Coment" at Atached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FOUNTATION   FOP   WOTTON   DESCRIPTION CONTENTS, STC.   MAND   MASSES   MAND   MASSES   MAND   MASSES   MASS	SC. BOLMMARY OF FORCOS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	RIANT ZONES OF PARTIES, TESTED, CUSHION	MARI OF FUNCOUS ZONES: BONDWALL INFORMANT ZONES OF POROSITY AND CONTENTS THERBOF DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWIN	NTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DPEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	GROLOG	GROLOGIC MARKERS	
Galimp 7489 7894 Sand (Oil - Not tented)  Nesseverds Callup Datota 8010 5210 Sand 5 Shale (Gas)  Fakoys	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, BTC.		2	
Callup 7489 7489 7494 Sand (Oil - Mot tented) Meseverde Gallup Garlup Greenhorn Sand 5 Shale (Cas) Fakoys Fakoys	Messverde	3460	6120	•		MEAS. DEFTE	THOS A PRIT. DELL
Datora 8010 8210 Sand & Shale (Cas) Greenforn Fakoya	Gallup	1489	7494	(Oil - Mut tented)	laverde	3460	
	Dekota	8010	8210	è Shale (Cas)	enborn	7990	
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RANSPORTER	OIL	1	
TANSFORTER	GAS	1	
		T	T

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

 Supersedes Old C-10 Ellective 1-1-65

RORATION OFFICE					
Tenneco (	Dil Company				
iress	x 1714, Durango, Cole	prado 81301			
ason(s) for filing (Check proper box)		Other (Please explai	in)		
w We!l · 🔀	Change in Transporter of:	- Feforetive	first delivery.		
completion	Oil 🔲 t	Ory Gas Effective	first delivery.		
ange in Ownership		Condensate			
hange of ownership give name and dress of previous owner	Note: This is a dual	Mesaverde Dakota			
SCRIPTION OF WELL AND		ool Name, Including Formation	Kind of Lease		
Jicarilla "C"	8 8	Basin Dakota	State, Federal or Fee Federal		
ation		Javan Dukota	rederat		
Unit Letter E ; 1850 Feet From The North Line and 790 Feet From The West					
Line of Section 13 Tow	mship 26–N Range	• 5-W , NMPM,	Rio Arriba County		
SIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS  me of Authorized Transporter of Oil or Condensate X Address (Give address to which approved copy of this form is to be sent)					
Rock Island			mington, New Mexico		
me or Authorized Transporter of Cas		Address (Give address to which	h approved copy of this form is to be sent)		
El Paso Natural Gas (			rmington, New Mexico		
vell produces oil or liquids, e location of tanks.	Unit Sec. Twp. Rg E 13 26	5 No	On Approval		
is production is commingled wit	h that from any other lease or p	pool, give commingling order number			
Designate Type of Completio	n – (X)	X			
e Spudded 11/22/66	Date Compl. Ready to Production 3/6/67	Total Depth 8262	P.B.T.D. 8230		
vations (DF, RKB, RT, GR, etc.) 7202 Gr.	Name of Producing Formation  Dakota	Top Oli/Gas Pay 8012 Dakota	Tubing Depth 7925		
fordions 8012-8234 Dakota			Depth Casing Shoe 8262		
	TUBING, CASING	, AND CEMENTING RECORD			
12-1/4	CASING & TUBING SIZE		SACKS CEMENT		
9-5/8	10-3/4	433	<del></del>		
6-3/4	7-5/8 4-1/2	4000 8261	325 sx 220 sx first stage		
			265 sx 2nd stage		
ST DATA AND REQUEST FO			oad oil and must be equal to or exceed top allow-		
te First New Oil Run To Tanks	Date of Test	his depth or be for full 24 hours)  Producing Method (Flow, pump,	gas life, etc.)		
ngth of Test	Tubing Pressure	Casing Pressure	Choke Six		
tual Prod. During Test	Oil-Bbls.	Water - Bble.	Gas-MCF OIL CON. COM.		
DIST. 3					
S WELL tual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate		
5191	3 hours				
Back pr.	Tubing Pressure 367	Casing Pressure	Choke Size 3/4		
RTIFICATE OF COMPLIANC	CE ,	OIL CONS	ERVATION COMMISSION		
The second secon	amulaklaria i Artis Brit B	APPROVED MAY 1	6 1967		
ereby certify that the rules and regulations of the Oil Conservation mission have been complied with and that the information given		iven Original Signa	.007		
ve is true and complete to the best of my knowledge and belief.		itef. By Original Signe	By Original Signed by Emery C. Arnold		
Λ		TITLE SUPERVISOR	1 DIST. #3		
110	¬ /1	This form is to be fil	ed in compliance with RULE 1104.		
- 3//-	1	If this is a request fo	r allowable for a newly drilled or despened		
Senior S	Production Clerk	tests taken on the well in	companied by a tabulation of the deviation accordance with RULE 111.		
(Tit		All sections of this fo	orm must be filled out completely for allow-		
March 1	_ ^ _	. 11	is I, II, III, and VI for changes of owner,		
(Da	te)	well name or number, or tre	ansporten or other such change of condition.		
		Separate Forms C-10 completed wells.	M must be filed for each pool in multiply		

### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Effective 1-1-65 All distances must be from the outer boundaries of the Section. Operator Well No. Jicarilla "C" Tenneco Oil Company 8 Unit Letter Section Township Hange County E 13 26-N 5-W Rio Arriba Actual Footage Location of Well: feet from the line and fect from the West Ground Level Elev: Producing Formation Dedicated Acreage: N/27202 UnGr. Blanco-Mesaverde Blanco-Mesaverde 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? If answer is "yes," type of consolidation. Yes ☐ No 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. Positio Senior Production Clerk Tenneco Oil Company March 13, 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 DIST. 3 Registered Professional Engineer and/or Land Surveyor

2000

1500

1000

500

1320-1650

1980. 231C 2640

Certificate No.

Form 9-331 (May 1963)

1.6.

### UNITED STATES BURNET IN TRIPLICATES OF THE INTERIOR OF THE PROPERTY OF THE INTERIOR OF THE PROPERTY OF THE P

er that he had been a fine to the

GEOLOGICAL SURVEY

Jierrijiin Cock 104 6. IP INDIAN, ALLOTTES OR TRIBL SAME

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.) Jierrille, Dulco, I.M. 7. UNIT AGREEMENT NAME WELL GAS X 2. NAME OF OPERATOR S. FARM OR LEASE NAME. Jichrille "C" Renuece Oll Company 9. WELL NO. Box 1711. Durango, Colorado. 10. FIELD AND POOL, OR WILLICAT See also space 17 below.) At surface Durl Brsin Dakots/W 11. MEC., T., R., M., OR BLK. AND SURVEY OR ALEA 1850' FNL 790' FWL Unit E SOC. 13-T26N-R5W 14, PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7202' GR \_Rio Arriba | New Maxico

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
	II		r	r1			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING WELL		
PRACTURP TREAT	<u> </u>	MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING CASING		
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING X	ABANDONMENT*		
REPAIR WELL		CHANGE PLANS		(Other)			
(either)				(Norn: Report results of multiportion of Recombining of	Tiple completion on Well court and Lor Corn )		

17. orse and proposed on complete 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.) \*

2-4-67 Perforate 8140-44', 8148-56', 8180-82', 8202-06' and 8224/34' w/ 28 holes. Acidized w/ 500 gels. Frac w/ 70,000# send and 77,777 gels. water. Set BP at 8100'. Perforte 8055-57', 8039-41', 8033-35', 8027-29' w/ 1 HPF and 8012 8022' w/ 2 MPF. Free w/ 70,000# sand and 96,685 gals. water. Set BP at 6160'. Perforate 5553-54' w/ 3 holes. Squeeze perfs w/ 50 sx. cement. W.O.C. C.O. to 6160'. Perforate 5462-63' and 5497-98' w/ 2 HPF. Squeeze perfs w/ 200 sx. cement. W.O.C. Perforate 6103', 6055', 5988', 5985', 5983', 5543', 5538', 5534', 5533', 5529', 5527', 5516', 5514', 5512', 5509', 5503', 5502', 5501', 5500', 5474', 5473', 5472', 5471', 5467', 5466' and 5465' w/ 1 HPF. Frac MV w/ 70,000% sand and 85,500 gals. water. C.O. to 8230' PBTD. Ran Baker Model D production packer at 7925'. Ran 2-3/8" EUE tubing set at 7925'. Released rig 2-12-67. W.O. test.

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

<u> </u>		
18. I hereby cerdify that the foregoing is true and correct SIGNED GOOME A. FORG	-TITLE Senior Production Clerk	DATE 3-3-67
(This space for Federal or State office use)		
APPROVED BY CONDITIONS OF APPROVAL, IF ANY: 6-UCCS	TITLE	DATE

1-File

1-Atlantic

1-Conoco

\*See Instructions on Reverse Side

Form 9-331 (May 1963)		UNITED STATES	SUBMIT IN TRIPLICATES (Other Instructions on re-		u Np. 42-R1424.
		MENT OF THE INTERIO	JR verse side)	5. LEARE DERIGNATION	1 -
		GEOLOGICAL SURVEY		Jicarilla Co	
		ICES AND REPORTS C			
(Do not use the	Use "APPLICA	sals to drill or to deepen or plug ba ATION FOR PERMIT—" for such pro-	oposals.)	Jicarilla, I	Dulce. N.M.
1. OIL GAS	<u></u>			7. UNIT AGREEMENT NA	ж
WELL WELL	X OTHER				
2. NAME OF OPERATOR				8. FARM OR LEASE NAM	
Tenneco Oi				Jicarilla "(	<u> </u>
Box 1714,		al areda		8	
4. LOCATION OF WELL	Report location c	learly and in accordance with any	tate requirements.*	10. FIELD AND POOL, OF	WILDCAT
See also space 17 be At surface	tow.,			Basin Dakota	<b>.</b>
				11. SEC., T., R., M., OR B SURVEY OR AREA	LK. AND
1850' FNL	790' FWL	Unit E		20 700	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF,	P* OP etc.)	Sec. 13-T261	
21, 120-12		7202' GR	na, and word,	Rio Arriba	New Mexico
1.0					I New Mexico
16.	Check Ap	opropriate Box To Indicate No	ature of Notice, Report, or C	Other Data	
	NOTICE OF INTEN	TION TO:	BUBBEQU	DENT REPORT OF:	_
TEST WATER SHUT-	OFF	PULL OR ALTER CASING	WATER SHUT-OFF X	REPAIRING W	ELL
FRACTUBE TREAT		MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	DNIE
SHOOT OR ACIDIZE	<del></del>	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T*
REPAIR WELL (Other)	<u> </u>	CHANGE PLANS	(Other) (Note: Report results	of multiple completion	on Well
	OR COMPLETED OPE	RATIONS (Clearly state all pertinent enally drilled, give subsurface location		etion Report and Log for including estimated date	
7-5/8" 26.1 8262' on 12 8261' w/ st	# casing s 2-4-66. Lo age collar	ent circulated. W.O.G set at 4000' w/ 325 sp ogged. Ran 256 jts. F set at 6268'. Cement ased rig 12-5-66. W.G	c. cement. W.O.C. 1 4-1/2" 10.5# and 11.6 ated w/ 220 sx. 1st a	Drilled to T.D. 5# casing set a	it.
_		<u> </u>		•	
	•			•	
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			FEIVE	$D \mid $	
			RECEIVE	SIPE!	
			10 CC	" /RIJI	VFN
			JAN I.		'LU \
			COCAL S	JAN16	967
			U. S. GEOLOGION, N	OIL CON.	307
			*An.	DIET.	COM.
				DIST.	<b>3</b> /
18. I hereby ceraity than	the foreston	trustifd corfet			
SIGNED Harold	C. Nichol	TITLE Ser	nior Production Clerk	C DATE Janua	ry 10, 1967
(This space for Fed	eral or State office	ce use)			
APPROVED BY		TITLE		DATE	•
CONDITIONS OF A	PPROVAL, IF A				
6 <b>-</b> USGS			:		
1-Atlantic					
1-Conoco		*See Instructions	D 0:		

the state of the second of the

#### TABULATION OF DEVIATION TESTS

#### TENNECO OIL COMPANY

JICARILLA "C" NO. 8

DEPTH	INCLINATION
4121	3/4°
860'	1-1/4°
1365'	1-1/2°
1900'	2°
2060'	2-1/4°
2563'	2-3/4°
3120'	1/2°
3530'	1-1/2°
4218'	2-3/4°
5183'	1-1/2°
5493'	1-3/4°
5803'	1-3/4°
6019'	1-1/2°
6266'	3/4°
6571'	1°
6881'	1°
6124'	1/2°
7371'	3/4°
7756'	1-1/4°
8030'	2-1/2°

#### AFFIDAVII

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 "C" NO. 8, Basin Dakota Field, located in Section 13, T-26-N, R-5-W, Rio Arriba County, New Mexico.

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 by me 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 8th day of December, 1966.

My commission expires June 28, 1969.

MARIE L. POER D. O. Box 1714

#### Distribution

1 copy - New Mexico Oil Conservation Commission

1 copy - Atlantic 1 copy - Continental 1 copy - File

La Piata County, Colorado

Form 9-881 C /May 1963)

Carlo & Label

SUBMIT IN TRIPLICATE\* (Other instructions on

Form approved. Budget Bureau No. 42-R1425.

		NT OF THE		DIOD	LEACLES E	nae)			
				(ION			5. LEASE DESIGNATION AND SERIAL NO.		
		OGICAL SUR		<u> </u>	<u> </u>	`	Jicarilla Cont. 108 6. IF INDIAN, ALLOTTES OR TRIBE MARKS		
APPLICATION	I FOR PERMII	TO DRILL,	DEEP	EN, OK	PLUG I	BACK			
la. Tipe of work  DRI b. Tipe of well	LL 🖾	DEEPEN		PL	.UG BA	ok 🗆 .	Jicarilla, Dulce, New Mo		
	SELL OTHER			INGLE T	MULTI Boyu	ru 🗆 🖰	8. FARM OR LEASE NAME		
, NAME OF OPERATOR							Jicarilla 'C"		
Tenneco Oil	Company						9. WELL NO.		
	714, Durango,	Colorado 8	1201			<u>[</u>	No. 8		
LOCATION OF WELL (R				State requirem	ents.*)	<u> </u>	4 _		
At surface							Basin Dakota ii. sec., r., R., M., OR BLK.		
At proposed prod. son	. 1850 FN	L 790 FWL				<i>:</i> -	AND SURVEY OR AREA		
				tter "E"			Sec. 13, T-26-N, R-5-W		
4. DISTANCE IN MILES	AND DIRECTION FROM I	BARBET TOWN OR P	Dat Offic	3.		i			
id. Distance Prom Propu	egen <sup>©</sup>		1 12 -	D. OF ACRES I		1 17	Bio Arriba Rew Mexic		
LOCATION TO NEAREST PROPERTY OR LEASE L	•		20, 20	•			OF ACRES ASSIGNED THE WILL		
(Also to nearest drig	. unit line, if any)		19. Pi	320		20 102	320 N/2		
TO NEAREST WELL, DO OR APPLIED FOR, ON THE	RILLING, COMPLETED,			8355		1			
1. BLEVATIONS (Show Who	ther DF, RT, GR, etc.	)		03//			Rotary 22. APPROX. DATE WORK WILL START		
•				7202 G	R	<b>4</b> 3	October 23, 1966		
8.		PROPOSED CAS	ING AN	D CEMENTIN	G PROGR	AM 5	# 20 2 2 4 5 A 5		
SIRB OF HOLB	SIED OF CARING	WRIGHT PRI		SSTING	DEPTH		QUANTITY OF CHMERT		
12-1/4	8-5/8	20 & 24/	<del>/</del>	40	)		Cement to surface		
7-7/8	4-1/2	<u> 10.5 &amp; 11</u>	6#	835	5		tage 235 sx		
•		1		1		2nd	tage cement to surface		
						\$ 2	mental me		
•									
We plan to d	rill to appro	eximate T.D.	8355	. Run I	es & Gi	RD Logs	Run casing as		
shown above	w/stage colls	ır set appro	ximat	elv 300'	below	hoftom	of Masstanda Woo		
Perf and fra	c and complet	e. Run 2-3	1/8" <b>y</b>	AL MAPO	and c	conduct	deliverability tests.		
		:	1	<i>\`</i> +\\\+'	$D_{i,j}$	an c	rally and the same of the same		
	•		\ <b>R</b> \	Pri		ja E	音の生食は火港り		
			1 30	CT2 19	66 1				
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			10	I CON.	C.	Ę			
		,	10	DIST.	* / ·	I			
			•		/	1	LES GEOLOGICAL SURVEY		
	drill or deepen directi						ductive some and proposed new productive and true vertical depths. Give blowout		
. 1/	10000					- 5			
BIONED LAND	Wiji	now	HTLE S	enior Pro	oductio	n Cleri	October 19, 196		
NBFOIC	C. NICHOLS								
frame share for space	.m. vr blade (1900 199)					Cotta	t pid I sid		
PBRMIT NO.			<del></del>	APPROVAL DAT	ra		8 6 N 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
2						13	A 2 1 2 1 2 1 2 2 2		
CONDITIONS OF APPROV.	AS. TO AUT :	1	:ITLB			<del></del>	2 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		

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

All distances must be from the outer boundaries of the Section Well No. Operator TENNECO CII. COMPANY **JICARILIA** Range Township Unit Letter 26 North 5 Prest Rio Arriba Actual Footage Location of Well: feet from the 1850 feet from the Morth Ground Level Ele. Bagin Dake 72021 ungraded Acres 1. Outline the acerage 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 consolidated. (Use reverse side of this form if No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forcedpooling, or otherwise) or until a non standard unit, eliminating such interest insteen approved by the Commission. CERTIFICATION OCT 25 1966 eby certify that the information contained OIL CON. COM DIST. 3 Name Position Yermare Oil Company Company October 19, 1966 Date N knowledge and belief. 2 September 1966 Date Surveyed Registered Professional Engineer and/or Land Surveyor Robert H. Ernst N. Yex. PE & LS No. 2463 Certificate No.

CMD : CMGARD CNGARD INQUIRE WELL COMPLETIONS

08/03/04 11:19:54 OGOMES -TQEY

Pool Idn API Well No : ა 0 72319 BLANCO-MESAVERDE (PRORATED GAS) 39 21640 Eff Date : 01-01-2004 WC Status : A

OGRID Idn : 222374 CDX RIO, LLC

Prop Idn : 33461 JICARILLA C

Well No : 008A GL Elevation: 6842

U/L Sec Township Range North/South 1 1 1 1 1 East/West Prop/Act (P/A)

B.H. Locn Lot Identifier: ₩ 26N 05W FTG800 F N FTG 1485 F ഥ 'n

Dedicated Acre: 320.00

Lease Type : J

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF07 PF01 HELP E6317: No more recs. for this api well no. PF02 PF08 PF09 PF03 EXIT PF10 NEXT-WC PF11 HISTORY PF12 NXTREC PF04 GoTo PF05 PF06

Date: 8/3/2004 Time: 11:20:32 AM

PF01 OG6ACRE CMD : PF07 BKWD Spacing Unit Pool Idn Dedicated Land: Sect/Twp/Rng Prop Idn API Well HELP E0005: Enter data No PF02 PF08 FWD 30 ß 13 26N 05W Acreage 72319 BLANCO-MESAVERDE (PRORATED GAS) 33461 JICARILLA C 34696 OCD Order : 39 21640 Base U/L Sec to modify or PF09 PF03 H H C C B A G C102-DEDICATE ACREAGE 13 13 13 13 EXIT Eff Date : 04-30-1991 ONGARD 26N 26N 26N 26N 26N 26N 26N 26N Twp Rng Acreage PF keys to scroll 05W 05W 05W 05W 05W 05W 05W 05W PF04 GoTo PF10 LAND 320.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 Revised C102? (Y/N) Simultaneous Dedication: L/W PF05 PF11 NXTSEC **ZZZZZZZ** Ownership N N N NI NI H 08/03/04 11:19:58 Page No : PF12 RECONF PF06 CONFIRM Well No : 008A OGOMES -TQEY Lot Idn

Pool Identifier OGRID Identifier OG6IPRD CMD: 72319 BLANCO-MESAVERDE (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 11:20:07 Page No: 1 OGOMES -TQEY

API Well No

: 30 39 21640 Report Period - From : 01 2002 To : 06 2004

	30	30	30	30	30	30	30	API
Repo	ຼິ ຜ <b>9</b>	ა 9	39	39	39	39	39	wel
	21640	21640	21640	21640	21640	21640	21640	API Well No
Reporting Period Total (Gas, Oil) :	21640 JICARILLA C	JICARILLA C	JICARILLA C	JICARILLA C	JICARILLA C	JICARILLA C	JICARILLA C	Property Name
(Gas, Oil	07 02	06 02	05 02	04 02	03 02	02 02	1 0	Prodn. Days MM/YY Prod
. !!	31	12	31	30	31	28		. Days Prod
( 1 1 1 1 1	2669	1944	1901	2419	2756	2268	ω	Production Gas
         		Ъ	17				ω	ion Volumes
! ! ! !			20	81				Water
	μij	ຜ	Ή	Ή	щ	Ή	ਸ	Well r Stat

5 - 150 July 17 4

M0025: Enter PF keys to scroll

PF07 BKWD	PF01 HELP	
PF08 FWD	PF02	
PF09	LP PF02 PF03 EXIT PF04	
PF10 NXTPOOL PF11 NXTOGD	PF04 GoTO PF05	!
) PF12	PF06 CONFIRM	

PF07 BKWD PF01 HELP OG6IPRD CMD : 30 API Well No API Well No Pool Identifier OGRID Identifier ယှ კ 9 39 39 21640 21640 21640 21640 21640 E0049: User may continue scrolling. Reporting Period Total (Gas, Oil) JICARILLA JICARILLA C JICARILLA C JICARILLA C JICARILLA PF08 FWD PF02 Property Name 30 72319 BLANCO-MESAVERDE (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY 39 21640 Report Period - From : 01 2002 To : 06 2004 INQUIRE PRODUCTION BY POOL/WELL PF09 PF03 EXIT ONGARD 9 10 11 AA/WW Prodn. 02 02 02 PF04 GoTo PF10 NXTPOOL PF11 NXTOGD Days Prod 30 31 30  $^{3}$ 27816 4538 2236 1563 1574 1409 Gas Production Volumes PF05 153 69 20 43 08/03/04 11:20:10 PF12 PF06 CONFIRM OGOMES -TQEY Page No: Water Stat 457 163 82 40 मे मे 긔 푀

CMD : OGRID Identifier : OG6IPRD 222374 CDX RIO, LLC INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 12:43:32 Page No: 1 OGOMES -TQEY

API Well No Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS) : 30 39 21640 Report Period - From : 01 2000 To : 06 2004

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M 1 HELP 7 BKWD		API Well No 30 39 2164 30 39 2164 30 39 2164 30 39 2164 30 39 2164 30 39 2164
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PF04 PF10	0il)	1 • 1
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PF05		s coduc
GOTO PF05 NXTPOOL PF11 NXTOGD	 71	Production Vo Gas Oil 673 6 149 44 662 10
PF06 PF12		lumes
CON	3 1 3 1 3 3 1	Water 78 225
RM		

District 1
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

Submit to appropriate District Office

Form C-104A

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

#### **Change of Operator**

Previ	ous Operator Information:	New Operator Information:				
		Effective Date:	January 1, 2004			
OGRID:	000778	New Ogrid:	222374			
Name:	BP America Production Company	New Name:	CDX Rio, LLC			
Address:	P.O. Bxo 3092	Address: _	4801 N. Butler Ave. #2000			
Address:		Address: _				
City, State, Zip:	Houston, TX 77253-3092	City, State, Zip: _	Farmington, NM 87401			
Signature:  Printed name:  Title:	nat the rules of the Oil Conservation Division on this form and the attached list of wells is brull D. John Mid Grubb Ronald D. John roduction Accounting Spec. Opera	nston Lions Manag	the best of my knowledge and belief.			
Previous operator	r complete below:	1	MOCD Approval			
	•	.,.	···			
Duration On our B	DB America Buodustian Comment	5				
rievious Operator:	BP America Production Company	Signature:	7.5			
	2000	#	UPERVISOR DISTRICT #3			
Previous OGRID:	JUU / /8	Printed Name:				
Signature:	Cherry Hlava	District:				
Printed Name:	J '	, Date:	FEB 1 7 2004			
i illiag italie.	onvily india	Date.				

District.1
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

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

Form C-104B

March 19, 2001

#### **Change of Operator Name**

OGRID:	000778			
Effective Date:	12/31/2001			
Previous Op	perator Name and Information	on: N	lew Operațo	r Name and Information:
Address: Address:	Amoco Production Comp. P.O. Box 3092  Houston, Texas 77253		Address:	P America Production Company P.O. Box 3092  Houston, Texas 77253
Signature:	at the rules of the Oil Conservation attached list of wells is true and conservation of the Oil Conservation attached list of wells is true and conservation of the Oil Conservation attached list of wells is true and conservation of the Oil Conservation attached list of the Oil Conservation attached list of wells is true and conservation of the Oil Conservation attached list of wells is true and conservation of the Oil Conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation attached list of wells is true and conservation at a second list of the Oil Con	omplete to the best		ith and that the information given on lige and belief.
	:		NMOCI	) Approval
		Signature:	,	
		Printed Name:	SUPER	VISOR DISTRICT #3
		District:	•	JAN 2 2 2902
		Date:		

Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Do not use this form for propose	CES AND REPORTS ON WELLS  els to drill or to deepen or reentry to a different reservoir.  ION FOR PERMIT - " for such proposals	6. Lease Designation and Serial No.  Jicarilla Contract 108  6. If Indian, Allottee or Tribe Name  Jicarilla, Dulce, NM  7. If Unit or CA, Agreement Designation
Type of Well Oil Gas Well Other  Name of Operator  Amoco Production Company	Attention: Patty Haefele	8. Well Name and No.  Jicarilla C 8A  9. API Well No.
. Address and Telephone No. P.O. Box 800, Denver, Colorado	(202) 020 4000	3003921640
. Location of Well (Footage, Sec., T., R., M., or Sur		Blanco Mesaverde
800' FNL 1485'FEL	Sec. 13 T 26N R 5W Unit B	11. County or Parish, State  Rio Arriba New Mexico
	TE BOX(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACT	ION
Notice of Intent  Subsequent Report  Final Abandonment Notice	Abandonment Recompletion Ptugging Beck Casing Repair Altering Casing Other INote Recompletion	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water e: Report results of multiple completion on Well Completion or ompletion Report and Log form.)
Amoco Production Company in	tends to plugback the subject well per the attached pro	cedures.
		DECEIVED Jun - 2 1995 OIL COM. DIV.
		DIST. 3
4. I hereby certify that the foregoing is true and corr Signed Patty Haufel		Assistant Date 05-16-1995
No space for Federal or State office use)  Approved by Rule X  Conditions of approved if any:	Lent Title	d Mineral Resources JUN 2 1995

itle 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, ficticious, or freudulent statements or

presentations as to any matter within its jurisdiction.

Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Dox 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410	REQU	JEST FO	OR AL	LOWAE	BLE AND	AUTHOF	RIZATIO	N		
I.					AND NA		GAS			
Operator AMOCO PRODUCTION COMPA	NY							ы АМ №. 0039216400	)0	
P.O. BOX 800, DENVER,	COLORAI	0 8020	)1							
Reason(s) for Filing (Check proper box)					Out	et (l'lease ex	plain)			
New Well		Change in								
Recompletion 1	Oil	_	Dry Gas							
Change in Operator	Casinghea	4 Gas ∐	Conden	tate 📙				<del> </del>		
If change of operator give name and address of previous operator										<del></del>
II. DESCRIPTION OF WELL Lesse Name	AND LE	ASE Well No.	Pool Na	me. Includi	ing Formation		Ki	nd of Lease		ease No.
JICARILLA C		8A				PRORATE		se, leaenthor Fe		
Location B Unit Letter	. 8	00	Peat Fro	um Tha	FNL	e and1	485	Rest From The	FEL	Line
13	26N			5W			RI	Peet From The . OARRIBA		
Section Townshi	•		Range		,N	MPM,		- Indiana		County
III. DESIGNATION OF TRAN  Name of Authorized Transporter of Oil	SPORTE	OF OF OIL		NATU		a oddress so	which appro	ved copy of this f	orm is to be se	ent)
MERIDIAN OIL INC.			1					FARMING		
Name of Authorized Transporter of Casing	head Gas		or Dry	Gas	Address (Giv	e address to	which appro	ved copy of this f	orm is to be se	87401 July
EL PASO NATURAL GAS COL	PANY \	IWP.	Pe !	ve Core			RI PAS		1078	
If well produces oil or liquids, give location of tanks.	Unit	Soc.	l twp	Rgs.	is gas actuali			nea 7	7,0	
If this production is commingled with that IV. COMPLETION DATA	from any oth	er lease or	pool, give	e comming!	ing order num	ber:				
Designate Type of Completion	- (X)	Oil Well	10	as Well	New Well	Workover	Deeper	n Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Com	L Ready to	Prod.		Total Depth	·		P.B.T.D.	<u> </u>	-
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing Fo	ormation		Top Oil/Gas	Pay		Tubing Dep	<b>h</b>	
Perforations	<u> </u>				<u> </u>	•		Depth Casin	a Slice	
T CITOGRAPOLIS								Depar Carr	g 3200	
	<del>,                                    </del>				CEMENTI					
HOLE SIZE	CA	SING & TU	IBING S	IZE		DEPTH SE	T	<del>e t V E</del>	SPORS CEMI	ENT
	<del> </del>				ļ	<del>ii)</del>	126		₩	
						<del> K</del>				
····	<del> </del>				· · · · · · · · · · · · · · · · · · ·		Alle	2 3 1990	<del></del>	
V. TEST DATA AND REQUES	T FOR A	LLOWA	ABLE	· · · · · · · · · · · · · · · · · · ·				ON. DI	1.	
OIL WELL (Test must be after n  Date First New Oil Rug To Tank	Date of Te	Hai volume	oy soaa e	u ana musi	Droducing M	ethod (Flow		HELL 3	for full 24 hou	78.)
Succession Control to tune	Date Of 16	*			Producing M	entern (t. shut)		Man _		
Length of Test	Tubing Pre	ane			Casing Press	TLB		Choke Size		
Actual Prod. During Test	Oil - Bbls.				Water - Bbia			Gas-MCF		
GAS WELL	·				<b></b>			l		
Actual Prod. Test - MCI/D	Length of	l'est			Bbis. Conden	MMCF		Gravity of C	Condensate	
Testing Method (pilot, back pr.)	Tubing Pre	saure (Shut	·in)		Casing Press	ure (Shut-in)		Choke Sice		
VI. OPERATOR CERTIFIC	ATE OF	СОМР	LIAN	CE	<u> </u>					
I hereby certify that the rules and regular Division have been complied with and	stions of the	Oil Conser	valion		(	OIL CO	NSER'	VATION	DIVISIO	M
is true and complete to the best of my 1			-a ==016		Date	Approv	red	AUG 2	3 1990	
D. H. Skly					By_	, ,	~		1	
Signature Doug W. Whaley, Staff	Admin	Super	viso	<b></b>	Dy			EDVICE	many	
Printed Name			Title	200	Title			PERVISOR	JISTRICT	73

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.
- All sections of this form must be filled out for allowable on new and recompleted wells.
   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 1
P.O. Box 1980, Hobbs, NM 88240

#### State of New Mexico Energy, Minefals and Natural Resources Department

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

#### OIL CONSERVATION DIVISION DISTRICE II P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088

DISTRICT III

Santa Fe, New Mexico 87504-2088

I.					BLE AND A					
Operator								API Na		
Amoco Production Comp	any						3003	921640		<del></del>
1670 Broadway, P. O.	Box 800	, Denv	er,	Colorac	lo 80201					
Reason(s) for Filing (Check proper box)		~ .	-		Oth	er (Please exp	lain)			
New Well L. J. Recompletion	Oil	Change in	Dry C							
Change in Operator		ad Gas 📋	•							
If change of operator give name and address of previous operator Ten	neco Oi	1 E &	P, 6	162 S.	Willow,	Englewoo	od, Colo	rado 80	0155	
II. DESCRIPTION OF WELL	AND LE	,								
Lease Name JICARILLA C		Well No.			SAVERDE)		FEDE	DAT	1	ease No.
Location		lon	PLA	ACO (IE	DHAEKDE)		IL EDE	KAL	9000	1100
Unit LetterB	. 80	00	. Feet i	From The F	NLLine	and 1485	F	et From The	FEL	Line
10	2617									
Section 13 Townsh	ip Z D N		Rang	WCs		ирм,	KIU A	RRIBA		County
III. DESIGNATION OF TRAN	SPORTE			ND NATU		··				
Name of Authorized Transporter of Oil		or Conden	sale	(X)			which approved			ens)
CONOCO  Name of Authorized Transporter of Casin	ghead Gas		or Dr	y Gas [X]			BLOOMF I			ent)
NORTHWEST PIPELINE COR	_	N		· Lea-						108-0899
If well produces oil or liquids,	Unit	Soc.	Twp.	Rge	is gas actually		When			
If this production is commingled with that	(mm any of	l	l	ive commin	ling order sum					
IV. COMPLETION DATA	11011, 411, 112	101	<b>,</b> ,,,	p - o consumi	ung order aum					
Designate Type of Completion	- (X)	Oil Well		Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'y
Date Spudded	Date Com	pl. Ready to	Prod.	·····	Total Depth		<u> </u>	P.B.T.D.	4	
Elevations (DF, RKB, RT, GR, etc.)	Name of I	roducing Fo	ormatic	ng.	Top Oil/Gas I	Pay		Tubing Dep	nth .	
Perforations	<u> </u>				<u> </u>			Depth Casi	nu Shoe	
		TUBING,	CAS	ING AND	CEMENTI	NG RECO	RD .			
HOLE SIZE	CA	SING & TU	JBING	SIZE	·	DEPTH SET	Γ	.	SACKS CEM	ENT
	<del> </del>				·					
	İ									
TO THE PARTY OF THE PARTY OF THE				<u></u>	<u></u>			.]		
V. TEST DATA AND REQUE OIL WELL (Test must be after 1					t he eavai to or	exceed top al	lowable for thi	s denth or be	for full 24 hou	as.)
Date First New Oil Run To Tank	Date of Te		3				sump, gas lift,		,,	
A STATE OF THE STA										
Length of Test	Tubing Pr	esante			Casing Pressu	ire		Choke Size		
Actual Prod. During Test	Oil - Bbls			<del></del>	Water - Bbis.			Gas- MCF		
GAS WELL					J			J		
Actual Fred. Test - MCF/D	Length of	lest			Bbls. Conden	sate/MMCF		Cravity of	Condensate	
					1				المنامط المعانسة	
Testing Method (pitot, back pr.)	Tubing Pn	essure (Shus	·in)		Casing Please	re (Shut-is)	•	Choke Size		
VI. OPERATOR CERTIFIC				NCE			NSERV.	ATION	חואופור	
I hereby certify that the rules and regule Division have been complied with and				ve			NOLI IV	AHON	DIVISIO	<i>)</i> (4
is true and complete to the best of my					Date	Approve	ad l	MAY 08	1989	
1 1 2/	at	. ,			Date	Holord	~~	\ ~/	1 /	
Signature · a law	y con	<u> </u>			By_		مده	$\mathcal{I}$	<u>un/</u>	
J. L. Hampton Si Printed Name	r. Staf		Title	-	Title		SUPERV	ision d	STRICT	# 3
Janaury 16, 1989	····	303-8	330-							

- 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.
- Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
   Separate Form C-104 must be filed for each pool in multiply completed wells.

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

10. 07 COPIES RECE!	AEO				
DISTRIBUTION					
BANTA FE					
FILE					
U.B.O.S.		Γ			
LAND OFFICE					
	OIL				
TRANSPORTER					
OPERATOR					
PRORATION OFFICE					

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

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

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



	AUTHO	RIZATION IC	IRANS	runi Uil	. ANU NAIU	·	שבני טב וש	
Operator Tenneco Oil Company	<del></del>						OIL CON.	DIV.
Address	<del></del>						DIST. 3	<u> </u>
P.O. Box 3249, Engley	vood, CO	80155						
Reason(s) for filing (Check proper box)					Other (Please o			
New Wetl Change in	Transporter of:	_					te transporte	
Recompletion U OII		∐ Day (	Gas		Gary En	ergy to Cond	co effective	12/1/87
Change in Ownership	nghead Gas	LXI Con	denaate	<del> </del>	<u> </u>	<del></del>		
f change of ownership give name address of previous owner							<del></del>	
L DESCRIPTION OF WELL AND							*	
Lease Name	Well No.	Pool Name, in		ation		Kind of Lease State, Federal or Fee		Lease No.
Jicarilla C	8A	Blanco	MV		·		Indian	*
Unit Letter B	800	Feet From Th	Nor	<u>rth</u>	Line and	1485	Feet From TheEa	st
Line of Section 13		OCH			T. I			
Line of Section 13	Township	26N		Range	5W	, NMPM,	<u>Rio Arriba</u>	County
III. DESIGNATION OF TRANSPOF	OTED OF OU	AND MATUR	AL CAE					
Name of Authorized Transporter of Oil Coor C		AND MAIDA	AL GAS	Address (G	ive address to wh	ich approved copy of this	form is to be sent)	
Conoco				P.0.	Box 460	Hobbs, NM	88240	
Name of Authorized Transporter of Casinghead	•	*		Address (G	we address to wh	ch approved copy of this	form is to be sent)	
Northwest Pipeline Co				P.O.	Box 90.	Farmington,	NM 87401	
Il well produces oil or liquids,	Unit Sec.	Twp.	Rge.		ally connected?	When		
give location of tanks.	<u> </u>	3 26N	<u>; 5W</u>	Yes	<del></del>			
If this production is commingled with that from ar	ny other lease or pool	, give commingling	order numbe	·	<del></del>		<del></del>	
NOTE: Complete Parts IV and V o	on reverse side	if necessar	v.					
			,-					- 400
VI. CERTIFICATE OF COMPLIAN	CE			ı	(	DIL CONSERVAT	TON DIVISIPAL (	. ก 2 198
hereby cartify that the rules and regulations of					VED		050	
with and that the information given is true and	complete to the bas	it of my knowledg	e and belisf.	BY _		5	1701	
	•			" -			Mr. Jan	E
() M:H	-,			TITLE	um in to be due to		SUPERVISOR DIS	THE WAY
	nature)			14		n compliance with RULE lowable for a newly drill	. 1104. ed or deepened well, this	form must be seen
Sr. Administrative An	alyst			panied by	a tabulation of the	e deviation tests taken	on the well in accordance	with RULE 111.
•	Title)						tely for allowable on new a	
11/20/87				or other s	only Section I, II, uch change of co	III, and VI for changes of ndition.	owner, well name and or r	umber, or transport
	Datej			Separat	le Forms C-104 m	ust be filed for each poo	ol in multiply completed w	elis.

	DISTRIBUTION	NEW MEXICO OIL C	ONSERVATION COMMISSION	<b>_</b> _
•	SANTA FE		FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and C-11
	FILE	]	AND	Effective 1-1-65
	U.S.G.S.	AUTHORIZATION TO TRA	INSPORT OIL AND NATURAL GA	16
	LAND OFFICE		THE PART OF THE PART OF THE OF	<b>.</b>
	IRANSPORTER OIL	]		
	GAS			
	OPERATOR	1		
1.	PROPATION OFFICE	1		
•	Operator			
	Tenneco Oil Compa	any		
	Address			
	P.O. Box 3249 E	nglewood, CO 80155		
	Reason(s) for filing (Check proper box		Other (Please explain)	
	New Well	Change in Transporter of:		
	Recompletion	Oil Dry Go		
	Change in Ownership	Casinghead Gas Conder	neate X	
	If change of ownership give name			
	and address of previous owner	·		
Ħ.	DESCRIPTION OF WELL AND	LEASE		
	Leose Name Jicarilla C	Well No. Pool Nome, including Fo	,	Dicari lia
		8A Blanco Mes	averde stete, Federal	or Foot 108
	Location B 800	91	1407	_
	Unit Letter_B ; OUU	Feet From The North Lin	e and 1485 Feet From Th	<u>East</u>
	13 700	makin 26N Bonca	EU DI A	•••
	Line of Section 13 Tov	waship ZON Range	5W , NMPM, Rio A	rr1ba County
			_	
Ш.	DESIGNATION OF TRANSPORT	FER OF OIL AND NATURAL GA	S Address (Give address to which approve	d come of this form is to he
	Gary Energy Corporation		4 Inverness Ct. East Eng	
	Name of Authorized Transporter of Cas		Address (Give address to which approve	
	l			
	Northwest Pipeline	Unit Sec. Twp. Rge.	P. O. Box 90 Farming	ton, N. M. 87401
	If well produces oil or liquids, give location of tanks.	B 13 26N 5W	1 11 :	
	dive location of tanks.	; D ; 13 ; 20N ; 5W	1 495	
	If this production is commingled with	th that from any other lease or pool,	give commingling order number:	<u> </u>
IV.	COMPLETION DATA	Oli Weil Gas Well	New Weil Workover Deepen	Div Book (Com Books   Dull Books
	Designate Type of Completion		Note with Markeyer Deepen	Plug Back   Same Resty. Diff. Resty.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	8878
	Date speaded	Date Compt. Recay to Proc.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	LIEVELLOSS (DF, RAB, R1, GR, 416.)	Name of Producting 1 Crimetion	1 100 On Odds Pay	Tubing Depth
	Perforations	<u> </u>	<u> </u>	Depth Casing Shoe
	- Per total total			Depth Cashing Silve
		TURING CASING AND	CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	H022 3:22			
			1 1	
•	TEST DATA AND REQUEST FO	OP ATTOWARTE Contract to a	fier recovery of total volume of load oil an	d must be sovel to as around too allow
٧.	OIL WELL	able for this de	pth or be for full 24 hours)	men an advant to as areast tab errors.
	Date First New Oil Run To Tanks	Date of Teet	Producing Method (Flow, pump, gas, lift,	PIN C ID
			न शास	1 V IS
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
			III III	1984
	Actual Prod. During Test	Oil-Bhie.	Water-Bble. OCT 1	Gas-MCF
			511 CO	u DIV.:
			OIL CO	<del></del>
	GAS WELL		DIST	[, 3
	Actual Prod. Test-MCF/D	Length of Teet	Bbls. Condensate/MACF	Gravity of Condensate
:		}	1	
	Testing Method (pitot, back pr.)	Tubing Pressure (#hmt;-12)	Cosing Pressure (Shut-in)	Choke Sise
VI.	CERTIFICATE OF COMPLIANO	CE	OIL CONSERVAT	ION COMMISSION
		_		_
	I hereby certify that the rules and r	eguistions of the Oil Conservation	APPROVEDNOV (	1 1984
	Commission have been compiled w	th and that the information given		
	above is true and complete to the	Dest of my Enowiedge and Delief.	Sraws	SUPERVISOR BUSTRICT
			TITLE	
			This form is to be filled in co	molloges with out & 1104
	Illati And	In march	er alla de a compact for attornal	his for a newly drilled or despend
	(Signal	MOMON	I well this form must be accompani	eq pa e tepristiou or the dearerron
	Administrative Sup		tests taken on the well in accords	ince with RULE 111.
	(Tu		All sections of this form must able on new and recompleted well	be filled out completely for allow-
	10/10/84	·	The section of the sections 7 17	TIT and Wi for changes of owner.
	(De	10)	well name or number, or transporter	or other such change of condition.

Fill out only Sections I, 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

#### road Larring .... SANTA FE REQUEST FOR ALLOWABLE Supersedes Old C-1 pe and C-11 Effective 1-1-65 AND FILE AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS U.S.G.S LAND OFFICE IRANSPORTER GAS API 30-039-21640 OPERATOR PRORATION OFFICE Tenneco Oil Company Address 720 So. Colorado Blvd., Denver, CO 80222 Reason(s) for filing (Check proper box) Other (Please explain) New Well Oil Castocheod Gas Condensate Change in Ownership If change of ownership give name and address of previous owner..... II. DESCRIPTION OF WELL AND LEASE | Well No.; Pool Name, Including Formation State, Federal or Fee Federal Jicarilla "C" 8-A Blanco Mesa Verde 09-000108 Location 800 Line and 1485 Unit Letter 5W Rio Arriba 13 26N Range Township NMPM Line of Section County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS | Name of Authorized Transporter of Oil | or Condensate | | | | Aidress (Give address to which approved copy of this form is to be sent) 1921 Bloomfield Blvd., Farmington, NM 87401 Address (Give address to which approved copy of this form is to be sent) Plateau Inc. e of Authorized Transporter of Casinghead Gas 🔝 💮 or Dry Gas 📑 Northwest Pipeline Inc. P.O. Box 1526, Salt Lake City, Utah 84110 of Dry Gas Name of Authorized Transporter of Cosinghead Gas F.ge. Is gas actually connected? Unit If well produces oil or liquids, give location of tanks. **ASAP** If this production is commingled with that from any other lease or pool, give commingling order numbers IV. COMPLETION DATA Oll Well Workover Designate Type of Completion - (X) χ Date Compl. Ready to Prod. Total Depth P.B.T.D. Dese Spudded 10-10-78 11-6-78 59161 5867' Name of Producing Formation Top O1/Gas Pay Tubing Depth Elevations (DF, RKB, RT, GR, etc.) Blanco Mesa Verde 5194 5836 6842 GL Depth Casing Shoe 5194' - 5214' and 5686' - 5706 5916 TUBING, CASING, AND CEMENTING RECORD CASING & TUBING SIZE DEPTH SET SACKS CEMENT HOLE SIZE 5/8" 32# 250 SX T2 3/4 4 1/2" 10.5# 1100 7 7/8 2 3/8 5836 (Test must be after recovery of total volume of load all and must be equal to or exceed top allow able for this depth or be for full 24 hours) V. TEST DATA AND REQUEST FOR ALLOWABLE Producing Method (Flow, pump, gas lift, etc.) Date of Test Date First New Oil Run To Tanks Coaing Pressure Tubing Pressure Length of Test Woter - Shis. Otto Bhla. Actual Prod. During Test GAS WELL Length of Test Bbis. Condensers/MMCI Actual Prod. Tool-MCF/D

AOF = 498724 hours Tubing Pressure (Shut-im) Cosing Pressure (Shut-12) Testing Method (pitot, back pr.) Back Pr. 800 psi 894 psi VI. CERTIFICATE OF COMPLIANCE OIL CONSERVATION COMMISSION

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.

Division Administrative Supervisor (Title)

(Date)

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

49 18 K

( D) #3

050 2 6 1978

If this is a request for allimit it for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accompanies with RULE 111.

All sections of this form  $m_*(e) \subseteq \mathrm{HH}(d)$  out completely for allowable on new and recompleted (w,H)

Fill out only Sections I. Il The and VI for changes of come all name or number, or transported that or such change of condition Separate Forms C-104 must be used for each pool in multip

completed wells.

APPROVED



# TABULATION OF DEVIATION TESTS TENNECO OIL COMPANY

DEP	TH		-	INCL	NATION
764'	120				
17641	1 <sub>2</sub> 0			•	
2432'	3/4 <sup>0</sup>	•			
3503'	3/4 <sup>0</sup>				
4074'	10			••	
4541'	10				•
5000'	10				
5670	31 <sup>0</sup>				

#### AFFIDAVIT

This is to certify that to the best of my knowledge, the above tabulation details the deviation test taken on Tenneco Oil Company's well: Jicarilla "C" 8-A, Unit B, Sec. 13, T26N, R5W, Rio Arriba County, New Mexico

Signed D.D. Myers
Agent for Tennero Oil Company

THE STATE OF COLORADO ) CITY AND COUNTY OF DENVER)

Before me, the undersigned authority, on this day, personally appeared,

Ny nown to me to be an Agent for Tenneco Oil

Company, and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that 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

Notary Public Asiachij

My Commission Expires:

for said County and State, this

UNITED STATES SUBMIT IN DUPLICATE. Form approved Budget Bureau No. 42-R355 K (See other in-DEPARTMENT OF THE INTERIOR structions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY 09-000108 6. IF INDIAN, ALLOTTER OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* Jicarilla, Dulce, NM 1a. TYPE OF WELL: WELL 7. UNIT AGREEMENT NAME Other L TYPE OF COMPLETION: WELL X PLUG DACK PIFF. S. PARM OR LEASE NAME Jicarilla "C" 2. NAME OF OFERATOR Tenneco Oil Company 9. WELL NO. 3. ADDRESS OF OPERATOR 8-A 10. FIELD AND POOL, OR WILDCAT 720 So. Colorado Blvd., Denver, CO 80222 Ideary and in accordance with any State requirements) ? Blanco Mesa Verde 11. SEC., T., E., M., OR BLOCK AND SUBVEY At top prod: interval reported below DED 2 9 10TA Sec. 13. T26N. R5W At total depth DATE ISSUED 14. PERMIT NO. 12. COURTY OF 13. STATE Šāñ"Juan 17. DATE CONFL. (Ready to prod.) 15. DATE SPEEDED 16. DATE T.D. REACHED 1 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF. BEB. RT. GR. ETC.)\* 6842 GL 11-06-78 10-20-78 10-10-78 23. INTERVALS
DBILLED BY 22. IF MULTIPLE COMPL., HOW MANY 21. PLUC, BACK T.D., MD & TYD 20. TOTAL DEPTH. MD & TVD BOTABT TOOLS 5867' 0 to T.D. -None 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, ECTION, NAME (MD AND TVD)" 25. WAS DIRECTIONAL SURVEY MADE Mesa Verde 5194 to 5214 and 5686 to 5706 3 8 4 7 26. TYPE ELECTRIC AND OTHER LOGS BUN 27. WAS WELL CORED = no C N/CD GR/CCL. IES/GR, CASING RECORD (Report all strings set in well) 28. CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 8 5/8" 32# 265' 12 3/4" 250 SX Class B None 5916' 7/8" 10.5% 1st stage: 100SX Lite, 150 SX Neat None A 1 nd Stage: 800 SX lite, 506X Neat None LINER RECORD 30 TUBING RECORD TOP (MD) BOTTOM (MD) SACES CEMENTS SCREIN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 5836' 2 3/8 None 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT. FRACTURE CEMENT SQUEEZE ETC. Blanco Mesa Verde DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL DEED 40 Holes from 5194' to 5214' 5194 to 5214 1270\_BBL\_water, 70,000#20-40 sand -- 40-holes from 56861 to 57061 5686 to 5706 1324 BBL water, 70,000#20-40 sand PRODUCTION 33.4 PRODUCTION METHOD (Flowing, goe lift, pumping-size and type of pump) DATE PIRST PRODUCTION WELL STATUS (Producing or Flowing Pending Hook-up SI CHOKE BIZE PROD'N. FOR TEST PERIOD DATE OF TEST BOURB TESTED GAS-MCF.

2x6x.75 0= 3358 11-20-78 24 hours FLOW. TURING PRESS. CASING PRESSURE GAS-MCF. 24-HOUR BATE 233 psi 568 psi 31. Dibrosition of GAS (Sold, used for fuel, vented, etc.) A0F=4987 In be sold 35 LIST OF ATTACEMENT Logs previously forwarded 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available record SIGNED COM

TITLE Div. Administrative Supv. DATE 12-14

# STRUCTIONS

or both, pursuant to applicable Pederal 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 provedures and practices, either are shown below or will be issued by, or may be obtained from, the local reductions on items 22 and 24, and 33, below regarding separate reports for separate completions. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. See instruction on items 22 and 24, and 33, below regarding separate of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached bereto, to the extent required by applicable Federal and/or State laws and regulations. All attached hereto, completion report and log on all types of lands and leases to either a Federal agency or a State agency. General: This form is designed for submitting a complete and correct well

Hem 4: If there are no applicable State regulrements, locations on Rederal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth mensurements given in other spaces on this form and in man attachments. Hems 22 and 24: If this well is completed for separate production from note than one interval zone (multiple completion), so state in item 22, and in hem 24 show the production for only the interval control is separate report (page) on this form, adequately identified, for each additional data pertinent to such interval. Hems 29: "Narks (therest supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Hem 39: "Narks (theref": Altached supplemental records for this well showld show the details of any multiple stage cementing and the location of the cementing tool. or Federal office for specific instructions.

31. SUMMARY OF POROUS ZONES: Effor all impurtant zones of deptif indraval tested, (The	OUS ZONES: TANT ZONES OF PO TESTED, CTRHOOS	HORITT AND CONTENT	MARIE OP PORCOTS KONESS. Heide all important egnem of porcostta and contents thereof; cord interpals; and all different terts, incliding Heith interval terted, cithical card, time tool open, ploving and bildten presegures, and recovenies	38. GEOLOG	GEOLOGIC MARKERS	
FURNIATION	Tor	MOTTON	DESCRIPTION, CONTENTH, ETC.		ř	101
				MAND	MEAS. DEPTH	E VERT DE
				-	-	
Fruitland	3130	3472				
	• !	25.50				
pictured Cilis 34/2	S 34 /2:	2000				
Cliffhouse	5110	5249		· 61 .		
Menefee	5249	5683		same		
-	. !	<b>i</b>				
Point Lookout	5683	2.		1. 3	• -	
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR	5. LEASE 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla, Dulce, NM 8.25
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(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.)	8. FARM OR LEASE NAME
1. oil gas other	Jicarilla 발문 등 요즘는  9. WELL NO. 물론으로 등 등론
2. NAME OF OPERATOR	8-A 8488 5 584
Tenneco Oil Company	10. FIELD OR WILDCAT NAME. 급설명 Blanco Mesa Verde 본 기를
3. ADDRESS OF OPERATOR 720 S. Colorado Blvd., Denver, CO 80222	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA # # # # # # # # # # # # # # # # # # #
below.) AT SURFACE: 800' FNL and 1485 FEL, Unit B	Sec 13, T.26N, R.5W
AT SURFACE: OUT FILE ONE 1405 FEL, UNITED AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH   13. STATE   日本
AT TOTAL DEPTH:	14. API NO. 46 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	<u> </u>
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	<u> </u>
TEST WATER SHUT-OFF	Treport Logoral Property of Pr
FRACTURE TREAT \( \) \(	The property of the property o
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	dhange on Form 0_330 )
MULTIPLE COMPLETE	A : defininge on Form 9–330.05 in a Color on Col
ABANDON*	istrika istrika in edit benish huoda in ithi mathin oditori oditori oditori
(other)	eaciditurilead acciditured llaw adgaces to be deman sett but on to deman sett but on the best inside the best
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	
including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	rectionally drilled, give subsurface locations and
11-3-78 to 11-9-78	A.O.F. M
11-3-70 to 11-3-70	moli: b. bn no.xd no.xd ds to self- self- morer
INJECTED N2 DWN TBG @ 1700 SCF / MIN. WELL	UNLOADING REVERSED CIRCULATION. WELL
UNLOADING N2 & BROKEN FOAM UP TBG. WELL UNLO	ADING ITSELF AFTER 80 MIN. CSG
PRESS STABILIZED @ 750#. 15 MIN LATER CONTINU	OUS 1-15' FLARE IGNITED WELL UNLOADED
	BEGAN INJ N2 DWN CSG. NO SIGNIFICANT
INCREASE IN GAS FLOW. WATER STOPPED. SC W/TBG. RECOVERED APPROX 150 BW. ESTIM. 4650 B	TO/5 CSG PRESS GAS STILL FLOWING UP
RU SWAB UNIT. MADE 3 RUNS. WELL UNLOADED LA	
IS 950#. WELL BLOWING TO PIT. HEAVY MIST. F	
PRESS @ 475#.	<b>₹</b> ₹₹₹₹
/ (	
	<b>``</b> ``
Subsurface Safety Valve: Manu. and Type	5 t @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED COME THE DIV. Admin. Supe	rvisque 115-78
(This space for Federal or State offi	ce use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	DATE Control of the c
	# 1
	thought the state of the state

# UNITED STATES

UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE 09-000108 5 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla, Dulce, NM
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.)	7. UNIT AGREEMENT NAME
1. oil gas (対 other	Jicarilla "C"
2. NAME OF OPERATOR Tenneco Oil Company	<u>8-A 월등병과 중 영화</u> 의
3. ADDRESS OF OPERATOR 720 S. Colorado Blvd., Denver, CO 80222	10. FIELD OR WILDCAT NAME Blanco Mesa Verde 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 800' FNL and 1485 FEL, Unit B AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	Sec 13, T 26N, R 5W = 3 5 12. COUNTY OR PARISH Rio Arriba NM
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	14. API NO.
WHEN ACID HIT FORMATION  PUMPED 1000 BBL WATER PAD. FRACED W/1324' BB ATR: 60 BBLS/MIN. ATP: 2000#. PRESS BLED SI WELL W/880# PRESS ON CSG.	(NOTE: Report results of multiple completion or zone change on Form 9-330.) It is not by the second of the second
18. I hereto certify that the foregoing is true and correct	
SIGNED LINEN TO THE DIV. Admin. Sup	
(This space for Federal or State of APPROVED BY	DATE
	The control of the co

Form 9-331 Dec. 1973

Form Approved. Budget Bureau No. 42-R1424

5. LEASE

UNITED STATES							
DEPARTMENT	OF	THE	INTERIOR				
GEOLOGICAL SURVEY							

DEPARTMENT OF THE INTERIOR	09-000108
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(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.)	#A.7.3 (2) (2)
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas other	Jicarilla "C"
WC// WC// OX//OX	9. WELL NO.
2. NAME OF OPERATOR	8-A
Tenneco Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Blanco Mesa Verde
720 S. Colorado Blvd., Denver, CO 80222	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA SAMES SAMES SECTION OF SECTI
below.) AT SURFACE: 800' FNL and 1485 FEL, Unit B	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Rio Arriba - Rio N.M. R. S. S. S. S. S. S. S. S. S. S. S. S. S.
AT TOTAL DEPTH:	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6842' GL 19 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	2017
TEST WATER SHUT-OFF	ingar ben research of the edge
FRACTURE TREAT	<b>보</b> 2년 일 등 2년(4년 등
SHOOT OR ACIDIZE	TALE SEE SEE SEE
PULL OR ALTER CASING TO TO THE PULL OF ALTER CASING TO THE	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
MULTIPLE COMPLETE	그는 그 경우부터 등 불록했다. 방
CHANGE ZONES   ABANDON*	1073 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	CT3
(other)	
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 di measured and true vertical depths for all markers and zones pertinen	rectionally drilled, give subsurface locations and
10-27-78 to 10-29-78	t to this work.)*
DRLD OUT DV TOOL @ 4103' AND CIRCULATED OUT CMT	STRINGER, DRILLING MUD AND OST CIR-
CULATION MTL TO 5880'. DRLD CMT TO 5882 AND CIRC	
FRESH WATER AND RAN LOGS. CMT BOND OK. SPOTTED 3	
5706'. PERFED 5686' TO 5706' W/2 JSPF. BEGAN PU	
PRESS: 1800#. FRAC W/1270 BBLS WATER AND 70,000#	
ATR: 63 BBLS / MIN. ATP: 2200 PSI. FLUSHED W/ 6	
SAND AND SAND PLUG: TOP OF SAND PLUG CALC TO BE	
3000 PSI, NO LEAKAGE	
/	
18	<b>}</b> /\\
	182 COM
<i>\</i>	NOV 24. 3
Subsurface Safety Valve: Many and Type	), Co. 4.
Subsurface Safety Valve: Manu. and Type	Olv Dl3 Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED Div. Administr	ative 15-78
Supervisor	
(This space for Federal or State offi	се use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	

Oct married,	A Property Company of the Company of	1
GEOLOGICA	AL SURVEY	09-000108
SUNDRY NOTICES AND	to despen or jone back to a different reservate	Jicarilla, Dulce N.M.
I		7. UNIT AURENMENT RAME
WELL WELL OTHER		
Tenneco Oil Company		M. PARM OR LEASE NAME
3. ABURESS OF GREATOR		Jicarilla "C"
720 So. Colorado Blvd., Denver,	Colorado 80222	8-A
4. Logation or well (Report location clearly and in a see also space 17 below.)	coordance with any State requirements.	10. FIELD AND IDOL, OF WHILETAT
800 • FNL and 1485	FFI Unit P	Blanco Mesa Verde
The did Troo	rec, on t	11. SEE, T. R. M. OR BLK. AND STRACK OF AREA /3
		Sec 18, T26N, R5W
14. PREMIT NO.	NS (Show whether DT, MT, CK, etc.) 6842 GL	Rio Arriba NM
	ox To Indicate Nature of Notice, Repor	t, or Other Data
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:
THEST WATER SHUT-OFF PULL OR ALTER	-      ····························	X REFAIRING WELL
FRACTURE TREAT MULTIPLE CONF		
EIPAIR WELL CHANGE FLANS	SHOOTING OR ACIDIZE	NG ANANDONNENT
(Other)	(Note: Report	results of multiple completion on Well Recompletion Report and Log form.)
<ol> <li>DESCRIBE PROPOSED OF COMPLETED OFFICETORS (Cherry proposed work. If well is directionally drilled, gnent to this work.)</li> </ol>	ris winter all territories details and to the	
SX LITE FOLLOWED W/50 SX	BJ LITE FOLLOWED W/150 SX NEAT N DV TOOL & CIRC WOC 4 HRS. C X NEAT. P-D 3:47 A.M. 10/22/78 OUGHOUT. SET SLIPS. REL RIG.	
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		OIL DIST. 3
is. I hereby certify that the juregolog is the and fort	rect.	
SIGNED Chally Marken	A TITLE: Administrative Superv	visor DATE 10/26/78
(This space for Pederal or State office use)	1	POPRIE
APPROVED BY	TITLE	PEGELVED
COMPTIONS OF APPROVAL, IF ART:	-	
••		NOV 1 1978

\*See Instructions on Reverse Side - U. S. GFOLOGICAL SURVEY LEGIZARDO, COLO.

		Note that the second	and the second			
DEP.	UNITED STA ARTMENT OF TI GEOLOGICAL	HE INTERIO	B 1841 (18 19 19 19 19 19 19 19 19 19 19 19 19 19	(	100000 LOUGH AND THE LEVEL BESTEATH AND KIEFE	R1424. L No.
the and use this form for	NOTICES AND I	REPORTS OF	L to a different reservoi		Jicarilla, Dulce	NAME
1. CIL CAS WELL A	FIDER				U.II.	
Tenneco Oil Compar	ıy			8.	Jicarilla "C"	
3. ADDRESS OF OPERATOR				y.	WELL NO. 8-A	<del>-</del>
720 So. Colorado B  4. Logarios or well (Report los Sec also space 17 below.) At surface	ration clearly and in acco	rdance with any St			Tanco Mesa Verde	
800_ • 8	NL and <u>1485</u> FE	EL, Unit <u>B</u>	<del></del>	11	SURVEY OR AMEA	
				S	ec 13, T26N, R5W	•
14. PERMIT NO.	15. ELEVATIONS	(Show whether BF. # 6842' (		13	Rio Arriba N.M.	E
1G. Che	ck Appropriate Box	To Indicate Na	ture of Notice, Repo	ort, or Othe	er Data	
NOTICE O	F INTENTION TO:			SUMSEQUENT	REPORT OF:	_
TEST WATER SHUT-OFF	PULL OR ALTER CA MULTIPLE COMPLE		WATER SHUT-OFF FRACTURE TRUATME	X X	REPAIRING WELL ALTERING CASING	-
KNING OF VCIDISE	ABANDON*		SHOUTING OR ACIDI	· ;;	ABANDONNENT*	_
COTHER)	CHANGE PLANS		(Other)	rt results of	multiple completion on Well	
17 ASSESSED PROPOSED OF COMPLE	TED OPERATIONS (Clearly directionally drilled, give	state all pertinent subsurface location	details, and sive terting	or dates inc	n Report and Log form.) uding estimated date of starti pths for all markers and zone	s berg of su)
10-10-78			•			
RAN 7 JTS 8	3/4" HOLE ON 10- 5/8", 32" CSG. 10-12-78. CIRC	SFT 0265'	CMT W/ 250 CV	CL B.		
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	.•					
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•	•					
٠.					007.04.1978	
•		· ·			OCT 24 1978 OIL CON. COM.	-
					DIST. 3	
SIGNED Sapelf	Talker		nistrative Supe	rvisor	DATE 10/17/7	9
(This space for Federal or S	tate office use)	<del></del>			3EIVE III	<b></b>
APPROVED BYCONINTIONS OF APPROVA	L, IF ANT:	. TITLE	· ·	<u></u>	T 2 3 1978	<del></del>
•				UU	1 40 1010	

SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES

DEPARTMENT OF THE INTERIOR						5. LEASE DESIGNATION	AND SERIAL NO.
GEOLOGICAL SURVEY						09-000108	
APPLICAT	ON FOR PE	RMIT TO DRILL, I	DEEPEN OR	PI LIG RA	ACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
1a. TYPE OF WORK	DRILL 😡	DEEPEN (	_	LUG BAC		Jicarilla, [	
b. TYPE OF WELL OIL WELL	b. TYPE OF WELL OIL GAS (V) SINGLE MULTIPLE						MB.
2. NAME OF OPERATO  Tenneco	Oil Company	•				Jicarilla "(	***
3. ADDRESS OF OPER						8A	
		vd., Denver, Col				10. FIELD AND POOL,	
4. LOCATION OF WELL At surface	• -	learly and in accordance with IL and 1,485' FEL		nents.*)		Blanco Mesa 11. sec., T., B., M., OR AND SURVEY OR A	BLK.
At proposed prod		,	Unit	В		Sec. 13, T26N	
		face Use Plan	T OFFICE*			12. COUNTY OR PARISI Rio Arriba	New Mexico
15. DISTANCE FROM LOCATION TO NE PROPERTY OS LE (Also to neares	AREST	ny)	16. No. OF ACRES 1	IN LEASE		of acres assigned his well / 320	/
18. DISTANCE FROM TO NEAREST WE		· · · · · · · · · · · · · · · · · · ·	19. PROPOSED DEPT +5,910'	Я	20. ROTA	RY OR CABLE TOOLS	
21. ELEVATIONS (Sho	w whether DF, RT, G	•				22. APPROX. DATE W May 31, 19	
23.		PROPOSED CASI	NG AND CEMENTI	NG PROGRA	M.		
SIZE OF HOLE	SIZE OF C	ASING WEIGHT PER F	OOT SETTING	G DEPTH		QUANTITY OF CEMI	INT
12-1/4"	8-5/8	24 1b.	+ 250'	1	Suff	. to circ. bac	k to surface
7-7/8"	4-1/2	' 10.5 lb.	+5,910	) '	Suff	. to cement to	surface csg.
						·	<del>_</del>

See attached sheet for drilling program.



IN ABOVE SPACE DESCRIBE PROPOSED PROCEAM: If propose zone. Off proposal is to drill or deepen directionally, gipreventer program, if any.	at in to deeben or bing pack, give data on blesent l	
24.	TITLE Division Production M	anager DATE 2-2-78
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY	TITLE	TAD 8 1973

\*See Instructions On Reverse Side

Ola( NSL-R-3202

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## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

					Doundaries of			I Wall his
Operator	Company	,	L	ease Jinaa	411a: BO#			Well No.
Tenneco Oil	Section Section	Township	<del></del>	Pange	rilla "C"	County	<del></del>	] UA
В	13	26N		5W	-	-,	Arriba	* *
Actual Footage Loc								
800	feet from the	North	line and	1485	feet	from the	East	line
Ground Level Elev.	i i	rmation	Po	ool		~		Dedicated Acreage:
6842	Mesa Va	rde		Mesa	Verde		• •	320.00 N/2 Acres
1. Outline th	ne acreage dedica	ited to the su	bject well	by color	red pencil or	hachure	marks on t	he plat below.
	han one lease is nd royalty).	dedicated to	the well, o	outline e	ach and ide	ntify the	ownership (	thereof (both as to working
	an one lease of d				to the well,	have the	interests o	of all owners been consoli-
XX Yes	☐ No If a	nswer is "yes	type of c	onsolid:	ation Joir	it Opera	ating Agr	reement
	is "no," list the			_				lated. (Use reverse side of
	if necessary.) ble will be assion	ed to the11	notil all ·	tere-	have L	020-1:1	-A /L	nmunitizatio
								mmunitization, unitization, n approved by the Commis-
						ELECTRONICAL .	<del></del>	CERTIFICATION
The second second						1		CERTIFICATION
	i		-	9001			I hereku	certify that the information can-
	1	1		ಶ  ¦			1	erein is true and complete to the
11	1			· 6	11,85			my knowledge and belief.
	1			i				
H	1			i	-		Name	1100
111	<del> </del>	<del> </del> -		1-		· —	Tin	1 / Hack
	1			· 1	•		Position	, , , , , , , , , , , , , , , , , , , ,
0	<u> </u>			. !		H		uction Analyst
	ļ 1			. 1			Company	000 OFF C
	1			i	•	. 6	Tenne	eco Oil Company
	İ			1		av-	1/26	/78
		Sec -		200	e de la company		1,50	
	1		13	1				- 
11	4				err jaar 'n de	en i		y certify that the well location .
	!			1		_	1	n this plat was plotted from field
<b>                                     </b>	1			I	The state of the s		1	f actual surveys made by me or
	i			1		N	1	y supervision, and that the same and correct to the best of my
	i			Y		37 21	<b>N</b> I	ge and belief.
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} }	1			N	The Fig.	४ <i>%</i> ।	Date Surve	eyed -
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Jicarilla "C" No. 8A

1. The geologic name of this surface formation is San Jose Eocene..

#### 2. Formation Tops (estimated):

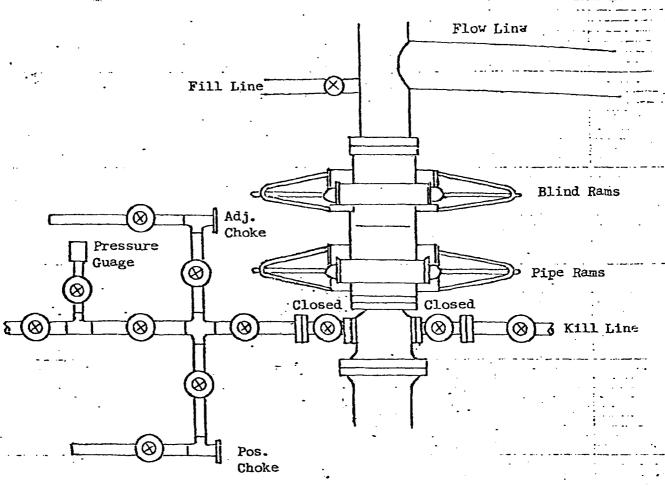
3. Water, Oil, Gas or Minerals:

Fruitland Pictured Cliffs	± 2735 ± 3465 •	Possible Oil or Gas Producer Possible Oil or Gas Producer
Lewis Shale Chacra	3565 4230 4	
Cliffhouse_	± 5100°	Possible Oil or Gas Producer
Menefee	<u>†</u> 5225†	Possible Oil or Gas Producer
Point Lookout Mancos.Shale	+ 5565 + +TD=5910 +	Possible Oil or Gas Producer
Gallup - Sunostee	<ul><li>Not Applicable</li><li>Not Applicable</li></ul>	Possible Oil or Gas Producer

- 4. Run 8-5/8" OD, K-55 new casing to ±250' and circulate cement to surface. Run 4-1/2" OD, 10.5#, K-55 new casing to TD and cement in two stages with 65/35 pos. mix with 12-1/2 lb/sack gilsonite, tailing in with Class B cement with 2% CaCl<sub>2</sub>. Circulate 4 hours between stages. Casinghead will be a 10" 900 series w/a 3000 psi. rating.
- 5. Blowout preventors: Hydraulic, double ram, 10". One set of rams will be provided for each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2" with variable choke. BOP's will be installed, tested and in working order before drilling below surface casing and shall be maintained ready for use until drilling operations are completed. BOE will be checked every 24 hours and recorded in drillers logs.
- 6. We will use: spud mud from 9 ±250'; Gel chemical w/low solids as needed to maintain good hole conditions from 250' TD. Quantities of mud will vary with conditions encountered.

#### 7. Auxiliary Equipment

- a. Kelly cock will be in use at all times.
- b. Stabbing valve to fit drill pipe will be present on floor at all times.
- c. Mud monitoring will be visual, no abnormal pressures are anticipated in this area.
- 8. An AOF test will be taken at the completion of this well. No cores will be taken. Gamma Ray Density and Compensated Neutron logs will be run. Any other evaluation that may be necessary during the drilling of this well will be conducted as needed. Deviation surveys will be taken.
- 9. No abnormal pressures or temperatures are anticipated. See point #5 for blowout prevention equipment.
- 10. The drilling of this well will take approximately fifteen days. The gas is contracted to Northwest Pipeline Company. See item 22 on 9-331-C for anticipated starting date.
- 11. Your office (Telephone 303/247-5144) will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.



-All valves 2"

Tall BOPs, flanges, spools, Tvalves, & lines must be series 900 or 3000 psi working press.

Choke manifold must be at ground level and extended out from under substructure.

TENNECO OLL COMPANY

REQUIRED MINIMUM BLOWOUT PREVENTOR

HOOKUP

Denver, Colorado ....

#### Juni ALL Blue I LAIR Jicarilla C Well No. 8A

#### 1. Existing Roads:

See surveyors plat for actual staking.

The well site is located approximately 12 miles S of Dulce, N.M. on highway 17. Continue 25 miles S on highway 537. Turn West at Counting Pens for 4-1/2 miles. NW just before Las Norias windmill. Take righthand fork 2-1/4 miles to wellsite.

See Exhibit "B" for access roads.

d. Not applicable. This is not an exploratory well.

f. Existing roads maintenance or improvement (will not) be necessary.

#### 2. Planned Access Roads:

See Exhibit "B".

Width = 14'; maximum grade =  $5^{\circ}$ ; Length =  $1000^{\circ}$ .

No turnouts.

Drainage = Water bars on any slopes and or road to prevent erosion. d.

Road will be cut into any arroyos and sloped across the bottom to maintain normal drainage. No major cuts or fills are necessitated. No culverts.

Road (will, will not) be surfaced.

No gates or cattle guards are needed. .

h. Road is center line flagged.

#### Location of Existing Wells.

a. See Exhibits "B" and "C" for well locations.

No water wells could be located within one mile of this well.

#### Location of Existing and/or Proposed Facilities.

See Exhibit "A". Lines are buried.

This is expected to be a dry gas well. If condensate is encountered, a 300 bbl steel tank painted per BIA to match the surrounding area, will be set on a gravel base near the well as shown on Exhibit "A". A dirt bank will be erected around the tank to contain any spills. The possible spill area will be fenced.

c. If well is productive, pits will be backfilled, leveled and reseeded to BIA specifications as soon as practical to original condition.

location and type of Water Supply

a. Water will be hauled from the waterwells in this area

b. Trucks will be used to haul water. No new roads will be necessary.

c. No water well will be drilled.

#### Source of Construction Materials.

a. No construction materials will be used. Surface soil will be stockpiled.

b. We will not be getting any construction materials from Federal or Indian lands.

No construction materials will be used.

No access roads for construction materials will be needed.

#### 7. Methods for Handling Waste Disposal.

Cuttings will be disposed of in the reserve pit.

bac. Drilling fluids and produced water will be collected in the reserve pit and hauled away to an approved disposal system or a separate disposal application will be submitted. Any produced oil will be run to the tank (see 4:8)

d&e. All detrimental waste will be hauled away, burned or buried with a minimum . cover of 24" of dirt. Trash pit will be fenced with small mesh wire.

f. After the rig moves out, See 4:C. If unproductive, a dry hole marker will be installed and all pits will be filled, leveled and entire location reseeded to BLM specifications. Roads will be leveled and reseeded.

Ancillary Facilities.

a. No camps or airstrips will be needed in the drilling of this well

Well Site Layout.

See Exhibit "A".

b. Pits will be unlined.

Plans for Restoration of Surface. 10.

See 4:C and 7:A-F.

See 7:A-F or per BIA specifications for that area.

Prior to rig release, pits will be fenced and so maintained until clean up.

d. If any oil is on the pit, it will be removed or overhead flagged.

Rehabilitation operations will be done during the best weather conditions to promote regrowth in area. All seeding will take place between July 1 and Sept. 15.

Other information. 11.

Site is located in rolling terrain broken by shallow gullies. Vegetation consists of scattered juniper, pinion, rabbitbrush, sagebrush, narrow leaf yucca, snakeweed b. The surface is used for grazing.

No open water, occupied dwellings, archeological, historical, or cultural sites are located within & mile of this site.

Operator's Representative.

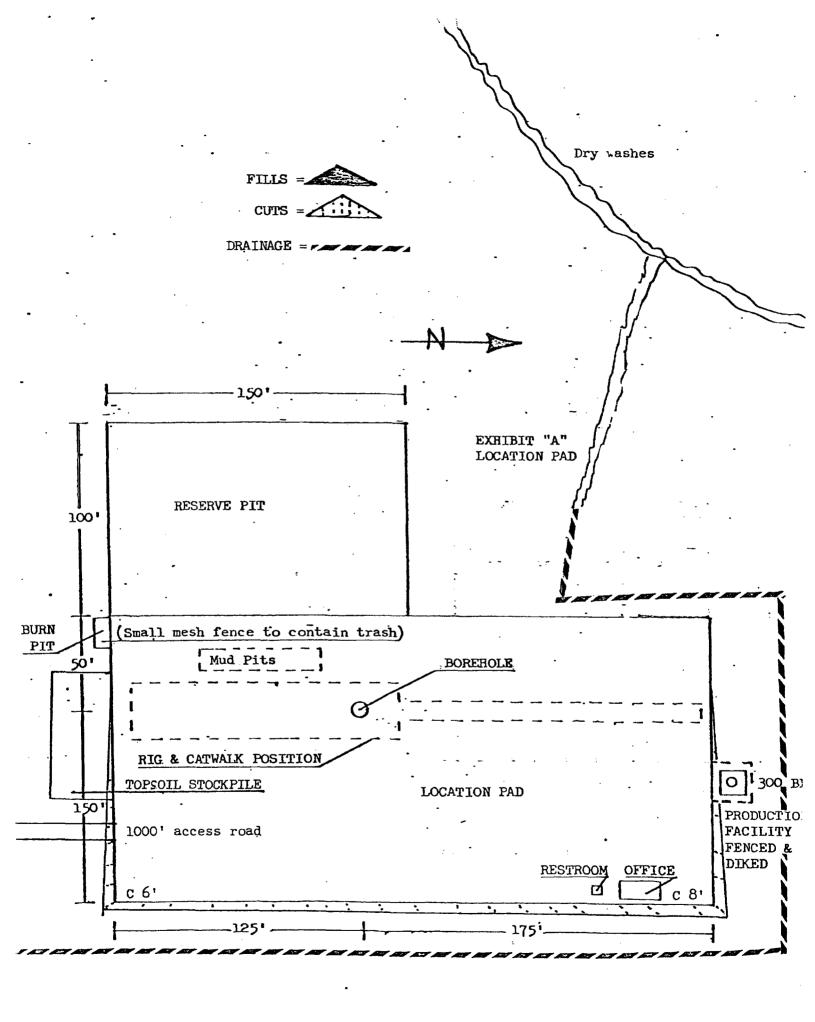
a. Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows: Donald Barnes, 720 South Colorado Boulevard, Denver, Colorado 8022 Office = 303/758-7130 ext. 212.

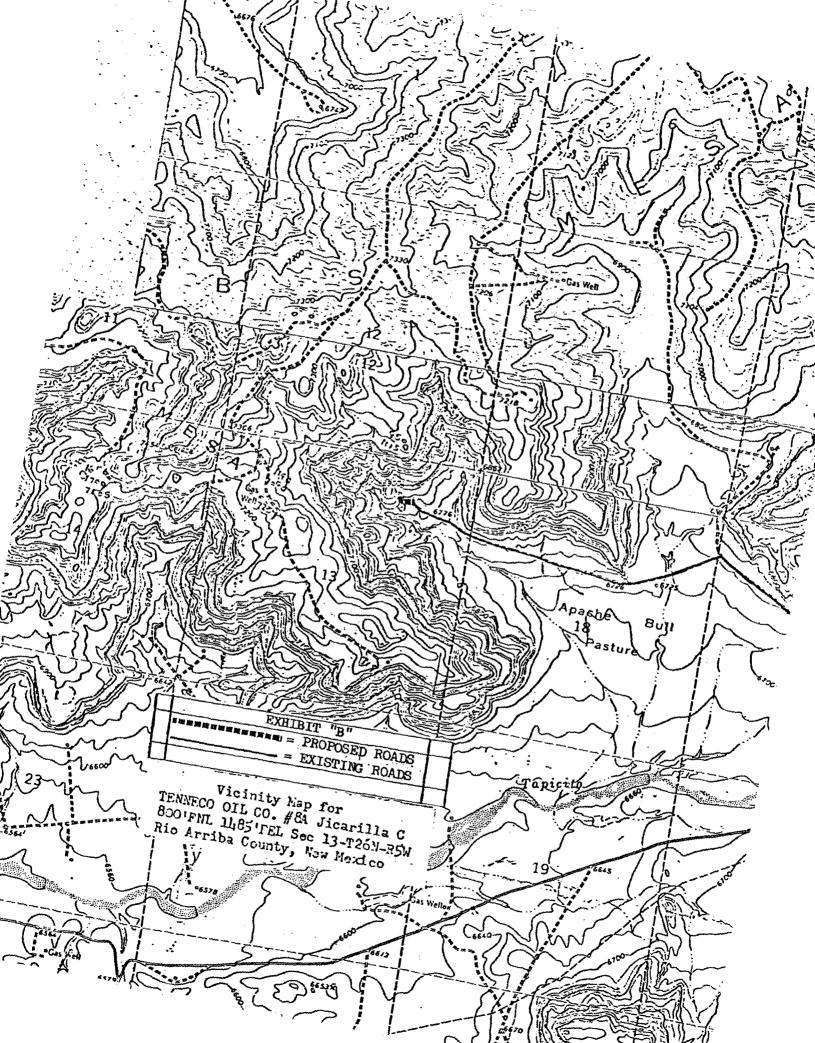
Certification. 13.

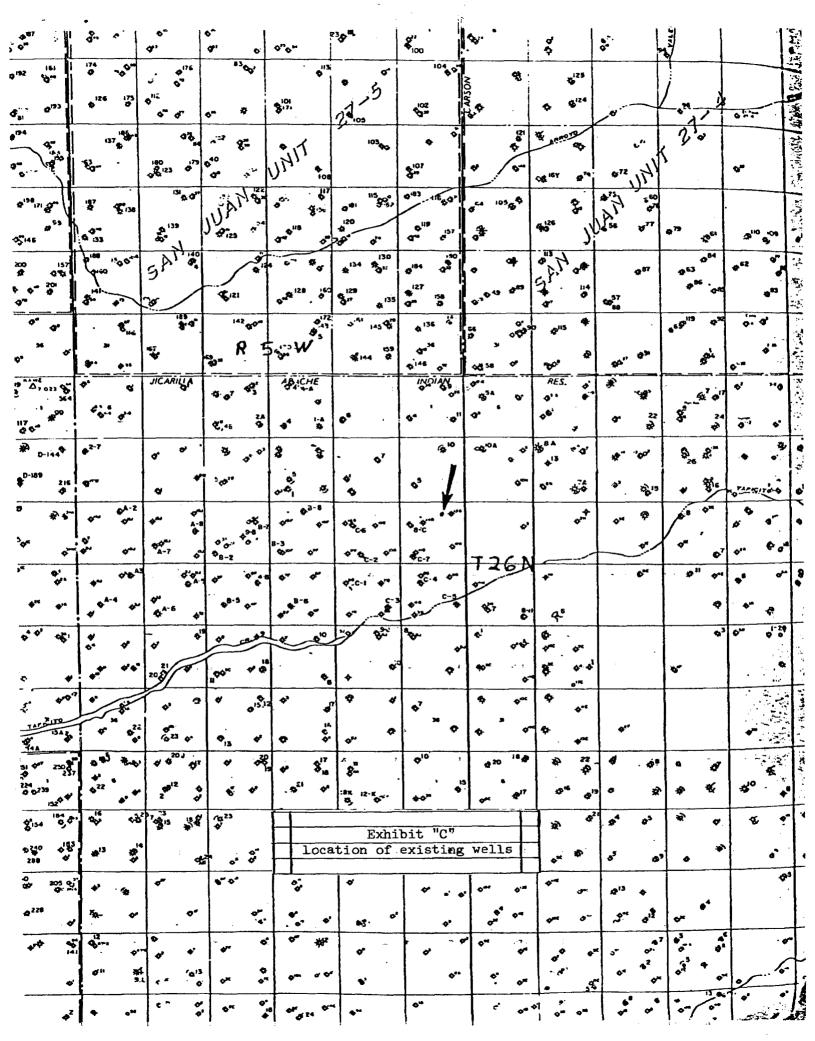
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

3/3/78

Donald S. Barnes Division Drilling Engineer







Page: 1 Document Name: untitled

CMD: ONGARD

OG6IWCM INQUIRE WELL COMPLETIONS 08/03/04 11:20:30 OGOMES -TQEY

API Well No : 30 39 22577 Eff Date : 01-01-2004 WC Status : A

OGRID Idn Pool Idn 222374 CDX RIO, LLC 71599 BASIN DAKOTA (PRORATED GAS)

Prop Idn 33461 JICARILLA C

Well No 008E

GL Elevation: 6793

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

13 26N ------05W 1 1 1 1 FTG 1020 F N FTG 870 F ഥ ש

Dedicated Acre: 320.00 Lot Identifier: B.H. Locn

Lease Type

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O):

E6317: No more recs. for this api well no.

PF01 PF07 HELP PF08 PF02 PF09 PF03 EXIT PF04 GoTo PF10 NEXT-WC PF11 HISTORY PF12 NXTREC PF05 PF06

E0005: PF01 HELP P			Prop Idn : Spacing Unit : Sect/Twp/Rng : Dedicated Land:	API Well No Pool Idn	CMD : OG6ACRE
: Enter data PF02 PF08 FWD			33461 31926 13 26N	: 30 39 22 : 71599 BAS	
to modify PF03 EXIT PF09	A 13 B 13 C 13 D 13 E 13 F 13 H 13	U/L Sec	OCD Order : 05W Acreage		ONGARD C102-DEDICATE
or PF ke PF04 PF10	26N 05W 26N 05W 26N 05W 26N 05W 26N 05W 26N 05W 26N 05W 26N 05W	Twp Rng A	: 320.00	Date : (PRORAT	
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PF06 CONFIRM EC PF12 RECONF		ership Lot Idn	well NO: 008E ous Dedication: .02? (Y/N) :		08/03/04 11:20:35 OGOMES -TQEY Page No : 1
7			α t	ó I	:35 )EY

OG6IPRD CMD : INQUIRE PRODUCTION BY POOL/WELL ONGARD 08/03/04 11:20:42 Page No: 1 OGOMES -TQEY

Pool Identifier OGRID Identifier 71599 BASIN DAKOTA (PRORATED GAS) 778 BP AMERICA PRODUCTION COMPANY

API Well No 30 39 22577 Report Period - From : 01 2002 To : 06 2004

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		 	Oil	on Volumes
		       	Water	 
<u>ب</u> س	נדי נד	円     	Stat	Well

Reporting Period Total (Gas, Oil) : 428

M0025: Enter PF keys to scroll

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District 1
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

Submit to appropriate District Office

Form C-104A

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

#### **Change of Operator**

Previous Operator Information:		New Operator Information:						
		Effective Date:	January 1, 2004					
OGRID:	000778	New Ogrid:	222374					
Name:	BP America Production Company	New Name:	CDX Rio, LLC					
Address:	P.O. Bxo 3092	Address:	4801 N. Butler Ave. #2000					
Address:		Address: _						
City, State, Zip:	Houston, TX 77253-3092	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 his form and the attached list of wells is true and complete to the best of my knowledge and belief.  Signature:  Printed name: Enid Grubb Ronald D. Johnston  Title: Production Accounting Spec. Operations Manager  Date: 1/12/04 Phone: 505-325-4007								
Previous operato	or complete below:	7	MOCD Approval					
Previous Operator:	BP America Production Company	Signature:	728					
Previous OGRID:	000778	S Printed Name:	UPERVISOR DISTRICT #3					
Signature:	Cherry Alono	District:						
Printed Name:	Cherry Hlava	/ 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

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

Form C-104B

March 19, 2001

#### **Change of Operator Name**

OGRID: Effective Date:	:	01			
Previous O	perator Name and Info	ormation:	New (	Operațo	r Name and Information:
Address Address	: Amoco Production : P.O. Box 30 : Houston, Texas	092	Addi Addi	ress:	P America Production Company P.O. Box 3092  Houston, Texas 77253
Signature: _ Printed name: _ Title: _	mat the rules of the Oil Conattached list of wells is the Mary Corley  Senior Regulatory Speci  12/10/2001 Phone:	ialist	to the best of m		with and that the information given on dge and belief.
		Printed	gnature:	SUPER	DApproval VISOR DISTRICT #3  JAN 2 2 2902
			Date:		

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR	FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000		
BUREAU OF LAND MANGEMENT	5. Lease Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS S. Do not use this form for proposals to drill or to re-enter an 200	Contract 108		
Abandoned well. Use Form 3160-3 (APD) for such proposals.	6. If Indian, Allottee or tribe Name		
100 100 100 100 100 100 100 100 100 100	JICARILLA		
SUBMIT IN TRIPLICATE - Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.		
i. Type of Well  Gas Well Other	8. Well Name and No.  Jicarilla Contr 108 C 8E		
2. Name of Operator	9. API Well No.		
BP AMERICA PRODUCTION COMPANY	30-039-22577		
3a. Address       3b. Phone No. (include area code)         P.O. BOX 3092 HOUSTON, TX 77253       281-366-4081	10. Field and Pool, or Exploratory Area  Basin Dakota		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 13 T26N R05W NENE 1020' FNL & 870' FEL	11. County or Parish, State RIO ARRIBA, NM		
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NO	TICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE OF	ACTION		
Acidize Deepen Q Pr	roduction (Start/Resume) Water shut-Off		
Mr Notice of Intent	eclamation Well Integrity		
	ecomplete Other		
Di Saharawa Barani			
Change Plans Plug and Abandon V	Water Disposal T&A		
Final Abandonment Notice Convert to Injection Plug Back			
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated startin. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and me. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLN following completion of the involved operations. If the operation results in a multiple completion or a testing has been completed. Final Abandonment Notices shall be filed only after all requirements, in determined that the site is ready for final inspection.	asured and true vertical depths of all pertinent markers and zones. MBIA. Required subsequent reports shall be filed within 30 days recompletion in a new interval, a Form 3160-4 shall be filed once		
Please reference demand letter dated June 27, 2003.			
BP America Production Co. respectfully requests permission for temporary a rehabilitation of the Dakota or for SWD conversion. T&A scheduled to Please see the attached T&A procedure.			
14. I hereby certify that the foregoing is true an dcorrect  Name (Printed/typed)	03 A!		
CHERRY HLAVA Title REGULA	TORY ANALYST		
Signature Cours Mara Date 8/15/03			
FILE THIS PAGE CORTECTION ORS DATE.	ORF (GPUSE)		
Approved by /s/ David R. Sitzler Division At Multi-R	lesources Date SEP 1 8: 2003		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and any false, fictitious or fraudulent statements or representations as to any matter witin its jurisdiction.	d willfully to make to any department or agency of the United States		

#### San Juan Basin Well Work Procedure

Jicarilla C 8E

Well Name:

Version: Date: Budget: Repair Type: Objectives:	#1 8/14/2003 DRA Temporary Abando	nment		
1. TxA well conversi	bore and perform mechanical i	ntegrity test. Hold for rel	habilitation of th	ne DK or future SWD
Pertinent Info				
Location: County: State: Lease:	Unit A Sec 13 T26N R5W Rio Arriba New Mexico		Horizon: API #: Engr: Phone:	Basin Dakota 30-039-22577 Josue Villesca 281-366-2950
	pps: (Estimated formation tops	•		
Nacimento: Ojo Alamo: Kirtland Shale	:	Menefee: Point Lookout: Mancos Shale:	5079	
Fruitland: Pictured Cliffs	:	Gallup: Graneros:	6295	
Lewis Shale: Chacra: Cliff House:		Dakota: Morrison:	7665	
Bradenhead Test Date:	Test Information: Tubing:	Casing:	BH:	
Time Bl	l CSG	INT CSG	_	
5 min 10 min 15 min			_	

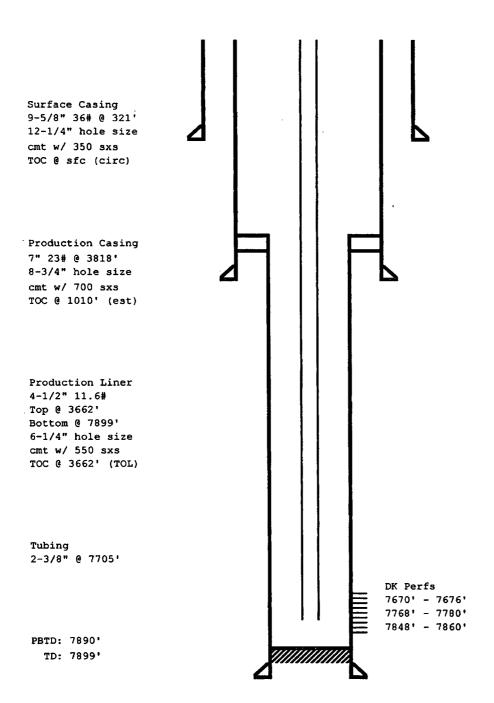
Comments:

#### **Temporary Abandonment Procedure**

- Contact Federal and State agencies prior to starting work (NMOCD Charlie Perrin, 505-334-6178 X16, BLM Steven Wells 505-438-7409).
- 2. Check location for anchors. Install if necessary. Test anchors.
- 3. MIRU SU. Check and record tubing, casing and bradenhead pressures.
- 4. Blow down well and kill well, if necessary, with lease water.
- 5. ND WH, NU BOP.
- 6. POOH with 2-3/8" tubing, visually inspecting.
- 7. Make bit and scraper run.
- 8. TIH with CIBP on tubing. Set CIBP at 7620' to temporarily abandon the DK.
- 9. Load casing with inhibited lease water.
- 10. Attach chart recorder. Test casing to 550 psi for 30 minutes. Fax copy of chart to 281-366-0700, attention Josue Villesca.
- 11. RIH w/ 2-3/8" tubing. ND BOP, NU WH.
- 12. RDMO SU.

API 30-039-22577 Well Flac 978358 Lease Flac 698334

Rio Arriba County, NM Unit A Sec 13 T26N - R5W Run 55



Form 3160-5 (August 1999)

# UNITED STATES

FORM APPROVÉD
OMB NO. 1004-0135
Eunires: Navember 20, 200

DEPARTMENT OF THE INTERIOR					Ex		. 1004-0133 ember 30, 2000
SUNDRY	UREAU OF LAND MANA NOTICES AND REPO Is form for proposals to	RTS ON WEL			5. Lease Seri JIC APA	al No.	108
abandoned we	II. Use form 3160-3 (AP	D) for such pro	posals.		6. If Indian, A	Allottee or	Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or 0	CA/Agreer	nent, Name and/or No.
1. Type of Well Gas Well Other					8. Well Name JICARIL	and No. LA C 8E	
Name of Operator     AMOCO PRODUCTION COM	Contact:	CHERRY HLAV E-Mail: hiavacl	A <b>@</b> bp.com		9. API Well 1 30-039-2	No. 2 <b>2577</b>	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253  3b. Phone No. (include area code) Ph: 281,366,4081 Fx: 281,366,0700					10. Field and BASIN D	l Pool, or E DAKOTA	
4. Location of Well (Footage, Sec., 7	C., R., M., or Survey Description	1)			11. County o	r Parish, a	nd State
Sec 13 T26N R05W Mer NEN	IE 1020FNL 870FEL				RIO ARI	RIBA CO	UNTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO	) INDICATE N	ATURE OF N	NOTICE, RE	PORT, OR	OTHER	DATA
TYPE OF SUBMISSION			TYPE O	F ACTION			
Notice of Intent	☐ Acidize	□ Deeper	l	☐ Producti	on (Start/Res	ume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fractur	e Treat	☐ Reclama	tion		■ Well Integrity
☐ Subsequent Report	Casing Repair	☐ New C	onstruction	☐ Recomp	lete		Other
☐ Final Abandonment Notice	☐ Change Plans	Plug ar	d Abandon	☐ Tempora	arily Abandor	n	
	Convert to Injection	☐ Plug B	ack	☐ Water D	isposal		
13. Describe Proposed or Completed Op If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involver testing has been completed. Final Ai determined that the site is ready for f	ally or recomplete horizontally rk will be performed or provided d operations. If the operation re bandonment Notices shall be fi	, give subsurface loo the Bond No. on fi sults in a multiple o	ations and measi le with BLM/BL ompletion or rec	ured and true ve A. Required sub completion in a r	rtical depths or osequent report new interval, a	f all pertine ts shall be i Form 3160	ent markers and zones. filed within 30 days 0-4 shall be filed once
Please note subject well was	returned to production 11	/2000					
			EKREL BLAN	JUN RECE OIL CON DIST	IVED V. DIV	33450	
14. I hereby certify that the foregoing i	Electronic Submission For AMOCO PRO	DUCTION COMP	ANY, sent to t	he Rio Puerci	D .		
Name(Printed/Typed) CHERRY	Committed to AFMSS for	r processing bly A	ingle Medina-	Jones on 06/2 RIZED REPRE	20/2001 ()	Ė	
Signature		ı	eate 06/19/20	001			
	THIS SPACE F	OR FEDERAL	OR STATE	OFFICE US	SE.		
_Approved By			ឧក្ខថ្មទ ឧកថ k	Aineral Res	ourcas	Date C	134/1
Conditions of approval, if any, are attach certify that the applicant holds legal or ec which would entitle the applicant to cond	uitable title to those rights in the		Office				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Form 3160-5 (June 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135

BUREA	U OF LAND MANAG	EMENT		Expires: 4Me	rch 31, 1993
Do not use this form for prop	TICES AND REPORT posals to drill or to deepen or reaction FOR PERMIT - * for s	eentry to a diff uch propoges	erent reservoir. 14R - 7 AM ID: 03	J CLICAVIUH	Nerve
1.5		Fe	LBUQUERQUE. N.M		Designation
1. Type of Well Oil Well Well Other Other				S. Wall Name and No.	to-
2. Name of Operator Amoco Production Company	Mark R. Ste	Attention: 211ing		B. AM WOUND.	#8E
3. Address and Telephone No. 200 Amoco Court, Farmi	ington, NM 87401			30-039- 2	257/ Story Area
4. Location of Well Footage, Sec., T., R., M., or				BASIS DAKOT	2
NEL	WE/4 Sec. /3 Tá	en 8 24	Voit letter "A"	Rio Arriba	NM
12. CHECK APPROPR	IATE BOX(s) TO INDIC	CATE NATU	JRE OF NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
Subsequent Report  Final Abandonment Notice		Abenderment Recompletion Plugging Back Cosing Repair Altering Cosing Other	tun to Production	Charge of Piers New Construction Her-Routine Procturing Water Shut-Off Conversion to Injection Diopose Water on Report and Log form, )	n en Well Completion er
13. Describe Proposed or Completed Operations subsurface locations and measured and tru  The subject well was	a vertical depths for all markers and zone	s portinent to this w	ed:1°		
produce for one day			-		•
the well will be able-	to sustain prod	luction.	Please update	AIRS Accord	Pingly, thanks
	• •	;	DE C	ENVED 1 4 1953	
CC: Wellfile Jicaal	la C #8E 97	78 358	Conoco	WIO	
14.1 heroby certify the the foregoing in the first	My	Title	Business Anal	yst Done	3/5/96
(This space for Federal or State office use)	OW.	400	Chief, Lands and Mir	neral Resources	MAR 1 2 1996

rorm 3160-5 (June 1990)

representations as to any metter within its juriediction.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

BUF	REAU OF L	AND	MANAGE	MEN	1
SUNDRY	NOTICES	AND	REPORTS	ON 1	WELLS

5. Lesse Designation and Sorial No. 108

Do not use this form for pro-	posals to drill or to deepen or reentry to a different reservoir.	JICARILLA-110
	·	6. If Indian, Allottee or Tribe Name
USG APPLIC	CATION FOR PERMIT - * for such proposals	IICADII I A ADACUE
		JICARILLA APACHE
		7. If Unit or CA, Agreement Designation
1. Type of Well	· · · · · · · · · · · · · · · · · · ·	
Oil Gas Other		8. Well Name and No.
2. Name of Operator	Attention:	JICARILLA C #8E
AMOCO PRODUCTION COM	PANY WAYNE BRANAM, RM 1	
3. Address and Telephone No.		3003922577
P.O. Box 800, Denver, Colored	lo 80201 (303) 830-4912	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or	<del></del>	BASIN DAKOTA
The second of th		11. County or Parish, State
1020FNL 870FEL	Sec. 13 T 26N R 5W UNIT A	
		RIO ARRIBA NM
12. CHECK APPROPR	IATE BOX(s) TO INDICATE NATURE OF NO	TICE , REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF	
	Abendonment	Change of Plans
Notice of Intent	Recompletion	New Construction
557	Plugging Beck	Non-Routine Frecturing
Subsequent Report	Casing Repair	Water Shut-Off
	Altering Cooling	Conversion to Injection
Final Abandonment Notice	Other DEMAND LETTER	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations	l (Clearly state all pertinent details, and give pertinent dates, including estimated de	ite of starting any proposed work . If well is directionally drilled, give
	e vertical depths for all merkers and zones pertinent to this work.]*	
THIS IS IN RESPONSE TO DI	EMAND LETTER, CERTIFIED MAIL P 765 903 888 AN	ID CORRECT SUNDRY DATED 031495.
	RTP'ED. AMOCO PROPOSES TO RTP PER THE FOLLO	DWING PROCEDURE;
	MUNICATION BETWEEN TBG AND CSG.	
2. TAG FOR FILL W/TBG		
3. CO FILL WITH N2 IF NECI	ESSARY TO PBTD OF 7890	ن من من
4. LAND 2 3/8" TBG AT 78	60	10 to 10
5. RTP W/ PLUNGER	•	
AMOCO APOLOGIZES FOR	ANY INCONVENIENCE IT HAS CAUSED.	AFR 27 1955
		***
		m%@
		DIV
		OUL COME DIV.
		101180
		THE COME DIVE
		ON GOND DIV
·	<b>s</b> t	DIE COM DIV.
	at	DIV.
	of a	THE COME DIVE
14. I hereby certify that jug forgooing is true and	provrect	THE COME DIVE
1. 1/2 13	portect	SECS ANALYST 03-29-1995
Signed A Waynes	georrect Title BUSIN	BUSINE BILLIAN
1. 1/2 13	georrect Title BUSIN	JESS ANALYST Date 03-29-1995
Signed A Waynes	Title BUSIN	SECS ANALYST 03-29-1995

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, ficticious, or fraudulent statements or

Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BURFALL OF LAND MANAGEMENT

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

	U OF LAND MANAGEMENT	Expires: March 31, 1993
SUNDRY NO	6. Lesse Designation and Serial No.  JIC 108  8. If Indian, Allottee or Tribe Name	
OSG "APPLIC	CATION FOR PERMIT - * for such proposals	JICARILLA APACHE
		7. If Unit or CA, Agreement Designation
1. Type of Well Gae Other		8. Well Name and No.
2. Name of Operator AMOCO PRODUCTION COM	PANY WAYNE BRANAM, RM 1220	JICARILLA C #8E  9. API Well No.
3. Address and Telephone No.		3003922577
P.O. Box 800, Denver, Colorad	lo 80201 (303) 830-4912	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., o.	r Survey Description)	BASIN DAKOTA
1020 FNL 870 FEL	Sec. 13 T 26N R R5W UNIT A	11. County or Perish, State
		RIO ARRIBA NM
12. CHECK APPROPR	IATE BOX(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	ON
Notice of Intent  Subsequent Report	Abendonment Recompletion Plugging Beck	Change of Plane New Construction Non-Routine Fracturing
Final Abandonment Notice	Caeing Repair Altering Caeing Other RTP (Note Record	Water Shut-Off Conversion to injection Dispose Water Report results of multiple completion on Well Completion or npietion Report and Log form.)
Final Abandonment Notice  13. Describe Proposed or Completed Operations subsurface locations and measured and true THIS IS IN RESPONSE TO DI PRODUCTION 060194. A SI SUBSEQUENT FAILED TO M	Altering Casing Other RTP  (Note Record Country exerts all pertinent details, and give pertinent detail, including estimated data of a previous depths for all markers and zones pertinent to this work.)*  EMAND LETTER, JIC CONTR. 108, ET AL 3160 (017). THUBSEQUENT REPORT OF AN EMULISON TREATMENT WAR	Conversion to Injection Dispose Water Report results of multiple completion on Well Completion or apletion Report and Log form. )  terting any proposed work . If well is directionally drilled, give IS WELL WAS RETURNED TO AS APPROVED 090694. THE

I hereby certify the fore foegoing is true end correct  Signed Way 8	Title _	BUSINESS ANALYST	Date	03-14-1995
Approved by Conditions of approval, if any:	LOY -	Chief, Lands and Mineral He	SONICOS A	PR 1 9 1995

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, ficticious, or fraudulent statements or representations so to any matter within its jurisdiction.

Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

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

BUREAU	OF LAND MANAGEMENT	
• • • • • • • • • • • • • • • • • • • •	ICES AND REPORTS ON WELLS	5. Lease Designation and Serial No.
Do not use this form for propo Use "APPLICA"	sals to drill or to deepen or reentry to a different restroy, NM	8. If Indian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation
1. Type of Well  Oil  Well  Well  Other		8. Well Name and No.
2. Name of Operator	Attention:	JICARILLA C #8E
AMOCO PRODUCTION COMPA	ANY WAYNE BRANUM, RM 1220	8. API Well No.
3. Address and Telephone No.		300392257700
P.O. Box 800, Denver, Colorado	80201	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or S	urvey Description)	BASIN DAKOTA
1020 FNL 870 FEL	Sec. 13 T 26N R 5W	11. County or Perish, State
10201112 070122	Jeu. 10 1 201 13 017	RIO ARRIBA NEW MEXICO
12. CHECK APPROPRIA	TE 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		Change of Plans  New Construction  Non-Routine Frecturing  Water Shut-Off  Conversion to Injection  Dispose Water  out results of multiple completion on Well Completion or tion Report and Log form.)
MIRUSU - 5/18/94. RU FLOW & NUBOP, PULLED DOGNUT TAG - 7879'. 11' OF FILL IN	learly state all pertinent deteils, and give pertinent dates, including estimated date of startinertical depths for all markers and zones pertinent to this work.)*  / LINES TO BLOW TANK. CSG PRESS - 340#, TBG PRESS & TIH W/ 6 JTS TBG & TAGGED BOTTOM. TOH W/ TBG & HOLE & 19' OF RAT HOLE. PU 4.5" SCRAPPER & TBG TO TABLE & 19' OF RAT HOLE. PU 4.5" SCRAPPER & TBG TO TABLE & TOWN TABL	- O# BLEW WELL DN TO TNK. NGWH

HIH W/ 4.5" RBP & PKR. SET RBP @ 7586'. TOH W/ 1 JT TBG & SET PKR. PRESS TST'D RBP TO 1,000# & PLG TST'D. CIR HOLE CLEAN & PRESS TST'D CSG TO 500#. CSG HELD PRESS. TOH W/ RBP & PKR. TIH W/ 4.5" PKR. & SET PKR @ 7616'. RELEASED PKR & PULLED 1 STD. TBG & RESET PKR @ 7552'. PKR TST'D, RU H.E.S. & PUMPED 20 BBLS SUPER ASOL & FLOWED ASOL W/N2. TBG PRESS - 1,000#, CSG PRESS - 320# BLEW DN PRESS TO BLOW TANK. RU SWAB EQUIP & TIH W/ SWAB & TAGGED FLUID @ 4,000. MADE 14 RUNS & REC 65 BBLS FLUID. STARTING PRESS - 45#, ENDING PRESS - 0#, STARTING CSG PRESS - 380#, ENDING CSG PRESS - 160#. WELL QUIT FLOWING & TIH W/SWAB & TAGGED FLUID 300' OF BOTTOM. RD SWAB EQUIP & SDFN. CSG PRESS - 1160#, TBG PRES 910# OPENED TBG TO TST TANK & BLEW DN TBG PRESS IN 30 MIN. RU SWAB EQUIP & TIH W/ SWAB. TAGGED GAS CUT FLUID. CSG BLEW DN FROM 1100#

TO 220# IN 1 HR. TIH W/ SWAB & LAID DN EQUIP. RDMOSU - 6/1/94.

SEP - 8 1994

COM	DIV
DIST. 2	

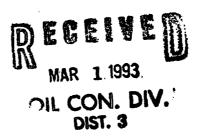
IF YOU HAVE ANY QUESTIONS CONTACT WAYNE BRAI	NAM AT (3	03) 830-4912.		ingo i	ツロVG 
14. I hereby certify that the foregoing is true and correct  Signed   August   Augus	Title	ANALYST	Data	08	3-15-1994
Approved by Approved, If any:	Acting Title	Chief, Lands and Mineral Resou	rces Date	SEP	6 1994
Title 19 II C.C. Parties 1001 makes it a seize for any parter beauties, and willfully to make		and an annual the United States and John Halleton			

Form: 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	U OF LAND MANAGEMENT	Expires: March 31, 1993
SUNDRY NO Do not use this form for prop Use "APPLIC	6. Lease Designation and Social No.  Contract 108  6. If Indian, Allottes or Tribe Name  Jicarilla	
1. Type of Well		7. If Unit or CA, Agreement Designation
Oil Ges Other		8. Well Name and No.
2. Name of Operator	Attention	Jicarilla C #8E
Amoco Production Compan	ny Julie Acevedo	9. API Well No.
3. Address and Telephone No.		30 039 22577
P.O. Box 800, Denver, (		10, Field and Poof, or Exploratory Area
4. Lecation of Well (Footage, Sec., T., R., M., or		Basin Dakota
1020' FNL, 870' FEL,	Sec. 13, T26N-R5W	11. County or Parish, State
		Rio Arriba, New Mexico
12. CHECK APPROPR	ATE BOX(s) TO INDICATE NATURE OF NOTICE	CE , REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent  Subsequent Report  Finel Abandonment Notice		Chenge of Pione New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water Solet: Report results of multiple completion on Well Completion or accompletion Report and Log form.
	(Clearly state all portinent details, and give pertinent dates, including estimated date s vertical depths for all markers and zones pertinent to this work.)*	of starting any proposed work . If well is directionally drilled, give
See Attached for casin	g repair on the subject well.	



RECEIVED
SZ DEC 21 PUIZ: 50

If you have any questions please call Julie Acevedo at 303-830-6003.

14, I hereby certify that tifs foregoing is true and confect  Signed	Title	Sr. Staff Assistant	Dale 12/7/92			
(This space for Federal or State office use)		ACCEPTED FOR RECORD				
	<b></b> .	01992				
Approved by	Title	DLy_0	Dete 100L			
Conditions of approval, if any:	NMOCD	CD FARMINGTON RESOURCE AREA				
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully	to make to any departme	int or agency of the United Stably era falls, ficticious, or	fraudulent statements or			

MIRUSU, NDWH & NUBOP, TIH W/TBG & tag BOT. TOH W/ TBG. TIH W/ 4.5" scrapper to 7884' & tagged Bottom. TOH W/ 4.5" scrapper. TIH W/7" scrapper to 2500'. TIH W/ 7" scrapper to liner top. TOH W/ scraper. TIH W/ 4.5" RBP & PKR. Set RBP @ 7646'. TOH W/1 STD TBG & set PKR. RU pump & test plug to 1000psi., plug held pressure. Released PKR & loaded CSG W/ 2% KCL. Circ. oil out of hole & press. tested CSG to 1000psi., CSG Held Press. Released Press. & TOH W/ PKR. TIH W/CBL, CCl, GR log & logged interval from 2100' to surface. RD & Dumped 1sx sand on RBP. RU WLE. & TIH W/perf gun & shot 1 .75" hole @ 620'. TOH W/WLE. & RD perforators. RU pump and tried to est. circ. to surface, could not circ. cmt. TIH W/open ended TBG to 650'. RU and spotted 8 BBls Cl B cmt W/1% CACL over hole @ 620'. TOH W/TBG & RU and pumped 1 B.W. to load CSG. pumped 1.5 B.W. to obtain final squeeze press of 1500psi. TIH W/bit & scrapper & tagged cmt @ 472, drilled out of cmt @ 653'. Tested CSG to 500psi. Held. TOH & TIH to 3000' W/Ret. head & TBG. TIH W/TBG & RET head & circ. sand off of plug. Latched onto plug. TOH W/Ret. head & TBG. TIH W/7" PKR to 681' & press. tested plug to 1000psi. plug tested ok. TOH W/PKR to 451' & tested CSG to 1000psi. down backside & CSG held press. RU & circ dye to surface through B.Head. TOH W/TBG & PKR. Dump sand on RBP. TIH W/TBG & PKR to 458' & set PKR. RU and est. circ out B.Head, @ 1.6 BPM @ 750psi., mixed and pumped 10BBls gel preflush, started pumping cmt @ 1.6 BPM, pumped 100sx CL B cmt behind pipe & lost circ. thru B. Head., continue to pump cmt, pump an additional 35sx Cl B cmt. AIR 1.3 BPM, AIP 850psi., started displacement & pumped 3.5 BW. WEll press. up to 1300psi. with no bled off. Released press. & watched for flow back. no flow was noted. Released PKR & TOH W/TBG & PKR loaded hole W/WTR & press. up to 1000psi. Bled off press. & TIH W/Bit, scrapper and TBG. tagged cmt @ 490', drill thru cmt @ 626'. RU pump and press. tested casing to 500psi. CSG held. RU pump and repress. well to 500psi. Held OK. TOH W/TBG, scrapper and bit. TIH W/ RET. head & TBG & RU pump & circ. sand off RBP W/Good KCL water. TIH W/TBG & latched onto RBP & TOH W/ TBG & RBP. TIH W/ 2.375" TBG and landed @ 7675'. RDMOSU.

Form 3160-5 (June 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

	AND REPORTS ON WELLS ill or to deepen or reentry to a different reservoir.	Contract 108 6. If Indian, Allottee or Tribe Name						
	R PERMIT—" for such proposals	Jicarilla						
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation						
i. Type of Well Oil Well Gas Well Other  2. Name of Operator		8. Well Name and No.  Jicarilla C #8E  9. API Well No.						
Amoco Production Company Att 3. Address and Telephone No.  P.O. Box 800, Denver, Colorado 4. Location of Well (Footage, Sec., T., R., M., or Survey D	cn: John Hampton  5 80201 escription)	30 039 22577 10. Field and Pool, or Exploratory Area Basin Dakota						
1020' FNL, 870' FEL Sec. 13,	II. County or Parish, State Rio Arriba, New Mexico							
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA						
TYPE OF SUBMISSION	TYPE OF ACTION							
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction						
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off						
Final Abandonment Notice	Altering Casing Water Shut-Off Conversion to Injection Other Dispose Water							
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)						
	Il pertinent details, and give pertinent dates, including estimated date of starting cal depths for all markers and zones pertinent to this work.)*	_						
<del>_</del>	nds to test casing for leaks and repai	r. 91						
See attached for procedure:		T 8 _						

OCT 3 0 1991 OIL CON. DIV. OCT 11 ANIO: 49
FARMARGTON, N.M.

If you have any questions please call Julie Zamora at 303-830-6003.

		APPROVED !
4. I hereby certify that the subgoing is true and correct Signed further handler 2 3	Tide Sr. Staff Admin. Supv.	Date 10/8/91
(This space for Federal or State office use)  Approved by	Tide	001041901
Conditions of approval, if any:	Carrier State	A THE MANAGES

Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, 16:bbs, NM 88240

DISTRICT II P.O. Drawer DD, Anesia, NM 88210 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 Buttom of Page

DISTRICT III OUD Rio Brazos Rd., Aziec, NM 87410	DECHECT	EOB ALLOWA	BLE AND AUTHORIZA	TION	
			L AND NATURAL GAS	HON	
Operator AMOCO PRODUCTION COMPA				Well API No. 300392257700	<del></del>
AMOCO PRODUCTION COMPA	TIN I	· · · · · · · · · · · · · · · · · · ·		300392237700	•
P.O. BOX 800, DENVER,	COLORADO 80	0201			
Reason(x) for Filing (Check proper box)  New Well	Chang	e in Aransporter of:	Other (l'lease explain)		
Recompletion	Oil	Dry Gas			
Change in Operator	Casinghead Gas	Condensale			
change of operator give name ad address of previous operator					
I. DESCRIPTION OF WELL		·			
Lease Name JICARILLA C	Weil 1 8E		ting Formation OTA (PRORATED GAS)	Kind of Lease State FEORISI or Fee	Lease No.
Location					<u> </u>
Unit Letter	1020	Feet From The	FNL Line and 870	Feet From The	FEL Line
Section 13 Townshi	26N	Range 5W	NMPM,	RIO ARRIBA	County
H DECIGNATION OF THAN	ICDODEED OF		IDAL CAR		
II. DESIGNATION OF TRAN Name of Authorized Transporter of Oil		OIL AND NATE	Address (Give enderess to which	approved copy of this form	is to be sent)
MERIDIAN OIL INC.	——————————————————————————————————————	<u>.                                    </u>	3535 EAST 30TH ST	REET FARMINGTO	N. NM 87401
Name of Authorized Transporter of Casia		or Dry Gas .	Address (Give address to which	approved copy of this form	is lo be seu)
NORTHWEST PIPELINE COR If well produces oil or liquids,	Unit Sec.	Twp. Rgs	P.O. BOX 8900 SA	LT LAKE CITY, I   When?	T 84108~0899
ive lucition of lanks.	_ii	<u>_i_i_i_</u>		i	
this production is commingled with that	from any other lease	or pool, give comming	pling order number:		
V. COMPLETION DATA	Oii V	Weil Gas Weil	New Well   Workover   I	Deepen   Plug Back   Sa	me Res'v   Diff Res'v
Designate Type of Completion			<u>i         i          i           i      </u>		
Date Spudded	Date Compl. Read	ly to Prod.	Total Depth	P.B.T.D.	
Elevations (DF, RKB, RT, GR, etc.)	Name of Producin	g l'onnation	Top Oil/Gas Pay	Tubing Depth	· · · · · · · · · · · · · · · · · · ·
	<u> </u>	·	<u> </u>		
'efforations				Depth Casing S	lios ·
	TUBIN	IG, CASING AND	CEMENTING RECEAD	EGEIVE	<del>101 </del>
HOLE SIZE	CASING 8	TUBING SIZE	DEPTH SET	SAC	EMENT
			1 00	AUG2 3 1990.	
	1		- <del></del>	L CON. DIV	
				DIST. 3	
TEST DATA AND REQUE OIL WELL (Test must be after t			ii be equal to or except top allowab		(ull 24 hours)
Date First New Oil Run To Tank	Date of Test		Producing Method (Flow, pump,		
Length of Test	7.4.		Casing Pressure	Choke Size	
Tengan or rest	Tubing Pressure		Catting Pressure	CHOLE SIZE	
Actual Prod. During Test	Oil - Libia,		Water - Bbis.	Gas- MCF	<del></del>
	<del></del>		<u> </u>		
GAS WELL Actual Frod Test - MCF/D	Length of Test		Bbls. Condensate/MMCF	Gravity of Con-	lensule
				Clarity of Cont	
esting Method (pitot, back pr.)	Tubing Pressure (	Shut-in)	Casing Pressure (Shut-in)	Choke Size	
II ODED ATOD OCOTTO	LATTE OF CO.	ADLIANCE	-\r		
VI. OPERATOR CERTIFIC  1 hereby certify that the rules and regul			OIL CONS	ERVATION DI	VISION
Division have been complied with and	that the information	given above	1)	•	
is true and coraplete to the best of my	knowledge and belie	a.	Date Approved	AUG 2 3 1	990
_ LI L. Whiles			1 _	<b>-</b> 1	,
Signature Loug W. Whaley, Staff	f Admin. Sur	pervisor	By	and the	<del>-</del>
Printed Name		Title	Title	SUPERVISOR DIS	TRICT #3
July 5, 1990 Date	301	3-830-4280 Telephone No.			
		• • • • • • •	11		

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 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 Cepter Appropriate District Office DISTRICT J P.O. Box 1980, Hobbs, NM 88240

### State of New Mexico Energy, Minerals and Natural Resources Department

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

## OIL CONSERVATION DIVISION

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

DISTRICT III 1000 Rio Brans Rd., Aziec, NM 87410

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

•					RFF AND VIV.					
Operator		10 IN	HIVO	UHI UI	L AND NA	I UNAL G		API No.		
Amoco Production Compa	any						3003	922577		
Address	Par 900	n		C-1	1. 00201					
1670 Broadway, P. O. I	SOX BUU	, venv	er,	Colorac			lain)			
Reason(s) for Tilling (Check proper box)  New Well		Change in	Tonner	meter of	் வ	er (Please exp	ши			
Recompletion [ ]	Oil		Dry C	(7						
Change in Operator		a Cau 📋								
										·
and address of previous operator 1en	neco Ul	I E &	P, 6	162 S.	Willow,	Englewoo	od, Colo	rado <u>801</u>	55	
I. DESCRIPTION OF WELL	AND LEA	ASE								
Lease Name		Well No.	Pool 1	Name, Includ	ding Formation				L	ease No.
JICARILLA C		8E	BASI	N (DAK	OTA)		FEDE	RAL	9000	108
Lawation	• •	00		-	.,,			_		
Unit Letter A	10	20	_ Fect f	rom The F	NL Lin	and 870	F	et From The	EL	Line
Section 13 Township	26N		Range	,5W	, Ni	MPM,	RIO A	RRIBA		County
HL DESIGNATION OF TRAN	SPORTE	R OF O	II. Al	ND NATI	IRAL GAS					
Name of Authorized Transporter of Oil	1: 11	or Conde		ŒΠ		e address to w	hich approved	copy of this for	n is to be se	nı)
CONOCO				سي	P. O. BC	X 1429,	BLOOMFI	ELD, NM	87413	
Name of Authorized Transporter of Casing		, E	or Dr	y Gas X	Address (Giv	e address 10 w	hich approved	copy of this for	n is to be se	
NORTHWEST PIPELINE COR	· · · · · · · · · · · · · · · · · · ·		1=	_,				KE CITY,	UT 84	108-0899
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	l Kite	. (s gas actual)	A convected t	When	1.7		
I this production is commingled with that	from any oth	er lease or	pool, g	ive comming	gling order numl	ber:	·			
IV. COMPLETION DATA										
Designate Type of Completion	- (X)	Oil Well		Gas Well	New Well	Workover	Deepen	Plug Back  S	ame Res'v	Diff Res'v
Date Spudded	Date Com	l. Ready I	o Prod.		Total Depth		-4	P.B.T.D.		- L
Ulevations (DF, RKB, RT, GR, etc.)	Name of 1	roducing F	ormatio		Top Oil/Cas I	Pay	<u></u>	Tubing Depth		
Pértorations	L				.l			Depth Casing	Shoe	
	7	UBING,	CAS	ING AND	CEMENTI	NG RECOF	RD			
HOLE SIZE	CA	SING & TI	UBING	SIZE		DEPTH SET	-	SA	CKS CEM	ENT
					· [					
	ļ				- ]					
					-				<del>-</del>	
V. TEST DATA AND REQUES	T FOR A	LLOW	ABLE		_l			1		
OIL WELL (Test must be after r					it be equal to or	exceed top all	owable for the	s depth or be for	full 24 hou	rs.)
Date First New Oil Run To Tank	Date of Te						wrp, gas lýi,		f	
Length of Test	Tubing Pre				Casing Pressu			Choke Size	· · ·	
	Tuoting 1 10									
Actual Prod. During Test	Oil - Bbis.				Water - Bbls.			Gas- MCF		
GAS WELL	J				J					
Achial Prod. Test - MCI/D	Length of	i est			Bbls Conden	sale/MMCF		Gravity of Cor	densate	
								0.000	-	
lesting Method (paot, back pr.)	Tubing Pre	ssure (Shu	(·in)		Casing Press.	re (Shul-in)		Chuke Size		
VI. OPERATOR CERTIFIC	ATE OF	COMI	OT IA	NCE	·			. J		
Thereby certify that the rules and regul				NCE	(	DIL CON	<b>NSERV</b>	ATION D	IVISIO	N
Division have been complied with and				70	[]					
is true and complete to the best of my b	inowledge at	ıd belief.			Date	Approve	<sub>id</sub> [	MAY 08 19	89	
17 1 21	at					, ippioae		\ ~1		
J. J. Slam	Non	<u> </u>			∥ ву_		8	), The	~	
J. L. Hampton Sr	_ Stafi	Admis	n. Si	inrv	-,-		SUPERV	SION DIST	RICT #	3
Printed Name			Title	•	Title				**	
Janaury 16, 1989		303-1 Tele	phone i							

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.

DISTRIBUTE	PH
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
THE STATE OF THE S	GAS
OPERATOR	
PRORATION OF	FICE

	DISTRIBUTION	NEW MEXICO OIL O	CONSERVATION COMMISSION	P
	SANTA FE		FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and C-11
	FILE	7	AND	Effective 1-1-65
	U.S.G.S.	1		
	LAND OFFICE	_ AUTHORIZATION TO TRA	ANSPORT OIL AND NATURAL G	AS
	<u>├</u>	-}		
	TRANSPORTER OIL	-		
	GAS	_		
	OPERATOR	┙		
I.	PRORATION OFFICE			
	Operator			
	Tenneco Oil Compa	iny		
	Address			
	P. O. Box 3249. E	Englewood, CO 80155		
	Reason(s) for filing (Check proper bos		Other (Please explain)	
	New Well	Change in Transporter of:	Committee (agreen)	
	Recompletion	Oil Dry G	🗖	
			<b>= 1</b>	
	Change in Ownership	Casinghead Gas Cande	radie [_] }	
	If change of ownership give name			
	and address of previous owner			
	•			
13.	DESCRIPTION OF WELL AND	LEASE		
	Lease Name	Well No. Pool Name, Including F	ormation Kind of Lease	Lease No.
	Jicarilla C	8E Basin Dako	State, Federal	
	Location	Dasin Dako	ca	cries Contract #108
	J			
	Unit Letter A : 10	20 Feet From The North Lin	e and 870 Feet From T	he <u>East</u>
	Line of Section 13 To	waship 26N Range	5W , NMPM, Rio Ar:	riba County
Ш.	<b>DESIGNATION OF TRANSPOR</b>	TER OF OIL AND NATURAL GA	<b>IS</b>	
	Name of Authorized Transporter of Oi	or Condensate	Address (Give address to which approxi	ed copy of this form is to be sent;
	Conoco		Box 460, Hobbs, New Mer	xico 88240
	Name of Authorized Transporter of Co	singhead Gas or Dry Gas X	Address Give address to which approve	
	Northwest Pipelin		Box 1256, Salt Lake Cit	
	<u> </u>	Unit Sec. Twp. P.ge.	Is gas actually connected? When	
	!! well produces cil or liquids,	•	I	
	give location of tanks.	A 13 26N 5W	No	ASAP
	If this production is commingled wi	ith that from any other lease or pool,	give commingling order number:	
IV.	COMPLETION DATA		<u> </u>	
	D : T (C ) ::	Cil Well Gas Well	New Well Warkaver Deepen	Flug Back Same Resty, Diff. Resty.
	Designate Type of Completi	on – (X)	x	
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	F.8.T.D.
	6/13/81	7/22/81	7899	7890'
	Elevations (DF, RKB, RT, GR, etc.,	Name of Producing Formation	Top 2::/Gas Fay	Tuking Depth
	6793' gr.	·	1	- '
		Dakota	7670'	7696 ' Depth Casing Shoe
	Perforations		į	Depth Cosing Ance
	7670-76', 7768-80			3844
		TUBING, CASING, AND	CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	12-1/4"	9-5/8" 36#	321'	350sx
	8-3/4"	7" 23#	3818'	700sx
	6-1/4"	4-1/2" 11.6.10.5#	7899'	550sx
		2-3/8"	7696'	
		OR ALLOWANIE	<u> </u>	<del></del>
٧.	TEST DATA AND REQUEST F		fter recovery of total volume of load oil a pth or be for fuli 24 hours;	nd must be equal to or exceed top allow
	OII, WELL. Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, sas B)	ate 1
	Date Little New Oir Uay 10 100Ks	D 01. 1421	13.5	
			(2714)	
	Length of Test	Tubing Pressure	Coaing Pressure	Cubic fire
	Actual Prod. During Teet	Oil-Bhis.	Water-Bbis. JUL 23	GOT MOS
		1	1 1	301
			VOIL CON. C	CM.
	GAS WELL		DIST. 3	. /
1	Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensus/MMCF	Grafity of Condensate
1	1649	3 hrs.		
		Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
- 1	Testing Method (pitot, back pr.)	1		CROKE SILE
i	Back Pressure	2405 PSI	2375 PSI	3/4"
VI.	CERTIFICATE OF COMPLIAN	CE	OIL CONSERVAT	TION COMMISSION OF
				AUG 2 1 1981
	I hereby contify that the rules and	regulations of the Oil Conservation	APPROVED	, 19
		with and that the information given	Original Signed by FRANK	T. CHAVEZ
		best of my knowledge and belief.	BY	
	Λ		PUDEDVISOD DISTRICT	# 1
		•	TITLE SUPERVISOR DISTRICT	<u></u>
	C', 11.11	_	This form is to be filed in co	mpliance with RULE 1104.
		بسا	If this is a convent for allows	hie for a newly drilled or despens
-	A / Sien	ature)	le well, this form must be accompan-	SQ ph s taphistion of the designs
	Production Analys		tests taken on the well in accord	ance with MULE 111.
		ile)	All sections of this form must able on new and recompleted wel	be filled out completely for allow

(Date)

Fill out only Sections I, II. III, and VI for changes of owner well name or number, or transporter, or other such change of condition Separate Forms C-104 must be filed for each pool in multiple

## UNITED STATES SUBMIT IN DUPLICATE\*

	DEPART	MENT	OF T	THE IN	TERIO	₹	(See o struct revers	theri ions c se side	n-		ON AND SERIAL NO.
	(	GEOLO	SICAL	SURVEY					Contra	ct/#	108
WELL CON	ADI ETION	OP PE	COMPI	FTION F	PEPOPT	ΔN	חוס				TEE OR TRIBE NAME
IA. TYPE OF WELL					LF OK	<u> </u>	D LO		Jicari		
	WEI	.ı 📙 🐃	s X	DRY L	Other				7. UNIT AGRE	EMENT	NAME
b. TYPE OF COMP	LETION: WORK DEE	p- [	.eg [	DIFF.							
WELL X	OYER L. EN		ск 🗀	GESVR.	Other				S. FARM OR		
2. NAME OF OPERATO									Jicari	lla	<u>C</u>
Tenneco Oi.				<u> </u>							
P. O. Box		Бооша	ro 801	155					8E	D POOT	, OR WILDCAT
4. LOCATION OF WEL					y State reaui	remen	(8)*	•	Basin		
	020' FNL	-		•		3			11. SEC., T.,		OR BLOCK AND SURVEY
At top prod. inte	went senested he	low							OR AREA		
at top prod. inte	ervar reported be										
At total depth					1				Section	n 13	, T26N R5W
			14	. PERMIT NO.			ISSUED		12. COUNTY (	)R	13. STATE
									Rio Ar		New Mexico
5. DATE SPUDDED	16. DATE T.D. R	EACHED 17	. DATE COM	PL. (Ready to	prod.) 18	. ELE	VATIONS (D	F, RKI	B, RT, GR, ETC.)*	19. E	LEV. CASINGHEAD
6/13/81				7/22/81 🖁					gr.		
O. TOTAL DEPTH, MD &	TVD 21. PLU	G, BACK T.D.,	MD & TVD	22. IF MUL HOW M	TIPLE COMPL.	•	23. INTE	ERVALS LED B	B ROTARY TOO	LS	CABLE TOOLS
7899'	<u> </u>	7890'						<b>→</b>			
4. PRODUCING INTER	VAL(S), OF THIS	COMPLETION	TOP, BOT	TOM, NAME (L	4D AND TVD)	•				25.	. WAS DIRECTIONAL SURVEY MADE
7670-7860'										07 7	NO AS WELL CORED
6. TYPE ELECTRIC A	ND OTHER LOGS	RUN								21. W	
CDL, IGRL											No
S. CASING SIZE	WEIGHT, LB./	PT DED	CASING F	RECORD (Rep	ort all string	s set i		ENTI	G RECORD		
	-		<u>_</u>		· · · · · · · · · · · · · · · · · · ·	2 5					AMOUNT PULLED
9-5/8" 7"	36#		321		2-1/4"		Osx Cla		-lite; 150s		D
4-1/2"	23#		3818 7899		8-3/4" 6-1/4"				; 150sx Cl-		Г-В
4-1/2	11.0, 10.	<u> </u>	1099		0-1/4	1-30	USA US,	, 55,	, 1303X CI	<del>-</del> -	
39.		LINER RE	CORD	<u>'</u>		-	30.		TUBING RECO	RD	
SIZE	TOP (MD)	BOTTOM (1	ID) SACI	ES CEMENT*	SCREEN (M	D)	SIZE	· I	DEPTH SET (M	<b>D)</b>	PACKER SET (MD)
4-1/2"	3662'	7899'	5	50 sx			2-3/	8"	7696'	<u> </u>	
					· ·					·	<del></del>
1. PERFORATION REC	OBD (Interval, si	ze and num	per)		82.	AC	ID, SHOT	FRA	CTURE, CEMEN	r squi	EEZE, ETC.
7670-76'	w/2 JSPF 1	2 holes			DEPTH IN	TERVA	L (MD)		AMOUNT AND KIN	D OF M	IATERIAL USED
7768-80'	/1 TCDE 3	A holos			7670-7	860	1	120	00 gals 159	we:	ighted acid
7848-60'	•							54	.l ball sl	s, .	105,000#
7646-60	Total of 3	o notes	•					20,	/40 sand, 9	90,00	00 gals 30#
								cro	oss link q	<u> 1</u>	
3.*					DUCTION						
ATE FIRST PRODUCTI	PROD			ng, gas lift, p	um ping ize	and t	ype of pun	np)	WELL	STATUS t-in)	(Producing or
7/22/81	HOURS TESTED		lowing	nonin mon					<u> </u>		Shut-in
7/22/81	3	CHOKE	1	PROD'N. FOR PEST PERIOD	OIL—BBL.		GASMC		WATER-BBL		GAS-OIL BATIO
LOW, TUBING PRESS.	CASING PRESSU			DIL—BBL.	GAS-	MCF.	!	WATE	B—BBL.	Office	LAVITS-ADI (CORL)
107 PSI	603 PSI	24-ноп		<b>-</b> -	1		49			<del>۱۳۰</del> ۰۳: ۱۳۶۰۳:	AVITY-ADI (CORR.)
4. DISPOSITION OF GA			, etc.)						TEST WINES	SED B	3
To be sold										_	and the same of th
5. LIST OF ATTACHE	ENTS				···				r	<del></del>	
Electric 1									AT EPT		RECUEL
6. I hereby certify	71 14 27		hed inform	ation is comp	lete and corr	ect a	determin	ed fro		_	
OVONING >	ull H II an	_			Product	on	Analve	+	-JG <u>2</u>	ور <sub>اھ</sub> 0	8  <sub>/81</sub>

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 anglor 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 executional 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.

Hem 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.

Hem 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.

Hems 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 states. Lop(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, and interval.

Hem 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.

Hem 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 INFORTANT ZONES CHAPERRAL TESTED, CHAPER A LESTED CHAPER	OUS ZONES: TANT ZONES OF POR	OSITE AND CONTENT	MARY OF POROUS ZONES: SHOW ALL IMFORTANT ZONES OF POROSITY AND CONTENTS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED CHAHLON INED. THE PROBLEM AND SHIFTIN PRESCRIPES AND HECOVERES	38.	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DERCRIPTION, CONTENTS, KTC.		TOL	
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH
Menefee	Csg Shoe	5079	Sand, shale			
Point Lookout	5079	5300	Sand, water	Greenhorn	7555'	
Mancos	5300	6295	Sand, shale			
Gallup	6295	7355	Sand, water			
Graneros	7621	7665	Shale			
Dakota	7665	OT.	Sand, Gas			
				·		
	·······					

sending in reversely

.ev. 5-63)	U	NITED S	TATES	SUBMI	T IN	DUPLICA	TE•		For Bud	n appi get Bu	roved. reau No. 42–R355.5.
	DEPARTM	ENT OF	THE IN	TERIOF	?	struct	ions on se side)	5. LEAS	SE DESIG	NATIO:	N AND SERIAL NO.
	GE	OLOGICAL	. SURVEY	(			,	Con	tract	#10	.8
WELL COL	MPLETION O	D DECOMA	DI ETIONI	DEDODE	A held	9100	2 *				EE OR TRIBE NAME
1a. TYPE OF WEL			LLIION		الانت	<b>X.T.O.</b>			arill		
	WELL L	WELL X	DRY L	Other		<del>7</del>	<del></del>	7. UNI	C ACREEN	IENT :	SAME
b. TYPE OF COMP	WORK DEEP-	T PLTG	DIFF.	1	) - <sup>7</sup> , 14		''	SEAD	M OR LE	SE V	MF
WELL A	OVER LEN L	J BACK L	RESVR.	Other	<del></del>						
	il Company			$\frac{1}{2} = \frac{1}{2} = \frac{1}{2}$		1.	,	9. WEL	arill	a C	
3. ADDRESS OF OPER							<del></del>	8E			
P. O. Box	3249, Englew	ood, CO	80155	•,			,		LD AND	POOL,	OR WILDCAT
	L (Report location cl		ordance with a	ny State requir	ement	8)			in Dal		
At surface 1	020' FNL 870	)' FEL "A"			* 65				C., T., R., AREA	м., ок	BLOCK AND SURVEY
At top prod. into	erval reported below		*	The second second second second second second second second second second second second second second second se			ļ				
At total depth					*:			Sec	tion	13.	T26N R5W
		Ī	14. PERMIT NO	),	DATE	ISSUED		12. co	NTY OR		13. STATE
		1		an a first			ļ	Rio	Arri	ba	New Mexico
15. DATE SPUDDED	16. DATE T.D. REACH	IED   17. DATE C	OMPL. (Ready	to prod.) 18	ELEV	VITO'S (D	F., RKB, R	T, GR, E1	c.)• 1	9. ELI	EV. CASINGHEAD
6/13/81			22/81				93' gı				
20. TOTAL DEPTH, MD	Į.	CK T.D., MD & TVI	22. IF MU HOW	LTIPLE COMPL.	,	23. INTE	RVALS LED BY	ROTAR	Y TOOLS	ı	CABLE TOOLS
7899 1	VAL(S), OF THIS COM	7890'	OTTOM NAME (	MD AND TYD)*			<u>→                                    </u>			25	WAS DIRECTIONAL
29. PRODUCTNO INTER	TABLES), OF THIS COM	122110101, 2	ortom, Name (	(MD 110)						•••	SURVEY MADE
7670-7860'	Dakota										No
26. TYPE ELECTRIC A	ND OTHER LOGS RUN								27	. WAS	WELL CORED
CDL, IGRL											No
25.			RECORD (Re		s set is						
9-5/8"	36#	DEPTH SET		12-1/4"	350	Osx Cla	ENTING I	RECORD		- -	AMOUNT PULLED
7"	23#	3818		8-3/4"		Sx Hov		+0.	7.50cm	_ -	D
4-1/2"	116., 10.5#	7899		6-1/4"		)sx 65,				-1-	ъ
				<del></del>		, <u>, , , , , , , , , , , , , , , , , , </u>	33,	Locon		- -	
29.	LIN	ER RECORD	^	`		30.	Т	UBING	RECOR	D	
#1ZE	TOP (MD) BO	TTOM (MD) S	CES CEMENT.	SCREEN (M	(۵	SIZE		EPTH 8	ET (MD)	F	ACKER SET (MD)
- t ///	2 HUY	2 1 VI				2-3,	/8" _	76	96'	_	
31 PERFORATION REC	ORD (Interval, size as	nd number)		1							
	w/2 JSPF 12 1	-		B2.		ID, SHOT,					TRRIAL USED
,0,0 ,0	, 2 0011 12 1	.0205		7670-7							hted acid
7768-80'	w/l JSPF 24 h	noles				<del></del>					105,000#
7848-60'	Total of 36 h	noles									gals 30#
							cross	s lin	k gel		
33.* DATE FIRST PRODUCT	ION PRODUCTION	ON METHOD (Flo		DUCTION	and to	una of num					Dundania a
			wing, yus ciji, 1	pumpiny—size	una i	урс ој рим	· p )		shut-i	1)	Producing or
7/22/81 DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.		GAS-MC	F.	WATEI	-BBL.		t-in
7/22/81	3	3/4"	TEST PERIOD	1		[					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-	MCF.	<u>'</u>	WATER-	BBL.	0	L GRA	VITY-API (CORR.)
107 PSI	603 PSI	<del></del>		1	649					_	
	AS (Sold, used for fuel	, vented, etc.)						TEST V	VITNESSE	DBT	
To be sold											
	logs to be fo	rwarded be	Coarbart	<b>-</b>							
36. I hereby certify	that the foregoing at	id attached info	rmation is com	plete and corr	ect as	determine	d from	all avail	able reco	rds	
SIGNED	JAK-			Producti					DATE _		/24/81
	*(See In:	structions and	Spaces for	Additional I	Data	on Reve	rse Sid	2)		3 (	1981

NMOCO:

APMINGTON DOTTERS

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 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 of State laws and 23, hollow regarding separate completions. New instructions on items 22 and 24, and 33, below regarding separate completions. See instructions on items 25 and 25, and 31 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.

Here 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.

Here 18: Indiants which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Here 25 and 24: If this well is completed for separate production from more than one interval some (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 contract of the separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional also produced, showing the additional should should show the details of any multiple stage comenting and the location of the cementing tool.

Here 33: Submit a separate completion report on this form for each interval (See instruction for items 22 and 24 above.)

37. SUMMARY OF PORCES ZONES OF SHOW ALL IMPORTANT ZONES OF DESTRICTION OF TRATES, CUSH	OUS ZONES: TANT ZONES OF FOR TENTED, CUBINION I	OSITY AND CONTENT	MAKY OF POROT:S ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DRITH INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DRITH INTERVAL EXTED, CUBIGON ERD, TIME TOOL OPEN, PLOWING AND SHIT-IN PERSSIER, AND HECOVERIES	38. GROLO	GEOLOGIC MARKERS	
i a	TOP	ROLLON	DRNCRIPTION, CONTENTS, PTC.		TOL	And the second s
				NAME	MEAS. DEPTH	TRUE VERT DEPTH
Menefee	Csg shoe	5079	Sand, shale			
Point Lookout	5079	5300	Sand, water	Greenhorn	7555'	
Mancos	5300	6295	Sand, shale			
Gallup	6295	7355	Sand, water			
Graneros	7621	7665	Shalc			
Dakota	7665	ŢĮ.	Sand, Gas			
		-				

## Tenneco Oil **Exploration and Production** A Tenneco Company

**Rocky Mountain Division** 

PO Box 3249 Englewood, Colorado 80155 (303) 740-4800



Delivery Address: 6061 South Willow Drive Englewood, Colorado

### TABULATION OF DEVIATION TESTS

### TENNECO OIL COMPANY

INCLINATIO
3/4
10
10
1-1/4
2-1/4
1-1/20
1-1/4
1-1/4
1-1/20
1-1/20
1-3/4
20
$1-1/2^{\circ}$
1-1/4
1-3/40
$1-1/4^{\circ}$
1-3/4°
20





### AFFIDAVIT

This is to certify that to the best of my knowledge, the above tabulation details the deviation test taken on Tenneco Oil Company's well: Jicarilla C 8E, 1020' FNL, 870' FEL, Section 13, T26N R5W, Rio Arriba, New Mexico.

Signed:

Agent for Tenneco Oil Company

THE STATE OF COLORADO CITY AND COUNTY OF DENVER)

Before me, the undersigned authority, on this day, personally appeared,
David Lane , known to me to be an Agent for Tenneco Oil
Company, and to be the person whose name is subscribed to the above statement,
who, being by me 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
24th day of July 1981.

Charlette Glaragans

My Commission Expires: 6/34/85

UNITED STATES	5. LEASE	
DEPARTMENT OF THE INTERIOR	eontract #108	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
	/ Jicarilla	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NA	ME 
eservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME	:
1. oil gas well tx other	Jicarilla C	
Well Well Strice	<b>9.</b> WELL NO. 8E	
2. NAME OF OPERATOR Tenneco Oil Company	10. FIELD OR WILDCAT NA	ME
3. ADDRESS OF OPERATOR	Basin Dakota	(IVI L
P. O. Box 3249, Englewood, CO 80155	11. SEC., T., R., M., OR BL	K. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA	
below.)	Section 13, T26	
AT SURFACE: 1020' FNL 870' FEL "A" AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH	
AT TOTAL DEPTH:	Rio Arriba	New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW	DE KDB AND WD
	6793' gr.	DI, KDB, AND ND)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	<u> </u>	
FRACTURE TREAT	two constraints and a second	
SHOOT OR ACIDIZE		
REPAIR WELL	(NOTE: Report results of mult	tiple completion or zone
PULL OR ALTER CASING	change on Form 9-3:	30.)
MULTIPLE COMPLETE		
ABANDON*		
(other)		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinen	all pertinent details, and girectionally drilled, give subsit to this work.)*	give pertinent dates, urface locations and
7/9/81 - RIH w/tbg and bit. Tag sand fill @ 6	545'. Reverse sam	d out to PRTD
Blew hole dry w/N2. POOH w/tbg. RIH w/tbg.	Pump out plug and	SN. Landed
tbg @ 7696'. NDBOP, NUWH. Kicked well around	w/N2. Left well:	flowing.
		-
7/10/81 - RDMOSU.		•
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	<i>f</i> :	A Company
	<b>i</b>	
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	,	
Subsurface Safety Valve: Manu. and Type	Set (	<u> 2</u> ) Ft.
18. I hereby certify that the foregoing is true and correct		
SIGNED TITLE Production Ana	11yst DATE 7/27/83	<u> </u>
(This space for Federal or State off	ice use)	
APPROVED BY TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY:	i. citi	86 000
		**= (****)

\*See Instructions on Reverse Side

And And INGTON D. 1 BY\_

JE 0 0 1981

Form 9-331 Dec. 1973

Form Approved. Budget Bureau No. 42-R1424

5. LEASE

# UNITED STATES

OFOLOGICAL CURVEY	Contract #108
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla
SUNDRY NOTICES AND REPORTS ON WELLS On not use this form for proposals to drill or to deepen or plug back to a different iservoir. Use Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME
servoir, Use Form 9-331-C for such proposals.)	D. TAKIN OK LEASE NAME
1. oil gas 🖫 other	Jicarilla C
well well wo other  2. NAME OF OPERATOR	9. WELL NO. 8E
Tenneco Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota
P. O. Box 3249, Englewood, CO 80155	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) AT SURFACE: 1020' FNL 870' FEL "A"	ec. 13, T26N R5W
AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico
AT TOTAL DEPTH:	14. API NO.
6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	1
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6793' gr.
EQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
EST WATER SHUT-OFF  RACTURE TREAT	1.00 m
HOOT OR ACIDIZE	· L
EPAIR WELL	(NOTE: Report results of multiple completion or zone
OLL OR ALTER CASING	change on Form 9–330.)
HANGE ZONES	
BANDON*	<u>.</u>
BANDON* TAA M Highery, H. H.	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and not to this work.)*  11.6# and 10.5# K-55 set at er @ 3662'. Cmt with 20 bbl halad-9. Tail w/150sx B + .6% ox 3663'. Release rig.
BANDON*	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and not to this work.)*  11.6# and 10.5# K-55 set at er @ 3662'. Cmt with 20 bbl halad-9. Tail w/150sx B + .6% ex 3663'. Release rig.
BANDON*	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and not to this work.)*  11.6# and 10.5# K-55 set at er @ 3662'. Cmt with 20 bbl halad-9. Tail w/150sx B + .6% ox 3663'. Release rig.  Set @ Ft.
BANDON*	te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and not to this work.)*  11.6# and 10.5# K-55 set at er @ 3662'. Cmt with 20 bbl halad-9. Tail w/150sx B + .6% ex 3663'. Release rig.
BANDON*  Other)  7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is domeasured and true vertical depths for all markers and zones pertiner 6/23/81 - Rig up and run 97 jts (4237') 4-1/2" 7899'. Set flow collar @ 7851' and top of line gel-water and 400 sx 65/35 and .6% gel and .6% halad-9. Plug down 6/23/81. Circ cmt to approximate to approximate Subsurface Safety Valve: Manu. and Type  18. I hereby certify that the foregoing is true and correct argued to the production Action of the production of the production Action of the production action of the production action of the production of the production of the production action of the production action of the production of the pr	te all pertinent details, and give pertinent dates, firectionally drilled, give subsurface locations and int to this work.)*  11.6# and 10.5# K-55 set at er @ 3662'. Cmt with 20 bbl halad-9. Tail w/150sx B + .6% ox 3663'. Release rig.  Set @ Ft.

\*See Instructions on Reverse Side





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# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

### Contract #108 **GEOLOGICAL SURVEY** 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla 7. UNIT AGREEMENT NAME 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.) 8. FARM OR LEASE NAME Jicarilla C gas well well X 9. WELL NO. 2. NAME OF OPERATOR 8E10. FIELD OR WILDCAT NAME Tenneco Oil Company 3. ADDRESS OF OPERATOR Basin Dakota 11. SEC., T., R., M., OR BLK. AND SURVEY OR P. O. Box 3249, Englewood, CO 80155 **AREA** 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) Sec. 13, T26N R5W AT SURFACE: 1020' FNL 870' FEL "A" 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: <u>Rio Arriba</u> New Mexico AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6793' ar. REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion REPAIR WELL PULL OR ALTER CASING change on Form 9-3 MULTIPLE COMPLETE CHANGE ZONES **ABANDON\*** □D 3 GEOGRAFISHRYET (other) FARMHUS II, I M. 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.)\* 7/7/81 - MIRUSU. NUWH. NUBOP. Talleyed and RIH w/tbg and 3-7/8" bit. Tag cmt @ 7800'. Drill to PBTD of 7890'. PT csg to 3000 PSI. Circ hole w/1% KCL water. Spot 500 gals 7-1/2% DI HCL across perfs. POOH w/tbq. 7/8/81 - Perf w/2 JSPF from 7670-76', 12 holes. Perf w/1 JSPF from 7768-80', 7848-60', 24 holes. Break down formation @ 3100 PSI. Estab rate of 28 BPM and 3000 PSI. Acidized and balled off w/1200 gal 15% weighted acid, 54 1.1 ball slrs. Rate 25 BPM to 2800 PSI. Ball off complete. Round trip junk basket to PBTD. Recovered 54 balls, 23 hits, frac'd w/105,000# 20/40 sd and 90,000 gals 30# crosslink gel.

(This space for Federal or State office use)

TITLE

TITLE Production AnalystoATE

SIGNED

Subsurface Safety Valve: Manu. and Type \_\_\_

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

DATE

\_ Set @ \_\_\_\_\_ Ft.

\*See Instructions on Reverse Side

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UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	Contract #108
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME
eservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 🖂	Jicarilla C
well well X other	9. WELL NO.
2. NAME OF OPERATOR	8E .
Tenneco Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota
Box 3249 Englewood Co. 80155	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) AT SURFACE: 1020' FNL 870' FEL "A"	<u>Sec 13, T26N, R5W</u>
AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH:	Rio Arriba New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT. OR OTHER DATA	15 ELEVATIONS (CHOW DE KDD AND WD)
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6793' gr
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF   MRECEIVE	
RACTURE TREAT	
SHOOT OR ACIDIZE   JUN 29 186	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9-380.)
MULTIPLE COMPLETE 🗍 🗍 🗗 S. GCOLOGICAL SU	Rivay
CHANGE ZONES   FARMINGTON, N. A	W. State of the st
ABANDON*	The same of the sa
other) commence diffing operations	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d	e all pertinent details, and give pertinent dates, irectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertinen	at to this work.)*
6/14/81 MIRURT. Spud well 6/13/81 w/Four Corne	ers rig #8. Drill to 328'. Circ
hole. RU and run 8 jts 9 5/8" 36# K-55 STC csg	
B w/2% CACL, and .6% Flocele. Plug down. Circ	
pressure test to 1000 PSI for 30 mins. Resume d	
6/18/81 Drill to 3819'. Short trip. Circ and	
7" 23# csg (K-55 STC) 99 jts set @ 3818'. Cmt w	1/20 bbls chem wash. 550 sx Howco
Lite. Tail in w/150 sx B w/2% CACL. Lost circ	
sure: 200-700 PSI. Plug down w/1200 PSI. Est t	
6/19/81 Set slips, cut off csg. WOC. Pressure	
Unload hole. Dry up and drill ahead.	
• •	

		Set @ Ft.
18. I hereby/certify that the foregoing	is true and correct	Adm.Mgr. DATE 6/23/81
SIGNED (INLY )	Asst.Div.	Adm.Mgr. DATE6/23/81
	(This space for Federal or S	State office use)
APPROVED BY	TITLE	DATE
		RO EPTL COLUMBS

\*See Instructions on Reverse Side

JUL 2 1981

5. LEASE

## UNITED STATES DEDADTMENT OF THE INTEDIOR

DEP	ARTMENT OF GEOLOGICA	THE INTERIO	)R	Contract #108  6. IF INDIAN, ALLOTTEE C Jicarilla	R TRIBE NAME
SUNDRY NO (Do not use this form for reservoir, Use Form 9-33	r proposals to drill	or to deepen or plu		7. UNIT AGREEMENT NAM  8. FARM OR LEASE NAME	
1. oil gas well wel	other			Jicarilla C  9. WELL NO.	
2. NAME OF OPER Tenneco Oil 3. ADDRESS OF O P. O. Box 3	Company PERATOR	rood CO 90	 )155	8E  10. FIELD OR WILDCAT NA Basin Dakota	
4. LOCATION OF W below.) AT SURFACE: AT TOP PROD. AT TOTAL DEPT	VELL (REPORT L 1020' FNL INTERVAL:		LY. See space 17	11. SEC., T., R., M., OR BL AREA Sec. 13, T26N R 12. COUNTY OR PARISH Rio Arriba	5W
16. CHECK APPROP REPORT, OR O		INDICATE NATI	JRE OF NOTICE,	14. API NO.  15. ELEVATIONS (SHOW I 6793' gr.	DF, KDB, AND WD)
including estima	ASING	PLETED OPERAT	IONS (Clearly stat d work. If well is d and zones pertiner	(NOTE: Report results of multi- change on Form 9-33 e all pertinent details, and g lirectionally drilled, give substi	(ive pertinent dates.
			nanges in cas	sing and cementing p	rogram:
12-1/4"	9-5/8"	36#	± 300'	Circ cmt to surfac	e
8-3/4"	7"	23#	± 3800°	Circ cmt to surfac	е
6-1/4"	4-1/2" 1	0.5, 11.6#	± 8040'	Circ cmt to liner	top
Subsurface Safety Va	alve: Manu. and 1	ype		Set @	D Ft.
18. I hereby certify to	that the foregoing			Agr. DATE 5/5/81	
4000000		•	or Federal or State of		POVED
APPROVED BYCONDITIONS OF APPR	OVAL, IF ANY:	TITLE	199 <b>0</b>	MAY	1 2 1981

\*See Instructions on Reverse Side

MINT IN 1301

PERMIT NO. .

SUBMIT IN TRIPLICATE®

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

	DEI VICTARIA!	01 1112 1	NI LINION		1	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOG	SICAL SURVI	EY			Contract #108
APPLICATION	N FOR PERMIT T	O DRILL, [	DEEPEN, OI	R PLUG I	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla
a. Tipe of Work	LL 🛚	DEEPEN [	<del>-</del> 7	PLUG BA	$\alpha \sqcap \uparrow$	7. UNIT AGREEMENT NAME
b. Type of Well	LL LA	DEEPEN	' رہے	PLUG BA	CC L	•
OIL C	AS OTHER		SINGLE X	MULTI Sone	PL	6. PARM OR LEASE NAME
. NAME OF OPERATOR						Incarilla C
	Oil Company					9. WMLL NO.
. ADDRESS OF OPERATOR					$n \perp$	#8E
P.O. Box	3249, Englewood	, Colorado	80255	EIVE	·	10. FIELD AND POOL, OR WILDCAT
At surface	eport location clearly and	in accordance wit	war state redail	rements.")	, i V	Basin Dakota
•	FNL, 870 FEL		I DEC	3 1 5 198	٠ · ا	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
At proposed prod. son	e aa abarra		1	Lindon No. S	UEVEY	Sec. 13, T26N, R5W
Same	AS ADOVE	EST TOWN OR POS	r offices S G	On Son San San San San San San San San San Sa	1	12. COUNTY OR PARISH   13. STATE
Approxim	e as above and direction from Mean ately 20 miles N	W of Lindr	ith N. M.			Rio Arriba N.M.
D. DISTANCE PROM PROPU	AED.	W OI DINGI	16. NO. OF ACRE			<u></u>
PROPERTY OF LEASE L	.ine, pt.	870	2560		10 TH	ACRES ASSIGNED IS WELL //320
(Also to bearest drig 18. DISTANCE FROM PROP	OSED LOCATION®		19. PROPOSED DE	PTH		Y OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON THE	RILLING, COMPLETED, 18 12ASE, PT.		±81	10	Rot	ary
1. ELEVATIONS (Show who	sther DF, RT, GR, etc.)				<del></del>	22. APPROX. DATE WORE WILL START
		6793 GR				March 1981
23.	P	ROPOSED CASIN	G AND CEMEN	TING PROGR	AM	
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER P	DOT SETT	ING DEPTH		QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	l l	±300	-   <del></del>	late to surface
7 7/8"	4 1/2" new	11.6#, 10	)•5# ±	8110	Cement	in two stages
Elimina visit en	ARE					oden et de de etaninishmika et jurcuent in 50 CFR 290.
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one. If proposal is to	drill or deepen directional	roposal is to deep ly, give pertinent	en or plug back, data on subsurfa	give data on p ace locations a	resent produ	ective proposed new productive
reventer program, if an	y.	·			. Andrews	
" <i>D</i> /	(1' minter	<i>a ,</i>	Sr. Prod	uction A	nalvet	December 10, 1980
SIGNED	1 R. A. Hish	ter m	78			December 10, 1980
(This space for Fede	ral or State office use)	7,75				
	APPRO	VEU				-

CONDITIONS OF APPROVAL, IF ANX: BUAN 8, 1981

FOR JAMES F. SIMS

DISTRICT ENGINEER

See Instructions On Reverse Side

APPROVAL DATE

DATE.

## OIL CONSERVATION DIVISION

# STATE OF NEW MEXICO

## P. O. DOX 2008 SANTA FE, NEW MEXICO 87501

form C-107 Revised 10-1-72

All distances must be from the exter houndaries of the Section.

Operator					Legge						Well No.
TENNECO O		NY			JICARILLA C			8E			
Unit Letter	Section		Township		Rang			County			
A Actual Footage Loc	13	11.	26N			5W	- 1	Ric	Arriba		
1020	feet from	••	r <b>t</b> h	94	870	1			Foot		
Ground Level Elev:		ducing For		line and	Pool		leet	from the	East		line ited Acreager
6793	1	Dakota		1	_	sin Dal	kota				320 Acres
1. Outline tl	he acreag	e dedica	ted to the	s aubject we				r hachure	marks on	the pla	
2. If more the interest a			dedicated	to the well	, outlin	e each a	and ide	ntify the	ownership	thereo	(both as to working
				wnership is d , force-pooli		d to the	well,	have the	interests o	of all o	owners been consoli-
Yes	☐ No	If an	swer is "	yes;' type of	f consol	idation					
If answer	is **no!*	list the	owners an	d tract dear	riptione	which h	ave ac	tually h	en consoli	datad	(Use reverse side of
this form											/Cac icverse side of
No allowa	ble will b	e assign	ed to the v	vell until all	interes	ts have	been c	onsolida	ited (by co	mmunit	ization, unitization,
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# TENNECO OIL COMPANY ROCKY MOUNTAIN DIVISION PENTHOUSE, 720 SOUTH COLORADO BOULEVARD DENVER, COLORADO 80222

## DRILLING PROCEDURE

DATE:	September	23,	1980
-------	-----------	-----	------

LEASE: Jicarilla

LOCATION: 1020 FNL, 870 FEL FIELD: Basin Dakota Section 13, T26N, R5W

WELL NO.: C#8E

Rio Arriba County, New Mexico

ELEVATION: 6793 (Est. G.L.)

TOTAL DEPTH: 8110

PROJECTED HORIZON: Dakota

SUBMITTED BY: David Kranz DATE: September 23, 1980

APPROVED BY: DATE: 9/2.5/80

CC: Administration DSB Well File Field File

## ESTIMATED FORMATION TOPS

Ojo Alamo	2330	Water
Pictured Cliffs	3120	Gas
Lewis	3140	Shale
Mesaverde	5235	Gas
Mancos	6045	Shale
Greenhorn	7720	Lmy SS
Dakota A	7810	Gas
TD	8110	

## DRILLING, CASING AND CEMENTING PROGRAM

- MIRURT
- 2. Drill a 12½" Hole to  $\pm$  300' with Gel-Water Mud.
- 3. RU and run 9 5/8", 36#, K-55, ST&C casing to TD. Cement with Class B + 2% CaCl<sub>2</sub> in sufficient quantity to circulate cement to surface. WOC 12 hours.
- 4. Screw on 9 5/8 8rd x 11-3000 casing head, NU BOPS. Pressure test casing, lines and blinds to 1000 PSI for 30 minutes. GIH with drill pipe and test pipe rams to 1000 PSI for 30 minutes. Record all tests on IADC Report.
- 5. Drill out using a 7 7/8" Bit to T.D. Log open hole as directed by G.E. Department.
- 6. Run 4½" 11.6 and 10.50# K-55 ST&C as designed.
- 7. Cement in two stages with sufficient volume to circulate cement to surface. Locate DV tool + 250' above Cliffhouse to prevent lost returns in Mesa Verde. Lead in first stage with light cement (pozmix, Halliburton lite, etc.). Tail in with sufficient volume of Class "B" cement to cover the Dakota. Circulate a minimum of four hours between stages. Lead in second stage with light cement.
- 8. MORT
- 9. Install tree and fence reserve pit.
- 10. If non-productive, P & A as required by the USGS.

## Casing Program

Interval	Length	Size	<u>Weight</u>	Grade	Coupling
0-300	300	9 5/8	36#	K-55	STC
7070-8110	1040	4 1/2	11.6#	K-55	STC
0-7070	7070	4 1/2	10.5#	K-55	STC

## MUD PROGRAM

0-300 Native solids. Have sufficient viscosity to gel chemical to clean hole and run casing.

300-TD Low solids. Gel chemical. 32 viscosity and 10-15 water loss down through the Mancos. Before reaching Gallup, add 6% LCM and run viscosity at 38-40 seconds. After penetrating Gallup, let LCM drop.

## EVALUATION

Cores and DST's: None.

Deviation Surveys:

- 1. Survey surface hole at 100' intervals. Maximum allowable deviation at 500' is  $1-1/2^{\circ}$ .
- From surface to toal depth, deviation surveys must be taken every 500' or each trip, whichever is first. The may entail running the TOTCO on wireline. Record each survey on the IADC Drilling Report Sheet. Maximum allowable change in deviation is 1° per 100'. Maximum deviation allowable is 5°.

Samples: As requested by Wellsite Geological Engineer.

Logs: 1. GR/IND FDC-GR-Cal TD to MV

## BLOWOUT EQUIPMENT

11" - 3000 BOP with rotating head to comply with TOC requirements as shown in BOE arrangement, Figure C. Preventers must be checked for operation every 24 hours with each check recorded on the IADC Drilling Report Sheet.

## REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

- 1. 303-758-7130 (Office) Don Barnes 303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.) 303-936-0704 (Home) Don Barnes, weekends and holidays.
- 2. John Owen (Home) 303-795-0221

The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: Drilling Department

IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

- 1. Mr. Don Barnes, Division Drilling Engineer.
- 2. Mr. John W. Owen, Project Drilling Engineer.
- 3. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).

### TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation:

2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)

4. Proposed Casing Program:

(See Attached Drilling Procedure)

5. Blowout Preventors:

Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.

San Jose

6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

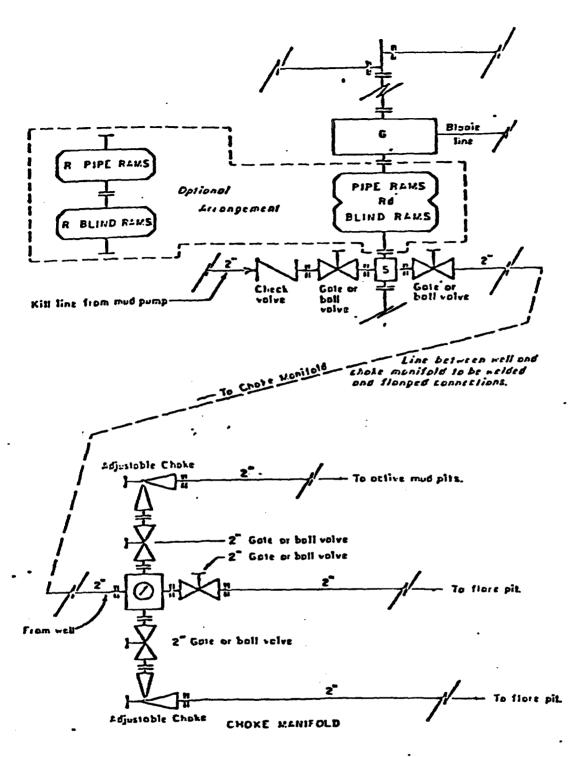
(See Attached Drilling Procedure.

- 7. Auxiliary Equipment:
  - a. Kelly cock will be in use at all times.
  - b. Stabbing valve to fit drill pipe will be present on floor at all times.
  - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
  - d. Floats at bits.
  - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
- 8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)

- 9. No abnormal pressures, temperatures or potential hazards such as H<sub>2</sub>S are expected to be encountered.
- 10. The drilling of this well will start approximately ( ) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.



All equipment to be 3,000 psi working pressure except os noted.

- Rd Double sam type preventer with two sets of roms.
- R Single rom type preventer with one set of roms.
- S Dritting spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

## ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AN
CHOKE MANIFOLD
J. MAGILL 10-26-70 EVI

- 1. Existing Road Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
- 2. Planned Access Roads Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20°) in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- 3. Location of Existing Wells Please refer to Map No. 2.
- 4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines Please refer to Maps No. 1 and No. 2. Map No. 2 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
- 5. Location and Type of Water Supply Water for the proposed project will be obtained from a private source.
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.
- 7. Methods of Handling Waste Materials All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at lease three feet (3'). A latrine, the location of which is also shown on Plat No. 1. will be provided for human waste. If large amounts of liquids are I left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainage; all earthen pits will be so constructed as to prevent leakage from occurring.

- 8. Ancillary Facilities No camps or airstrips will be associated with this project.
- 9. Wellsite Layout Please refer to the attached Plat No. 1.
- 10. Plans for Restoration of the Surface After completion of the proposed project the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
- 11. Other Information The location is located on sandy soil in a canyon bottom.

  Drainage is easterly. Vegetation includes sage, Indian rice grass, galleta, alkalai socotone, blue grama, sanddropseed, greasewood, and other native grasses.
- 12. Operator's Representative See drilling prognosis.
- 13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements mad in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

R. A. Mishler

Sr. Production Analyst

