

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

D 40.00 Indian owned A	C 40.00 Indian owned	B 40.00 Indian owned A	A 40.00 Indian owned A A
E 40.00 Indian owned A	F 40.00 Indian owned	G 40.00 Indian owned	H 40.00 Indian owned
L 40.00 Indian owned	K 40.00 Indian owned	J 40.00 Indian owned A	I 40.00 Indian owned A
M 40.00 Indian owned A A	N 40.00 Indian owned	O 40.00 Indian owned	P 40.00 Indian owned A

County Rio Arriba Pool BS Mesa-Gallup

TOWNSHIP 26 North Range 5 West NMPM

6	5	4	3			1
7	8	9	10	11		12
18	17	16	15	14		13
19	20	21	22	23		24
30	29	28	27	26		25
31	32	33	34	35		36

Ext: A11 Sec. 1, ^{SE}4 Sec. 2 (A-8022, 8-22-85)

Ext: ^{NE}4 Sec. 2 (R-10178, 8-30-94) Ext: ^{SW}4 Sec. 2 (A-10357, 8-2-95)

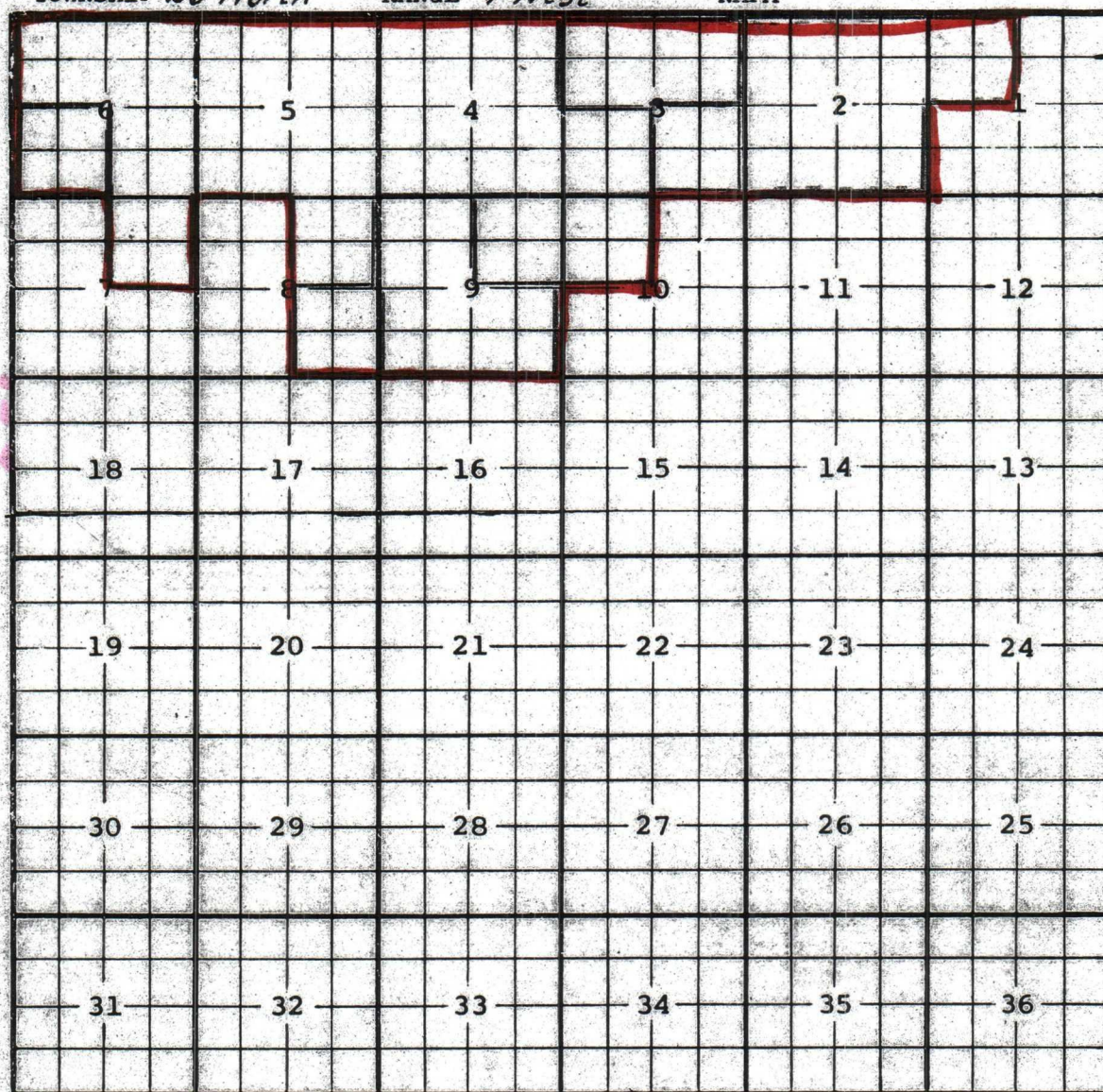
COUNTY Rio Arriba POOL BS Mesa - Gallup

POOL BS Mesa - Gallup

TOWNSHIP 26 North

RANGE 4 West

NMPM



Description: $\frac{SW}{4}$ Sec. 3; All Sec. 4 & 5; $\frac{N}{2}$ & $\frac{SE}{4}$ Sec. 6; $\frac{NE}{4}$ Sec. 7; $\frac{NE}{4}$ Sec. 8 (R-3856, 11-1-69)

Ext: $\frac{N}{2}$ Sec. 3; $\frac{NE}{4}$ Sec. 9; $\frac{NW}{4}$ Sec. 10 (R-4260, 3-1-72) Ext: $\frac{SE}{4}$ Sec. 3 (R-5779, 8-1-78)

Ext: ^W/2 and ^{SE}/4 Sec. 9 (R-7046, 8-6-82) Ext: ^{NW}/4 Sec. 1, All Sec. 2, ^{SW}/4 Sec. 6 (R-6886, 1-22-82) Ext: ^{SE}/4 Sec. 8 (R-8022, 8-22-85)

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

CASE No. 4229
Order No. R-3856

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

CASE No. 4229
Order No. R-3856

(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

CASE No. 4229
Order No. R-3856

(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

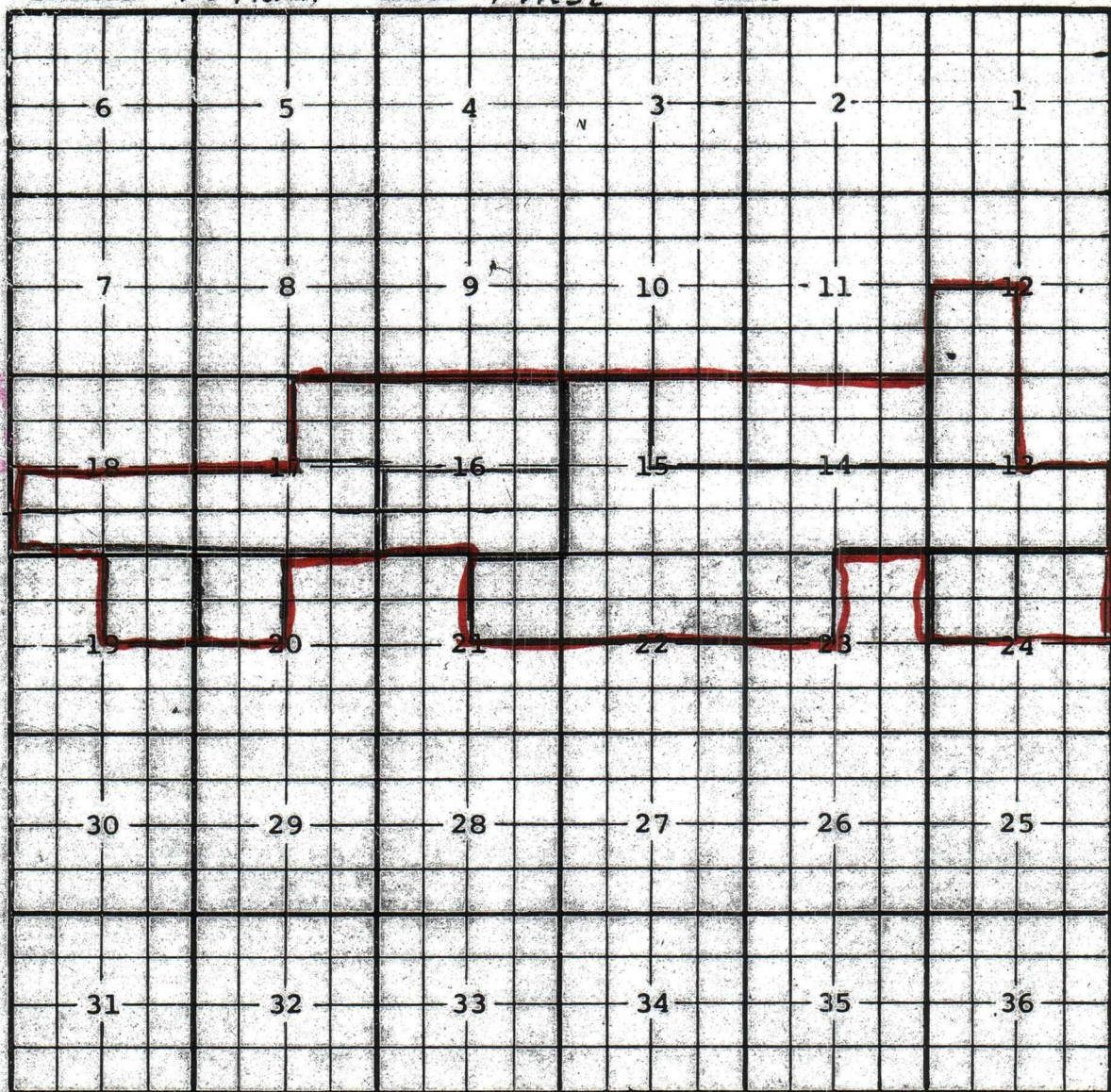
S E A L

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

esr/

COUNTY Rio Arriba POOL Wild Horse - Gallup

TOWNSHIP 26 North RANGE 4 West NMPM



Description: $\frac{S}{2}$ Sec 13; $\frac{S}{2}$ Sec 14; $\frac{W}{2}$ & $\frac{SE}{4}$ Sec 15; $\frac{NE}{4}$ Sec 21; $\frac{N}{2}$ Sec 22;
 $\frac{NW}{4}$ Sec 23 (R-3856, 11-1-69) - $\frac{SW}{4}$ Sec 12; $\frac{NW}{4}$ Sec 13; $\frac{NW}{4}$ Sec 14 (R-4260, 3-1-72)
Ext: $\frac{N}{2}$ Sec 14, $\frac{NE}{4}$ Sec 24 (R-5129, 1-1-76) Ext: $\frac{S}{2}$ Sec 16 (R-6180,
11-1-79) Ext: $\frac{N}{2}$ Sec 16, $\frac{NE}{4}$ Sec 17 (R-8022, 8-22-85)
Ext: $\frac{S}{2}$ Sec 17, $\frac{S}{2}$ Sec 18 (R-8585, 11-1-88) Ext: $\frac{NW}{4}$ Sec 20 (R-8915, 4-24-89)
Ext: $\frac{NE}{4}$ Sec 19 (R-9362, 12-1-90)

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

CASE No. 4229
Order No. R-3856

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

S E A L

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

esr/

CMD : ONGARD 08/03/04 11:21:35
OG6IWCW INQUIRE WELL COMPLETIONS OGOMES -TOEY

API Well No : 30 39 8148 Eff Date : 01-01-2004 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 222374 CDX RIO, LLC
Prop Idn : 33461 JICARILLA C

Well No : 008
GL Elevation: 7202

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

B.H. Locn : E 13 26N 05W FTG 1850 F N FTG 790 F W P
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : J
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD : ONGARD
 OG6ACRE C102-DEDICATE ACREAGE

08/03/04 11:21:39
 OGOMES -TQEX
 Page No : 1

API Well No : 30 39 8148 Eff Date : 04-30-1991
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 33461 JICARILLA C
 Spacing Unit : 34696 OCD Order :
 Sect/Twp/Rng : 13 26N 05W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land: Well No : 008
 Simultaneous Dedication:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	13	13	26N	05W	40.00	N	IN		
B	13	13	26N	05W	40.00	N	IN		
C	13	13	26N	05W	40.00	N	IN		
D	13	13	26N	05W	40.00	N	IN		
E	13	13	26N	05W	40.00	N	IN		
F	13	13	26N	05W	40.00	N	IN		
G	13	13	26N	05W	40.00	N	IN		
H	13	13	26N	05W	40.00	N	IN		

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

CMD : ONGARD 08/03/04 11:21:47
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TQFY
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	01 00 31	890	P
30 39	8148 JICARILLA C	02 00 29	874	P
30 39	8148 JICARILLA C	03 00 31	905	P
30 39	8148 JICARILLA C	04 00 30	581	P
30 39	8148 JICARILLA C	05 00 31	944	P
30 39	8148 JICARILLA C	06 00 30	667	P
30 39	8148 JICARILLA C	07 00 31	714	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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

CMD : ONGARD 08/03/04 11:21:49
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQRY
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	08 00 31	427	P
30 39	8148 JICARILLA C	09 00 30	809	P
30 39	8148 JICARILLA C	10 00 31	780	P
30 39	8148 JICARILLA C	11 00 30	396	P
30 39	8148 JICARILLA C	12 00 31	661	P
30 39	8148 JICARILLA C	01 01 31	669	P
30 39	8148 JICARILLA C	02 01 28	489	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

CMD : ONGARD 08/03/04 11:21:51
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQFY
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	03 01 31	645	P
30 39	8148 JICARILLA C	04 01 29	495	P
30 39	8148 JICARILLA C	05 01 22	193	P
30 39	8148 JICARILLA C	06 01 30	205	P
30 39	8148 JICARILLA C	07 01 31	391	P
30 39	8148 JICARILLA C	08 01 21	539	P
30 39	8148 JICARILLA C	09 01 30	1	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

08/03/04 11:21:52
OGOMES -TQEX
Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39	8148 JICARILLA C	10 01 31	40	P
30 39	8148 JICARILLA C	11 01 30	14	P
30 39	8148 JICARILLA C	12 01 31	127	P
30 39	8148 JICARILLA C	01 02 31	13	P
30 39	8148 JICARILLA C	02 02 22	35	P
30 39	8148 JICARILLA C	03 02 31	14	P
30 39	8148 JICARILLA C	04 02 30	14	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

CMD : ONGARD 08/03/04 11:21:53
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEX
 Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	05 02 31	39	P
30 39	8148 JICARILLA C	06 02 30	109	P
30 39	8148 JICARILLA C	07 02 16	80	P
30 39	8148 JICARILLA C	08 02 31	53	P
30 39	8148 JICARILLA C	09 02 17	25	P
30 39	8148 JICARILLA C	10 02 28	16	P
30 39	8148 JICARILLA C	11 02 21	12	P

Reporting Period Total (Gas, Oil) : 12901

E0049: User may continue scrolling.

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

CMD : ONGARD 08/03/04 11:21:54
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEX
Page No: 6

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No		Property Name	Prodn. Days MM/YY Prod	Production Volumes		Well
				Gas	Oil	Water Stat
30	39	8148 JICARILLA C	12 02 30	35		P

Reporting Period Total (Gas, Oil) : 12901

E0049: User may continue scrolling.

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

CMD : ONGARD 08/03/04 12:36:04
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGMES -TQEX
 Page No: 1

OGRID Identifier : 222374 CDX RIO, LLC

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39	8148 JICARILLA C	01 04 31	46	F
30 39	8148 JICARILLA C	02 04 29	116	F
30 39	8148 JICARILLA C	03 04 26	159	F
30 39	8148 JICARILLA C	04 04 27	287	F
30 39	8148 JICARILLA C	05 04 29	388	F

Reporting Period Total (Gas, Oil) : 996 44

M0025: Enter PF keys to scroll

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

CMD : ONGARD 08/03/04 11:21:05
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TQEX

API Well No : 30 39 8148 Eff Date : 08-22-2001 WC Status : P
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
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)
B.H. Locn	:	E	13	26N	05W	FTG 1850 F N FTG 790 F W	P
Lot Identifier:							
Dedicated Acre:							
Lease Type	:	J					
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

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

CMD : ONGARD 08/03/04 11:21:22
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEX
 Page No: 1

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

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	01 00 31	3562 157 76	P
30 39	8148 JICARILLA C	02 00 29	3495 30	P
30 39	8148 JICARILLA C	03 00 31	3622 5 66	P
30 39	8148 JICARILLA C	04 00 30	2322 23 192	P
30 39	8148 JICARILLA C	05 00 31	3774 42 20	P
30 39	8148 JICARILLA C	06 00 30	2667 2	P
30 39	8148 JICARILLA C	07 00 31	2857	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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

CMD : ONGARD 08/03/04 11:21:25
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQFY
Page No: 2

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

API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 39	8148 JICARILLA C	08 00	31	1709			P
30 39	8148 JICARILLA C	09 00	30	3237			P
30 39	8148 JICARILLA C	10 00	31	3120			P
30 39	8148 JICARILLA C	11 00	30	1584			P
30 39	8148 JICARILLA C	12 00	31	2644			P
30 39	8148 JICARILLA C	01 01	31	2676	15		P
30 39	8148 JICARILLA C	02 01	28	1958			P

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

E0049: User may continue scrolling.
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/03/04 11:21:26
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEX
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 39 8148 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39	8148 JICARILLA C	03 01 31	2578	P
30 39	8148 JICARILLA C	04 01 29	1981	P
30 39	8148 JICARILLA C	05 01 22	774	P
30 39	8148 JICARILLA C	06 01 30	820	P
30 39	8148 JICARILLA C	07 01 31	1563	P
30 39	8148 JICARILLA C	08 01 27	2154	P

Reporting Period Total (Gas, Oil) : 49097 277 1589

E0049: User may continue scrolling.

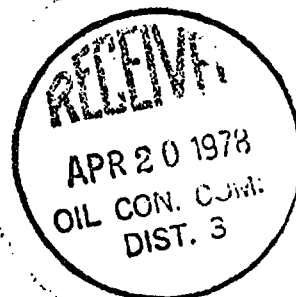
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPPOOL PF11 NXTOGD PF12

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

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.

(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 shut-in 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.

Case No. 6011
Order No. R-5707

(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.

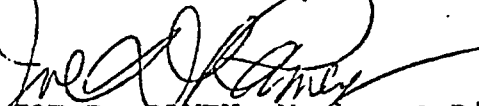
DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member



JOE D. RAMEY, Member & Division
Director

S E A L

jr/

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.

(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

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

S E A L

esr/

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A

Submit to appropriate District Office

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Change of Operator

Previous Operator Information:

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

New Operator Information:

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

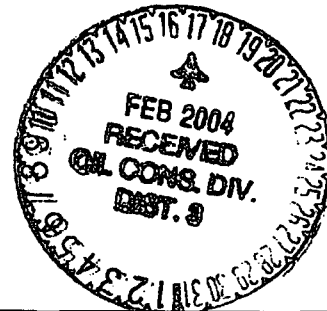
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given to the new operator on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Ronald D. Johnston

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

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

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



Previous operator complete below:

Previous Operator: BP America Production Company

Previous OGRID: 000778

Signature: Cherry Hlava

Printed Name: Cherry Hlava

NMOCD Approval

Signature: 37.8
SUPERVISOR DISTRICT #3

Printed Name: _____

District: _____

Date: FEB 17 2004

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

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

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

Change of Operator Name

OGRID: 000778
Effective Date: 12/31/2001

Previous Operator Name and Information:

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

New Operator Name and Information:

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

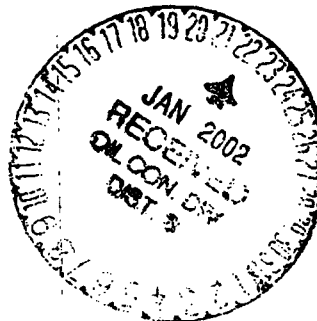
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Mary Corley

Printed
name: Mary Corley

Title: Senior Regulatory Specialist

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



NMOCD Approval

Signature: [Signature]

Printed Name: SUPERVISOR DISTRICT #3

District: JAN 23 2002

Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC CONT 108
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 3092 HOUSTON, TX 77079		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700		8. Well Name and No. JICARILLA C 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T26N R01W Mer SWNW 1850FNL 790FWL		9. API Well No. 30-039-08148
		10. Field and Pool, or Exploratory BLANCO MESA VERDE
		11. County or Parish, and State RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	


13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/22/01

MIRU SU check pressures, 300# Tbg & Csg. NDWH, NUBOP, SIFN. TBG press 300# CSG press 300#, Blow well DN TOH w/Tbg. TIH & CIBP @7940'. RUSU prmp 2 sks at 7940'; Pull 14 stds prmp 2 sks at 7053', Laid DN 5 jts & pull 25 stds SI SDFN. TIH & tag CMT plug 6454'. TOH stand 86 stds Laid DN on Float 85 jts, TIH w/prod. string & landed TB @5897'. NDBOP, NUWH, RDMO.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6830 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 08/29/2001 ()	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature	Date 08/29/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	lands and Mineral Resources	Date 9/18/01
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.	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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
JIC CONT 108

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
JICARILLA C 8

9. API Well No.
30-039-08148

10. Field and Pool, or Exploratory
BASIN DAKOTA/MESA VERDE

11. County or Parish, and State
RIO ARriba COUNTY, NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: CHERRY HLAVA
E-Mail: hlavaci@bp.com

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

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

Sec 13 T26N R5W Mer SWNW 1850FNL 790FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company respectfully request permission to P&A the Basin Dakota therefore making the subject well a single completion in the Blanco Mesaverde per the attached procedure.



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

Electronic Submission #5782 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco
Committed to AFMSS for processing by Angie Medina-Jones on 07/20/2001 ()

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature

Date 07/19/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Patricia M. Hester</i>	Lands and Mineral Resources	Date 7-25-01
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	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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Submit subsequent report when work complete

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

Jicarilla C 8
Rio Arriba County, NM
Unit E Section 13 T26N - R5W
Run 55

7/12/2001
ATK

KB: 10'

10-3/4" 32.8# @ 433'

7-5/8" 26.4# J55 @
4000'

MV perfs:

5462' - 5463' sqzd
5465' - 5467'
5471' - 5474'
5497' - 5498' sqzd
5501' - 5502'
5503', 5505', 5509',
5510', 5512', 5514',
5515', 5516', 5520',
5527', 5529',
5533' - 5534'
5538', 5543', 5983',
5985', 5988', 6055',
6103'

DV tool @ 6268'

DK Perfs:

8012' - 8022'
8027' - 8029'
8033' - 8035'
8039' - 8041'
8055' - 8057'
8140' - 8144'
8148' - 8156'
8180' - 8182'
8202' - 8206'
8224' - 8234'

F-nipple @ 8101'

2-3/8" 4.7# J55 EU 8RD @
8134'

4-1/2" 11.6 J55 @
8261'

PBTD: 8230'
TD: 8261'

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator AMOCO PRODUCTION COMPANY		Well APN No. 300390814800
Address P.O. BOX 800, DENVER, COLORADO 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8	Pool Name, Including Formation basin DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter E : 1850 Feet From The FNL Line and 790 Feet From The FWL Line Section 13 Township 26N Range 5W NMPM RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

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

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations								
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
AUG 23 1990 OIL CON. DIV. 1 DIST. 3								

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)


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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


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

OIL CONSERVATION DIVISION

Date Approved **AUG 23 1990**

By 
Title **SUPERVISOR DISTRICT #3**

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator AMOCO PRODUCTION COMPANY		Well APN No. 300390814800
Address P.O. BOX 800, DENVER, COLORADO 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JUCARILLA C	Well No. 8	Pool Name, Including Formation BLANCO MESAVERDE (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter E : 1850 Feet From The FNL Line and 790 Feet From The FWL Line Section 13 Township 26N Range 5W , NMPM RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

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

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		
RECEIVED AUG 23 1990 OIL CON. DIV. DIST. 3								

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)


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

GAS WELL

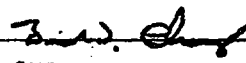
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


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

OIL CONSERVATION DIVISION

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

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company		Well API No. 3003908148
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8	Pool Name, including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 9000108
Location Unit Letter E 1850 Feet From The FNL Line and 790 Feet From The FWL Line Section 13 Township 26N Range 5W, NMPM, RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
NORTHWEST PIPELINE CORPORATION	P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899					
If well produces oil or liquids, give location of tanks.	Unit	Soc.	Twp.	Rge.	Is gas actually connected?	When?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DP, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

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

OIL CONSERVATION DIVISION

Date Approved MAY 08 1989

By *B. D. Chang*
SUPERVISION DISTRICT # 3

Title

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
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- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company		Well API No. 3003908148
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8	Pool Name, including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 9000108
Location Unit Letter E : 1850 Feet From The FNL Line and 790 Feet From The FWL Line Section 13 Township 26N Range 5W , NMPM , RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> CONOCO	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 1429, BLOOMFIELD, NM 87413	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> NORTHWEST PIPELINE CORPORATION	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
		Is gas actually connected? When?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations			Depth Casing Shoe					

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

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

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**

By *Burt D. Sherry*
SUPERVISION DISTRICT # 3
Title

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
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- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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	GAS	
OPERATOR		
PRORATION OFFICE		

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

RECEIVED
DEC 02 1987
OIL CON. DIV.
DIST. 2

I. Operator
Tenneco Oil Company

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

Reason(s) for filing (Check proper box)

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

Other (Please explain)
change of condensate transporter from Gary Energy to Conoco effective 12/1/87

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

II. DESCRIPTION OF WELL AND LEASE

* Jicarilla Cont. 108

Lease Name Jicarilla C	Well No. 8	Pool Name, including Formation Basin Dakota & Blanco NW	Kind of Lease State, Federal or Fee Indian	Lease No. *
Location				
Unit Letter E	: 1850	Feet From The North	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 Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco	P.O. Box 460, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Corporation	P.O. Box 90, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit: E Sec.: 13 Twp.: 26N Rge.: 5W	Yes

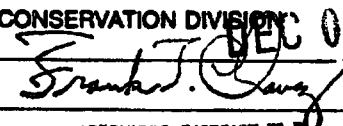
If this production is commingled with that from any other lease or pool, give commingling order number _____

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

VI. CERTIFICATE OF COMPLIANCE

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


(Signature)
Sr. Administrative Analyst
(Title)
11/20/87
(Date)

OIL CONSERVATION DIVISION
APPROVED **DEC 02 1987**
BY 
SUPERVISOR DISTRICT **30**
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only 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.

NO. OF COPIES RECEIVED	
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FILE	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

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

Form C-104
 Supersedes Old C-104 and C-11
 Effective 1-1-65

I. OPERATOR

Operator Tenneco Oil Company

Address P.O. Box 3249 Englewood, CO 80155

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☐ Change in Transporter of:

Recompletion ☐ Oil ☐ Dry Gas ☐

Change in Ownership ☐ Casinghead Gas ☐ Condensate ☒

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Jicarilla C</u>	Well No.: <u>8</u> Pool Name, including Formation <u>Basin Dakota & Blanco Mesaverde</u>	Kind of Lease State, Federal or Fee <u>Indian</u>	Lease No. <u>Jicarilla Cont. 108</u>
Location			
Unit Letter <u>E</u>	<u>1850</u> Feet From The <u>North</u> Line and <u>790</u> Feet From The <u>West</u>		
Line of Section <u>13</u>	Township <u>26N</u>	Range <u>5W</u>	County <u>Rio Arriba</u>

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Gary Energy Corporation</u>	<u>4 Inverness Ct. East Englewood, CO 80112-5591</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Northwest Pipeline</u>	<u>P. O. Box 90, Farmington, N. M. 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>Yes</u>
Unit <u>E</u> Sec. <u>13</u> Twp. <u>26N</u> Rge. <u>5W</u>	

If this production is commingled with that from any other lease or pool, give commingling order number: R-5707

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'r.	Dill. Res'r.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations			Depth Casing Shoe					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

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

OIL CONSERVATION COMMISSION
NOV 01 1984

APPROVED _____ 19 ____

BY Frank J. O'Connell
 SUPERVISOR DISTRICT # 3

TITLE _____

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

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

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

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-X1424
2. LEASE DESIGNATION AND WELL NO.
JICARILLA CONT. 108
3. WINDYAS, ALLOTTEL OR TRIBE 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 "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Tenneco Oil Company	8. FARM OR LEASE NAME JICARILLA C
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222	9. WELL NO. 8
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FNL and 1450' FWL, Unit F E 1850 790	10. FIELD AND PROV. OR WILDCAT BLANCO MESAVERDE BASIN DAKOTA 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA SEC 13, T26N, R5W 12. COUNTY OR PARISH RIO ARriba 13. STATE NM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6939 BL 7202 gl

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

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

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

5-23-78

RU WIRELINE UNIT & RIH TO RETRIEVE SEPARATION SLEEVE. FOUND SLEEVE @ 8019', JARRED SLEEVE FREE. FOUND SOME SCALE DEPOSITS. JARRED SLIDING SLEEVE OPEN. RD. BLEW TBG DN.

BEFORE WORK: 440 MCFD
AFTER WORK : 651 MCFD

(AS PER NMOCC ORDER # 5707)

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

SIGNED

Carly Matthews

TITLE: Administrative Supervisor

DATE

6/9/78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUN 15 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

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

Form C-104
 Supersedes Old C-104 and C-116
 Effective 1-1-65

Operator Tenneco Oil Company	
Address 720 So. Colorado Blvd., Denver, Colorado 80222	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	BASIN DAKOTA BLANCO MESAVERDE COMMINGLING ORDER R-5707
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

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

II. DESCRIPTION OF WELL AND LEASE

*JICARILLA CONT. 108

Lease Name JICARILLA C	Well No. 8	State, including Production BASIN DAKOTA	Kind of Lease State, Federal or Fee FEDERAL	Lease No. *
Location Unit Letter <u>E</u> : <u>1850</u> Feet From The <u>N</u> Line and <u>1450</u> Feet From The <u>W</u>				
Line of Section <u>18</u> / <u>13</u> Township <u>26N</u> Range <u>5W</u> , NMPM, <u>RIO ARRIBA</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
PLATEAU INC.	1921 BLOOMFIELD BLVD., FARMINGTON, NM 87401
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
NORTHWEST PIPELINE INC.	P.O. BOX 1526, SALT LAKE CITY, UTAH 84110
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: NO. 5707

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

Actual Prod. (200 to 250) m	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
521 (80%) Oct.	24 HRS.		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size
BACK. PR.	260	600	

VI. CERTIFICATE OF COMPLIANCE

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

Carley Statterman
 (Signature)
 Administrative Supervisor
 (Title)
6/19/72
 (Date)

OIL CONSERVATION COMMISSION
 APPROVED JUN 12 1972, 19
 BY Original Signed by A. R. Kendrick
SUPERVISOR DIST. #3
 TITLE _____

This form is to be filed in compliance with RULE 1106.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiply

Form 5-211
May 1965

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on Form 5-211)

Form 5-211
Bureau No. 42-11424
3. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Cont. ¹⁰⁸
2. NAME OF OPERATOR Tenneco Oil Company	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222	8. FARM OR LEASE NAME Jicarilla C
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850' FN and 790' FW, Unit E	9. WELL NO. 8
14. PERMIT NO.	10. FIELD AND POOL OR WILDCAT Blanco Mesaverde Basin Dakota
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7202' GR	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 13 Sec 18, T26N, R5W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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

NOTICE OF INTENTION TO:

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

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

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

Commingle

SUBSEQUENT REPORT OF:

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

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

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

PROCEDURE:

1. Rig up wireline tools and open sliding sleeve in 2-3/8 tbg. Pkr @ 7925'.
2. Swab well in.
3. Return well to production with both zones producing up tbg.
4. Clean up location.

This work to be done in compliance with New Mexico Oil Conservation Commission Order #R-5707 (4/18/78)

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

SIGNED

Curly Shattuck

TITLE: Administrative Supervisor

DATE

5/18/78

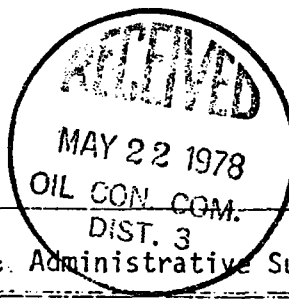
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*See Instructions on Reverse Side

UNITED STATES
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GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 108
2. NAME OF OPERATOR Tenneco Oil Company	6. IF INDIAN, ALLOTTEE, OR TRIBE NAME Jicarilla, Dulce, N.M.
3. ADDRESS OF OPERATOR 1860 Lincoln St., Suite 1200, Denver, Colo. 80295	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850 ' FNL and 790 'FWL, Unit E	8. FARM OR LEASE NAME Jicarilla "C"
14. PERMIT NO.	9. WELL NO. 8
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 7202' GR	10. FIELD AND POOL, OR WILDCAT Dual Basin Dakota/MV
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T26N, R5S
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

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

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

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

Date

- 5/31 - Blanked off Dakota w/ plug and opened sliding sleeve. Began swabbing Mesa Verde.
- 6/4 - Flowing Mesa Verde up tubing - Avg. prod. 300 MCFD, 15 BWP, 1 BOPD
- 6/17 - Pulled blanking plug and flow Dakota & Mesa Verde up tubing.
Avg. prod. - 880 MCFD, 20 BWP, 5 BOPD
- 6/31 - Shifted sleeve closed, ran separation sleeve, SI well for 7-day build-up
- 7/18 - Csg - 762 psi, Tbg 669 psi. Returned Dakota and Mesa Verde to separate production.
Clean location of all debris.

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

SIGNED D.A. Myers
(This space for Federal or State office use)

TITLE Div. Production Manager

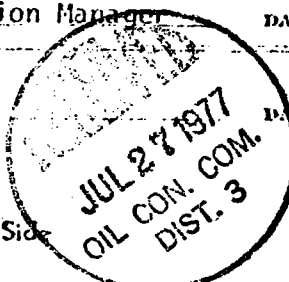
DATE 7-20-77

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 198
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla, Dulce, N.M.
3. ADDRESS OF OPERATOR 1860 Lincoln St., Suite 1200, Denver, Colorado 80295		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850' FNL and 790' FWL Unit E		8. FARM OR LEASE NAME Jicarilla "C"
14. PERMIT NO.		9. WELL NO. 8
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7202' GR		10. FIELD AND POOL, OR WILDCAT Dual Basin Dakota/Blanco Mesa Verde
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T26N, R5W
		12. COUNTY OR PARISH Rio Arriba
		13. STATE New Mexico

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

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

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

We propose to unload and test the Mesa Verde zone as follows:

1. MIRU Wireline unit.
2. Land blanking plug in 2-3/8" tbg. below sliding sleeve.
3. Open sliding sleeve and produce Mesa Verde up tubing for 2 weeks.
4. Pull blanking plug and commingle Dakota & Mesa Verde production up 2-3/8" tbg. for 2 weeks.
5. Close sliding sleeve and produce zones separately, as before.
6. Clean up location.



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

SIGNED <u>[Signature]</u>	TITLE Div. General Manager	DATE <u>6-23-77</u>
(This space for Federal or State office use)		
APPROVED BY <u>[Signature]</u>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

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

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

I. OPERATOR

Operator: Tenneco Oil Company

Address: Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

Reason(s) for filing (Check proper box):

New Well: ☐ Change in Transporter of: ☐ Other (Please explain):

Recompletion: ☐ Oil: ☐ Dry Gas: ☒ Effective January 1, 1974

Change in Ownership: ☐ Casinghead Gas: ☐ Condensate: ☐

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

II. DESCRIPTION OF WELL AND LEASE

Jicarilla Cont. 108

Lease Name <u>Jicarilla "C"</u>	Well No. <u>8</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Indian</u>	Lease No.
Location				
Unit Letter <u>E</u> ; <u>1850</u> Feet From The <u>North</u> Line and <u>790</u> Feet From The <u>West</u>				
Line of Section <u>13</u> Township <u>26N</u> Range <u>5W</u> , NMPM, <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Northwest Pipeline Corporation</u>	<u>501 Airport Drive, Farmington, New Mexico 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>E</u> Sec. <u>13</u> Twp. <u>26</u> Rge. <u>5</u>	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations		Depth Casing Shoe						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

OIL CONSERVATION COMMISSION

FEB 7 1974

APPROVED _____, 19__

BY Original Signed by A. K. Sennarick

TITLE PETROLEUM ENGINEER DIST. NO. 7

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

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

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

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

[Signature]
(Signature)

Production Clerk
(Title)

12/13/73
(Date)

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

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

I. OPERATOR

Operator Tenneco Oil Company

Address Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☒ Effective January 1, 1974

Recompletion ☐ Oil ☐ Casinghead Gas ☐ Condensate ☐

Change in Ownership ☐

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

II. DESCRIPTION OF WELL AND LEASE Jicarilla Cont. 108

Lease Name <u>Jicarilla "C"</u>	Well No. <u>8</u>	Pool Name, including Formation <u>Blanco Mesaverde</u>	Kind of Lease State, Federal or Fee <u>Indian</u>	Lease No.
Location Unit Letter <u>E</u> ; <u>1850</u> Feet From The <u>North</u> Line and <u>790</u> Feet From The <u>West</u>				
Line of Section <u>13</u> Township <u>26N</u> Range <u>5W</u> , NMPM, <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Northwest Pipeline Corporation</u>	<u>501 Airport Drive, Farmington, New Mexico 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>E</u> Sec. <u>13</u> Twp. <u>26</u> Rge. <u>5</u>	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

James W. Mize
(Signature)
Production Clerk
(Title)
12/13/73
(Date)

OIL CONSERVATION COMMISSION
FEB 7 1974
APPROVED _____
BY Original signed by A. R. Schmitt
TITLE REGISTERED ENGINEER DIST. NO. 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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

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

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

I. Operator
 Tenneco Oil Company
 Address
 Suite 1200 Lincoln Tower Bldg. - Denver, Colorado 80203
 Reason(s) for filing (Check proper box)
 New Well ☐ Change in Transporter of:
 Recompletion ☐ Oil ☐ Dry Gas ☐ Other (Please explain)
 Change in Ownership ☐ Casinghead Gas ☐ Condensate ☒ Change of authorized transporter of
 condensate only.
 Effective 3/13/70

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <i>Jicarilla</i>	Well No. <i>C</i>	Pool Name, including Formation <i>Basin Dakota</i>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <i>E</i> : <i>1850</i> Feet From The <i>N</i> Line and <i>790</i> Feet From The <i>W</i> Line of Section <i>13</i> Township <i>26 N</i> Range <i>5 W</i> , NMPL, <i>Rio Arriba</i> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<i>Plateau, Inc.</i>	<i>P. O. Box 108 - Farmington, New Mexico</i>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	
Unit	Sec.
Twp.	Rge.
Is gas actually connected?	When

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

G. A. Ford
 (Signature) G. A. Ford
 Sr. Production Clerk
 (Title)

OIL CONSERVATION COMMISSION

APPROVED *MAR 29, 1970*

BY *Original Signed by Emery C. Arnold*

TITLE *SUPERVISOR DIST. #3*

This form is to be filed in compliance with RULE 1114.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.

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

NO. OF COPIES REQUIRED		2
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	
OPERATOR		1
PRODUCTION OFFICE		

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

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

Operator Tenneco Oil Company	
Address Suite 1200 Lincoln Tower Bldg. - Denver, Colorado 80203	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change of authorized transporter of condensate only.
Recompletion <input type="checkbox"/>	Effective 3/13/70
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Jicarilla</u>	Well No. <u>8</u>	Pool Name, including Formation <u>Blanco Mesaverde</u>	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter <u>E</u> <u>1850</u> Feet From The <u>N</u> Line and <u>790</u> Feet From The <u>W</u> Line of Section <u>13</u> Township <u>26N</u> Range <u>5W</u> NMPM. <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Plateau, Inc.</u>	<u>P. O. Box 108 - Farmington, New Mexico</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

G. A. Ford
 (Signature) G. A. Ford
 Sr. Production Clerk
 (Title)

OIL CONSERVATION COMMISSION

APPROVED MAR 20 1970

BY Original Signed by Emery C. Arnold

SUPERVISOR DIST. #

TITLE _____

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

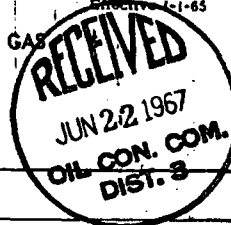
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the downhole tests taken on the well in accordance with RULE 111.

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

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL /
	GAS /
OPERATOR	/
PRORATION OFFICE	

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

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



Operator Tenneco Oil Company	
Address P. O. Box 1714, Durango, Colorado	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Effective First Delivery
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Gas <input type="checkbox"/>	
Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla "C"	Well No. 8	Pool Name, Including Formation Blanco Mesaverde	Kind of Lease State, Federal or Fee Fed.	Lease No. Jicarilla
Location Unit Letter E , 1850 Feet From The North 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 Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Rock Island Oil and Refining	P. O. Box 328, Farmington, New Mexico
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990, Farmington, New Mexico
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit E Sec. 13 Twp. 26 Rge. 5	No On Approval

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Fract.	Diff. Rea't.
		X	X					
Date Spudded 11/22/66	Date Compl. Ready to Prod. 3/6/67	Total Depth 8262		P.B.T.D. 8230				
Elevations (DF, RKB, RT, GR, etc.) 7202 Gr.	Name of Producing Formation Blanco Mesaverde	Top Oil/Gas Pay 5465		Tubing Depth 7925				
Perforations 6103-5465				Depth Casing Shoe 8261				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
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 FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
4369	3 hrs		
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size
Back Pr.	Pkr	1060	3/4

VI. CERTIFICATE OF COMPLIANCE

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

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

(Title)

June 21, 1967

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 22 1967**

Original Signed by **Emery C. Arnold**

SUPERVISOR DIST. #3

TITLE

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

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

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

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESSVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Tenneco Oil Company							
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850 FNL, 790 FNL At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
11/22/66		12/4/66		3/6/67		7202 Gr.	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
8262		8230		Two		0-8262	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
6103-5463 Masoverde 8012-8234 Dakota						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORRED	
IND-GRD						No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10-3/4		32 #		433		12-1/4	
7-3/8		26.4#		4000		8-5/8	
4-1/2		10.5 & 11.6#		8261		6-3/4	
						220 # x first stage	
						245 # 2nd stage	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		DEPTH SET (MD)	
						7925	
						7925	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, GEMENT SQUEEZE, ETC.			
8140-44		8055-57 1 EFF		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8148-56		8034-41 " 5553-54		8140-8234		70,000 gal. 77,773 gal. wtr	
8180-82		8033-33 " 5462-63		8057-8012		70,000 gal. 96,683 gal. wtr	
8802-06 - 28 holes		8027-29 " 5497-98		8312-34		30 ml acid 80/	
8224-34		8012-8082 " 6103-5463		8402-8408		200 ml acid 80/	
33.* PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		6103-5463 70,000 gal. 81,100 gal. wtr.			
81		Flowing		SI			
DATE OF TEST		HOURS TESTED		CHOKER SIZE		PROD'N. FOR TEST PERIOD	
3/6/67		3 hours		3/4		3191 bbl.	
FLOW, FLOW PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL-GAS RATIO	
367 lb		---		---		4348 Masoverde	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.							
SIGNED		TITLE		DATE		U. S. GEOLOGICAL SURVEY	
E. A. Ford		Senior Production Clerk		March 10, 1967		WASHINGTON, D. C.	

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

6 USGS
1 Atlantic
1 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 State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

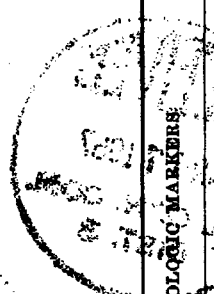
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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



37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
Measverde	5460	6120	Sand & Shale (Gas)	Measverde	5460
Callup	7489	7494	Sand (Oil - Not tested)	Callup	7130
Dakota	8010	8210	Sand & Shale (Gas)	Greenhorn	7900
				Fakoya	7990

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
INTAKE	1
LE	1
S.G.S.	
AND OFFICE	
TRANSPORTER	OIL /
	GAS /
PERATOR	
ORATION OFFICE	

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

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

Tenneco Oil Company

P. O. Box 1714, Durango, Colorado 81301

Person(s) for filing (Check proper box)	Other (Please explain)
Well <input checked="" type="checkbox"/> Completion <input type="checkbox"/> Change in Ownership <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

Effective first delivery.

Change of ownership give name and address of previous owner **Note: This is a dual Mesaverde Dakota**

DESCRIPTION OF WELL AND LEASE

Well Name	Lease No.	Well No.	Pool Name, Including Formation	Kind of Lease
Jicarilla "C"		8	Basin Dakota	State, Federal or Free Federal
Location				
Unit Letter E	1850 Feet From The North Line and 790 Feet From The West			
Line of Section 13	Township 26-N	Range 5-W	NMPM, Rio Arriba	County

SIGNATURE OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Rock Island	P. O. Box 328, Farmington, New Mexico
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990, Farmington, New Mexico
Well produces oil or liquids, or location of tanks.	Is gas actually connected? When
E 13 26 5	No On Approval

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 11/22/66	Date Compl. Ready to Prod. 3/6/67	Total Depth 8262	P.B.T.D. 8230					
Productions (DF, RKB, RT, GR, etc.) 7202 Gr.	Name of Producing Formation Dakota	Top Oil/Gas Pay 8012 Dakota	Tubing Depth 7925					
Productions 8012-8234 Dakota	Depth Casing Shoe 8262							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
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	220 sx first stage
			265 sx 2nd stage

TEST DATA AND REQUEST FOR ALLOWABLE WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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



TEST WELL

Actual Prod. Test-MCF/D 5191	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back pr.	Tubing Pressure 367	Casing Pressure	Choke Size 3/4

CERTIFICATE OF COMPLIANCE

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

Senior Production Clerk

March 14, 1967

OIL CONSERVATION COMMISSION

APPROVED **MAY 16 1967**, 19
BY **Original Signed by Emery C. Arnold**
TITLE **SUPERVISOR DIST. #3**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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

Form C-102
Supersedes C-120
Effective 1-1-65

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

Operator Tenneco Oil Company			Lease Jicarilla "C"		Well No. 8
Unit Letter E	Section 13	Township 26-N	Range 5-W	County Rio Arriba	

Actual Footage Location of Well:

1850	feet from the	North	line and	790	feet from the	West	line
Ground Level Elev: 7202 UnGr.		Producing Formation Blanco-Mesaverde		Pool Blanco-Mesaverde		Dedicated Acreage: 320 N/2 Acres	

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

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

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

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



CERTIFICATION

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

Name **G. A. Ford**
 Position **Senior Production Clerk**
 Company **Tenneco Oil Company**
 Date **March 13, 1967**

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

Date Surveyed _____
 Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved
Budget Project No. 42-100-1-1

5. DEGREE DESIGNATION AND SERIAL NO.

Jicarrilla Co. 1001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarrilla, Dulce, N.M.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarrilla "C"

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Duel Basin Dakota/WV

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

Sec. 13-T26N-R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☐ OIL
WELL ☐ GAS
WELL ☒ OTHER

2. NAME OF OPERATOR

Conoco Oil Company

3. ADDRESS OF OPERATOR

Box 1714, Durango, Colorado

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

1850' FWL 790' FWL

Unit E

14. PERMIT NO.

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

7202' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recirculation Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

2-4-67 Perforate 8140-44', 8148-56', 8180-82', 8202-06' and 8224-34' w/ 28 holes.
Acidized w/ 500 gals. Frac w/ 70,000# sand and 77,777 gals. water. Set BP at
8100'. Perforate 8055-57', 8039-41', 8033-35', 8027-29' w/ 1 HPF and 8012-8022'
w/ 2 HPF. Frac 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" EJE tubing set at 7925'. Released rig 2-12-67. W.O. test.



RECEIVED

MAR 6 1967

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

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

SIGNED: George A. FordTITLE Senior Production ClerkDATE 3-3-67

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

6-UCS

1-File

1-Atlantic

1-Conoco

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Cont 108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla, Dulce, N.M.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "C"

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 13-T26N-R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR Tenneco Oil Company	
3. ADDRESS OF OPERATOR Box 1714, Durango, Colorado	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850' FNL 790' FWL Unit E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7202' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Spud 11-22-66. Drill to 440'. Ran 13 jts. 10-3/4" 32# casing set at 433' w/ 310 sx. cement. Cement circulated. W.O.C. Drilled to 4000'. Ran 123 jts. 7-5/8" 26.4# casing set at 4000' w/ 325 sx. cement. W.O.C. Drilled to T.D. 8262' on 12-4-66. Logged. Ran 256 jts. 4-1/2" 10.5# and 11.6# casing set at 8261' w/ stage collar set at 6268'. Cemented w/ 220 sx. 1st stage, 265 sx. 2nd stage. W.O.C. Released rig 12-5-66. W.O. completion.

RECEIVED

JAN 10 1967

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

RECEIVED

JAN 16 1967

OIL CON. COM.
DIST. 3

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

SIGNED

Harold C. Nichols

TITLE

Senior Production Clerk

DATE January 10, 1967

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

6-USGS

1-Atlantic

1-Conoco

1-File

TITLE

DATE

*See Instructions on Reverse Side

TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

JICARILLA "C" NO. 8

<u>DEPTH</u>	<u>INCLINATION</u>
412'	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°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on TENNECO OIL COMPANY'S JICARILLA "C" NO. 8, Basin Dakota Field, located in Section 13, T-26-N, R-5-W, Rio Arriba County, New Mexico.

Signed

Harold C. Nichols
Senior Production Clerk

THE STATE OF COLORADO)
COUNTY OF LA PLATA)

BEFORE ME, the undersigned authority, on this day personally appeared Harold C. Nichols known to me to be Senior Production Clerk for Tenneco Oil Company and to be the person whose name is subscribed to the above statement, who, being 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
MARIE L. POER
P. O. Box 1714
Durango, Colorado
La Plata County, Colorado

Distribution

- 1 copy - New Mexico Oil Conservation Commission
- 1 copy - Atlantic
- 1 copy - Continental
- 1 copy - File



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE BOND ☒ MULTIPLE BOND ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1850 FNL 790 FWL
Unit Letter "E"

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

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dirg. unit line, if any)

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320 N/2

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

19. PROPOSED DEPTH
8355

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)
7202 GR

22. APPROX. DATE WORK WILL START*
October 23, 1966

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Cont. 108

6. IF INDIAN, ALLOTTED OR TRIBE NAME
Jicarilla, Dulce, New Mex.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "C"

9. WELL NO.
No. 8

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

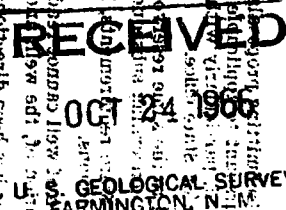
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 13, T-26-N, R-5-W

12. COUNTY OR PARISH
Bio Arriba

13. STATE
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	20 & 24#	400	Cement to surface
7-7/8	4-1/2	10.5 & 11.6#	8355	1st stage 235 ex 2nd stage cement to surface

We plan to drill to approximate T.D. 8355. Run IES & GRD Logs. Run casing as shown above w/stage collar set approximately 300' below bottom of Mesaverde. WOC. Perf and frac and complete. Run 2-3/8" tubing and conduct deliverability tests.



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

24. Harold C. Nichols
SIGNED Harold C. Nichols TITLE Senior Production Clerk DATE October 19, 1966
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY 42 TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

6 copies USGS, Frmg., 1 Copy Continental, 1 Copy Atlantic and 1 TOC File

*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

Operator TEANECO OIL COMPANY			Lease JICARILLA "C"			Well No. 8		
Unit Letter E	Section 13	Township 26 North	Range 5 West	County Rio Arriba				
Actual Footage Location of Well:								
1850 feet from the North line and		790 feet from the West line						
Ground Level Elev. 7202' ungraded		Producing Formation Basin Dakota		Pool Basin Dakota		Dedicated Acreage 2 1/2		Acres 320

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

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

If answer is "no," list the owners and tract descriptions which have actually 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 interest, has been approved by the Commission.

RECEIVED
OCT 23 1966
OIL CON. COM.
DIST. 3

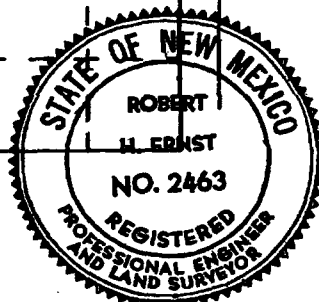
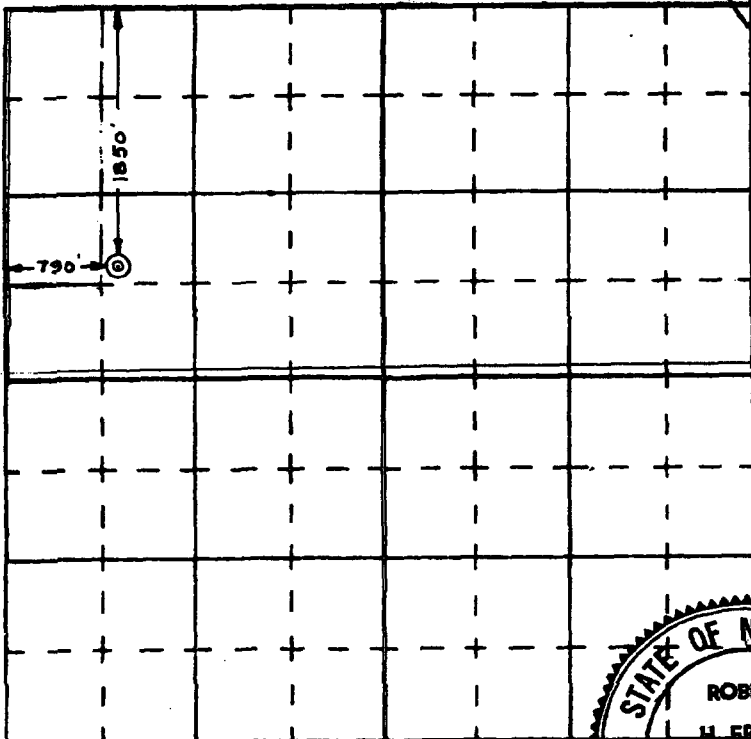
CERTIFICATION

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

Name **Harold C. Nichols**
Position **Senior Production Clerk**
Company **Teaneco Oil Company**
Date **October 19, 1966**

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 **2 September 1966**
Registered Professional Engineer and/or Land Surveyor
Robert H. Ernst
N. Mex. PE & LS No. **2463**
Certificate No. _____



CMD : ONGARD 08/03/04 11:19:54
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQEX

API Well No : 30 39 21640 Eff Date : 01-01-2004 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 222374 CDX RIO, LLC
Prop Idn : 33461 JICARILLA C

Well No : 008A
GL Elevation: 6842

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

B.H. Locn : B 13 26N 05W FTG 800 F N FTG 1485 F E P
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : J
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/03/04 11:19:58
OGOMES -TQEX
Page No : 1

API Well No : 30 39 21640 Eff Date : 04-30-1991
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 33461 JICARILLA C
Spacing Unit : 34696 OCD Order :
Sect/Twp/Rng : 13 26N 05W Acreage : 320.00
Dedicated Land: Simultaneous Dedication:
Revised C102? (Y/N) :

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	13	26N	05W	40.00	N	IN			
B	13	26N	05W	40.00	N	IN			
C	13	26N	05W	40.00	N	IN			
D	13	26N	05W	40.00	N	IN			
E	13	26N	05W	40.00	N	IN			
F	13	26N	05W	40.00	N	IN			
G	13	26N	05W	40.00	N	IN			
H	13	26N	05W	40.00	N	IN			

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 08/03/04 11:20:07
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well
 OGOMES -TQFY
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 39 21640 Report Period - From : 01 2002 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 21640 JICARILLA C	01 02 31	2539	3 F
30	39 21640 JICARILLA C	02 02 28	2268	F
30	39 21640 JICARILLA C	03 02 31	2756	F
30	39 21640 JICARILLA C	04 02 30	2419	81 F
30	39 21640 JICARILLA C	05 02 31	1901	17 F
30	39 21640 JICARILLA C	06 02 12	1944	1 S
30	39 21640 JICARILLA C	07 02 31	2669	F

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

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

CMD : ONGARD 08/03/04 11:20:10
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well
 OGOMES -TQEX
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 39 21640 Report Period - From : 01 2002 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 21640	JICARILLA C	08 02 31	2236	40 F
30 39 21640	JICARILLA C	09 02 30	4538	71 F
30 39 21640	JICARILLA C	10 02 31	1409	F
30 39 21640	JICARILLA C	11 02 30	1574	69 F
30 39 21640	JICARILLA C	12 02 31	1563	20 82 F

Reporting Period Total (Gas, Oil) : 27816 153 457

E0049: User may continue scrolling.

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

CMD : ONGARD 08/03/04 12:43:32
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGMES -TQEX
 Page No: 1

OGRID Identifier : 222374 CDX RIO, LLC
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 39 21640 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39 21640	JICARILLA C	01 04 31	3673	6 78 P
30 39 21640	JICARILLA C	02 04 29	3149	44 P
30 39 21640	JICARILLA C	03 04 19	662	10 225 F
30 39 21640	JICARILLA C	04 04 23	3001	1 F
30 39 21640	JICARILLA C	05 04 26	3076	10 80 F

Reporting Period Total (Gas, Oil) : 13561 71 383

M0025: Enter PF keys to scroll

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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-104A

Submit to appropriate District Office

Change of Operator

Previous Operator Information:

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

New Operator Information:

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

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

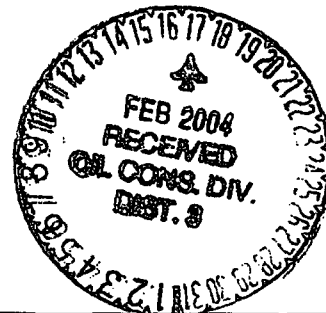
Signature: Ronald D. Johnston

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

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

Date: 1/12/04

Phone: 505-325-4007



Previous operator complete below:

Previous Operator: BP America Production Company

Previous OGRID: 000778

Signature: Cherry Hlava

Printed Name: Cherry Hlava

NMOCD Approval

Signature: 228

SUPERVISOR DISTRICT #3

Printed Name: _____

District: _____

Date: FEB 17 2004

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

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

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

Change of Operator Name

OGRID: 000778
Effective Date: 12/31/2001

Previous Operator Name and Information:

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

New Operator Name and Information:

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

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

Signature: Mary Corley

Printed
name: Mary Corley

Title: Senior Regulatory Specialist

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



NMOCD Approval

Signature: [Signature]

Printed Name: SUPERVISOR DISTRICT #3

District: JAN 23 2002

Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. Name of Operator Attention:
Amoco Production Company Patty Haeefe

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-4988

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
800' FNL 1485' FEL Sec. 13 T 26N R 5W Unit B

5. 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

8. Well Name and No.

Jicarilla C 8A

9. API Well No.

3003921640

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba New Mexico

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company intends to plugback the subject well per the attached procedures.

RECEIVED
JUN - 2 1995
OIL CON. DIV.
DIST. 3

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

Signed Patty Haeefe

Title Staff Assistant

Date 05-16-1995

This space for Federal or State office use

Approved by Robert Kent
Conditions of approval, if any:

for Chief, Lands and Mineral Resources

JUN 2 1995

Title _____ Date _____

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

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator AMOCO PRODUCTION COMPANY		Well API No. 300392164000
Address P.O. BOX 800, DENVER, COLORADO 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8A	Pool Name, including Formation BLANCO MESAVERDE (PRORATED GAS)	Kind of Lease State, Prorated Fee	Lease No.
Location Unit Letter B : 800 Feet From The FNL Line and 1485 Feet From The FEL Line Section 13 Township 26N Range 5W , NMPM , RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
MERIDIAN OIL INC.	3535 EAST 30TH STREET, FARMINGTON, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
EL PASO NATURAL GAS COMPANY	P.O. BOX 1492, EL PASO, TX 79978	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rgn.
	Is gas actually connected? When?	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		CEMENT			
RECEIVED AUG 23 1990								

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top of oil column, or be for full 24 hours.)

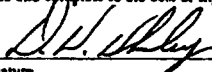
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

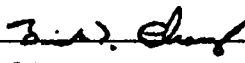
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


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

OIL CONSERVATION DIVISION

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

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Amoco Production Company	Well API No. 3003921640
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155	

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8A	Pool Name, Including Formation BLANCO (MESAVERDE)	FEDERAL	Lease No. 9000108
Location				
Unit Letter B	800	Feet From The FNL	Line and 1485	Feet From The FEL Line
Section 13	Township 26N	Range 5W	NMPM,	RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> CONOCO	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 1429, BLOOMFIELD, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> NORTHWEST PIPELINE CORPORATION	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899
If well produces oil or liquids, give location of tanks.	Unit Soc. Twp. Rge. Is gas actually connected? When?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations			Depth Casing Shoe					
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

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

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**
By *[Signature]*
SUPERVISION DISTRICT # 3
Title

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED
DEC 02 1987

Operator Tenneco Oil Company		OIL CON. DIV. DIST. 2
Address P.O. Box 3249, Englewood, CO 80155		
Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of:	change of condensate transporter from Gary Energy to Conoco effective 12/1/87
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	
	<input checked="" type="checkbox"/> Dry Gas <input checked="" type="checkbox"/> Condensate	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla C	Well No. 8A	Pool Name, including Formation Blanco MV	Kind of Lease State, Federal or Fee Indian	Lease No. *
Location				
Unit Letter B	: 800	Feet From The North	Line and 1485	Feet From The East
Line of Section 13	Township 26N	Range 5W	NMPM. Rio Arriba County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS


Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Conoco	Address (Give address to which approved copy of this form is to be sent) P.O. Box 460, Hobbs, NM 88240	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Northwest Pipeline Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 90, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 13
	Twp. 26N	Rge. 5W
	Is gas actually connected? Yes	


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

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

VI. CERTIFICATE OF COMPLIANCE

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


(Signature)
Sr. Administrative Analyst
(Title)
11/20/87
(Date)

OIL CONSERVATION DIVISION **DEC 02 1987**
APPROVED _____, 19____
BY 
TITLE **SUPERVISOR DISTRICT 8**
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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

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

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-85

I. OPERATOR

Operator: Tenneco Oil Company

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

Reason(s) for filing (Check proper box):

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

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Jicarilla C</u>	Well No. <u>8A</u>	Pool Name, including Formation <u>Blanco Mesaverde</u>	Kind of Lease State, Federal or Fee <u>Indian</u>	Diagram No. <u>Cont 108</u>
Location				
Unit Letter <u>B</u>	<u>800</u> Feet From The <u>North</u> Line and <u>1485</u> Feet From The <u>East</u>			
Line of Section <u>13</u>	Township <u>26N</u>	Range <u>5W</u>	, NMPM, <u>Rio Arriba</u> County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Gary Energy Corporation</u>	<u>4 Inverness Ct. East Englewood, CO 80112-5591</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Northwest Pipeline</u>	<u>P. O. Box 90, Farmington, N. M. 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>Yes</u> When
Unit <u>B</u> Sec. <u>13</u> Twp. <u>26N</u> Rge. <u>5W</u>	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

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

VI. CERTIFICATE OF COMPLIANCE

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

Martin S. Schuman
(Signature)

Administrative Supervisor

10/10/84

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED NOV 01 1984

BY Supervisor

TITLE SUPERVISOR DISTRICT

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL /
	GAS /
OPERATOR	2
PRODUCTION OFFICE	

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

Supersedes Old C-104 and C-11
Effective 1-1-85

API 30-039-21640

Operator Tenneco Oil Company	
Address 720 So. Colorado Blvd., Denver, CO 80222	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla "C"	Well No. 8-A	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee Federal	Lease No. 09-000108
Location				
Unit Letter B	: 800 Feet From The N Line and 1485 Feet From The E			
Line of Section 13	Township 26N	Range 5W	, NMPM, Rio Arriba County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Plateau Inc.	1921 Bloomfield Blvd., Farmington, NM 87401
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Inc.	P.O. Box 1526, Salt Lake City, Utah 84110
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	No ASAP

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.
		X	X					
Date Spudded 10-10-78	Date Compl. Ready to Prod. 11-6-78	Total Depth 5916'	P.B.T.D. 5867'					
Elevations (DF, RKB, RT, GR, etc.) 6842 GL	Name of Producing Formation Blanco Mesa Verde	Top Oil/Gas Pay 5194	Tubing Depth 5836'					
Perforations 5194' - 5214' and 5686' - 5706		Depth Casing Shoe 5916						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12 3/4"	8 5/8" 32#	265'	250 SX					
7 7/8"	4 1/2" 10.5#	5916'	1100					
	2 3/8	5836'						

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

Actual Prod. Test-MCF/D AOF = 4987	Length of Test 24 hours	Bbls. Condensate/MMCF Gravity of Condensate
Testing Method (pilot, back pr.) Back Pr.	Tubing Pressure (shut-in) 800 psi	Casing Pressure (shut-in) 894 psi
		Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

OIL CONSERVATION COMMISSION

APPROVED **DEC 26 1978**, 19

BY **DEC 26 1978**

TITLE **Oil Cons. Dist. #3**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

Division Administrative Supervisor

12-11-78

(Date)



TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

DEPTH	INCLINATION
764'	$\frac{1}{2}^{\circ}$
1764'	$\frac{1}{2}^{\circ}$
2432'	$\frac{3}{4}^{\circ}$
3503'	$\frac{3}{4}^{\circ}$
4074'	1°
4541'	1°
5000'	1°
5670	$1\frac{1}{4}^{\circ}$

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 Tenneco Oil Company

THE STATE OF COLORADO)
CITY AND COUNTY OF DENVER)

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

D. D. Myers, 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

Dr. Louis Whitchip
Notary Public

My Commission Expires:

June 24, 1982



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R155.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 So. Colorado Blvd., Denver, CO 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 800' FNL and 1485' FEL

At top prod. interval reported below

At total depth

19. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
09-000108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla, Dulce, NM

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "C"

9. WELL NO.
8-A

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

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

Sec. 13; T26N, R5W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 10-10-78 16. DATE T.D. REACHED 10-20-78 17. DATE CONFL. (Ready to prod.) 11-06-78 18. ELEVATIONS (OF, REB, RT, OR, ETC.)* 6842 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5916' 21. PLUG, BACK T.D., MD & TVD 5867' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Mesa Verde 5194 to 5214 and 5686 to 5706

25. WAS DIRECTIONAL SURVEY MADE yes 26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL, IES/GR, CN/CD 27. WAS WELL CORRED no

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32#	265'	12 3/4"	250 SX Class B	
4 1/2	10.5%	5916'	7 7/8"	1st stage: 100SX Lite, 150 SX Neat	
				2nd Stage: 800 SX Lite, 50 SX Neat	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5836'	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Blanco Mesa Verde		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
40 Holes from 5194' to 5214'		5194 to 5214	1270 BBL water, 70,000#20-40 sand
40 holes from 5686' to 5706'		5686 to 5706	1324 BBL water, 70,000#20-40 sand

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
SI		Flowing				SI Pending Hook-up	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	PROD. OIL RATIO
11-20-78	24 hours	2x6x.75			Q= 3358		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	TEST WITNESSED BY	
233 psi	568 psi			AOFF=4987		DEC 21 1978	

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

35. LIST OF ATTACHMENTS
Logs previously forwarded

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED _____ TITLE Div. Administrative Supv. DATE 12-14-78

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 25.

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

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

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

37. SUMMARY OF PRODUCING ZONES:

SHOW ALL IMPORTANT ZONES OF PRODUCTIVITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	3130	3472				
pictured Cliffs	3472	3562				
Cliffhouse	5110	5249				
Manefee	5249	5683		same		
Point Lookout	5683	70				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 S. Colorado Blvd., Denver, CO 80222

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:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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☐
☐
☐

5. LEASE
09-000108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla, Dulce, NM

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "C"

9. WELL NO.
8-A

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 13, T 26N, R 5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6842' GL

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
11-3-78 to 11-9-78

INJECTED N2 DWN TBG @ 1700 SCF / MIN. WELL UNLOADING REVERSED CIRCULATION. WELL UNLOADING N2 & BROKEN FOAM UP TBG. WELL UNLOADING ITSELF AFTER 80 MIN. CSG PRESS STABILIZED @ 750#. 15 MIN LATER CONTINUOUS 1-15' FLARE IGNITED. WELL UNLOADED BY ITSELF 30 MIN. THEN WATER RATE DECREASED. BEGAN INJ. N2 DWN CSG. NO SIGNIFICANT INCREASE IN GAS FLOW. WATER STOPPED. SC W/ 1075 CSG PRESS GAS STILL FLOWING UP TBG. RECOVERED APPROX 150 BW. ESTIM. 4650 BLW TBR WELL DIED W/ 1025# CSG PRESS. RU SWAB UNIT. MADE 3 RUNS. WELL UNLOADED LARGE AMOUNTS OF WATER. STABILIZED FCP IS 950#. WELL BLOWING TO PIT. HEAVY MIST. FCP 346# 11-8 WELL STILL BLOWING CSG PRESS @ 475#.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Devin J. L. and TITLE Div. Admin. Supervisor DATE 11-15-78

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 S. Colorado Blvd., Denver, CO 80222

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:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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☐
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5. LEASE
09-000108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla, Dulce, NM

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "C"

9. WELL NO.
8-A

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 13, T 26N, R 5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6842' GL

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
10-30-78 to 11-2-78

SPOTTED 300 GAL. 15% HCL. PERFED 5194' TO 5214" GR w/2 JSPT. BROKE DOWN FORMATION
W/ 650 GAL 15% HCL. BREAK DOWN PRESS @ 2800#. DROPPED BACK DOWN TO 1500#
WHEN ACID HIT FORMATION

PUMPED 1000 BBL WATER PAD. FRACED W/1324' BBLS WATER AND 70,000# 20/40 SAND
ATR: 60 BBLS/MIN. ATP: 2000#. PRESS BLEED @ 2000# in 15 MIN.

SI WELL W/880# PRESS ON CSG.

Subsurface Safety Valve: Manu. and Type

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

SIGNED [Signature] TITLE Div. Admin. Supervisor DATE 11-15-78

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 S. Colorado Blvd., Denver, CO 80222

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:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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5. LEASE
09-000108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla, Dulce, NM

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "C"

9. WELL NO.
8-A

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 13, T 26N, R 5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6842' GL

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

NOV 21 1973

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

10-27-78 to 10-29-78

DRLD OUT DV TOOL @ 4103' AND CIRCULATED OUT CMT STRINGER, DRILLING MUD AND LOST CIRCULATION MTL TO 5880'. DRLD CMT TO 5882 AND CIRCULATED FOR 30 MINUTES. FILLED HOLE W/ FRESH WATER AND RAN LOGS. CMT BOND OK. SPOTTED 300 GALS 15% DOUBLE-INHIBITED HCL @ 5706'. PERFD 5686' TO 5706' W/2 JSPF. BEGAN PUMPING 1000 BBLs WATER PAD. BREAK DOWN PRESS: 1800#. FRAC W/1270 BBLs WATER AND 70,000# 20-40 SAND FOLLOWED BY 107 BBL FLUSH. ATR: 63 BBLs / MIN. ATP: 2200 PSI. FLUSHED W/ 60 - 7/8" BALL SEALERS FOLLOWED BY 6000# SAND AND SAND PLUG: TOP OF SAND PLUG CALC TO BE 5200' PRESS TESTED SAND PLUG TO 3000 PSI, NO LEAKAGE

Subsurface Safety Valve: Manu. and Type

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

SIGNED

Thomas J. Smith

TITLE Div. Administrative Supervisor

DATE 11-15-78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back in a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

09-000108

6. IF INDIAN ALLIANCE OR TRIBE NAME

Jicarilla, Dulce N.M.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "C"

9. WELL NO.

8-A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

13
Sec 13, T26N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

720 So. Colorado Blvd., Denver, Colorado 80222

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

See also space 17 below.)

At surface

800 ' FNL and 1485 'FEL, Unit B

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, CR, etc.)

6842' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

RUN OPEN-HOLE LOGS. RAN 149 JTS 4 1/2", 10.5# CSG. SET @5916 W/DV TOOL @4118'. CMT 1st STAGE W/100 SX BJ LITE FOLLOWED W/150 SX NEAT W/2% CACL. CIRC. P.D. 10:22 PM 10/21/78. OPEN DV TOOL & CIRC WOC 4 HRS. CMT 2ND STAGE W/800 SX LITE FOLLOWED W/50 SX NEAT. P-D 3:47 A.M. 10/22/78. DID NOT CIRC TO SURF. GOOD RETURNS THROUGHOUT. SET SLIPS. REL RIG.

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

SIGNED

Carley Starkus

TITLE: Administrative Supervisor

DATE

10/26/78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

NOV 1 1978

*See Instructions on Reverse Side -

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

NOV 8 1978
OIL CON. DIV.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OTHER INSTRUCTIONS ON THE
REVERSE SIDE

1. LEASE DESIGNATION AND SERIAL NO.

09-000108

2. IF INDIAN, ALLOTTEE OR TRUST NAME

Jicarilla, Dulce
N.M.

3. UNIT AGREEMENT NAME

4. FARM OR LEASE NAME

Jicarilla "C"

5. WELL NO.

8-A

6. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec 13, T26N, R5W

8. COUNTY OR PARISH

Rio Arriba

9. STATE

N.M.

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

720 So. Colorado Blvd., Denver, Colorado 80222

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

See also space 17 below.

At surface

800' FNL and 1485' FEL, Unit B

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RE, CR, etc.)

6842' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
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☐
☐

PULL OR ALTER CASING

☐
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☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☒
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

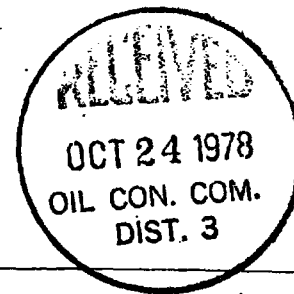
(Other)

(NOTE: Report results of multiple completion or well
completion or recompletion report and log form.)

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

10-10-78

SPUDDED 12 3/4" HOLE ON 10-10-78. DRILD TO 589'.
RAN 7 JTS 8 5/8", 32" CSG. SET @265'. CMT W/ 250 SX CL B.
PD 10:45 AM 10-12-78. CIRC 5 BBLS CMT. WOC.



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

SIGNED

Carley Statton

TITLE: Administrative Supervisor

DATE

10/17/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 23 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 So. Colorado Blvd., Denver, Colorado 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 800' FNL and 1,485' FEL -

At proposed prod. zone Unit B

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
See Point 1:b of Surface Use Plan

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,842' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24 lb.	+ 250'	Suff. to circ. back to surface
7-7/8"	4-1/2"	10.5 lb.	+5,910'	Suff. to cement to surface csg.

See attached sheet for drilling program.



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

24. SIGNED R. D. Ryan TITLE Division Production Manager DATE 2-2-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE FEB 6 1973

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

NSL - R-3202

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

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

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

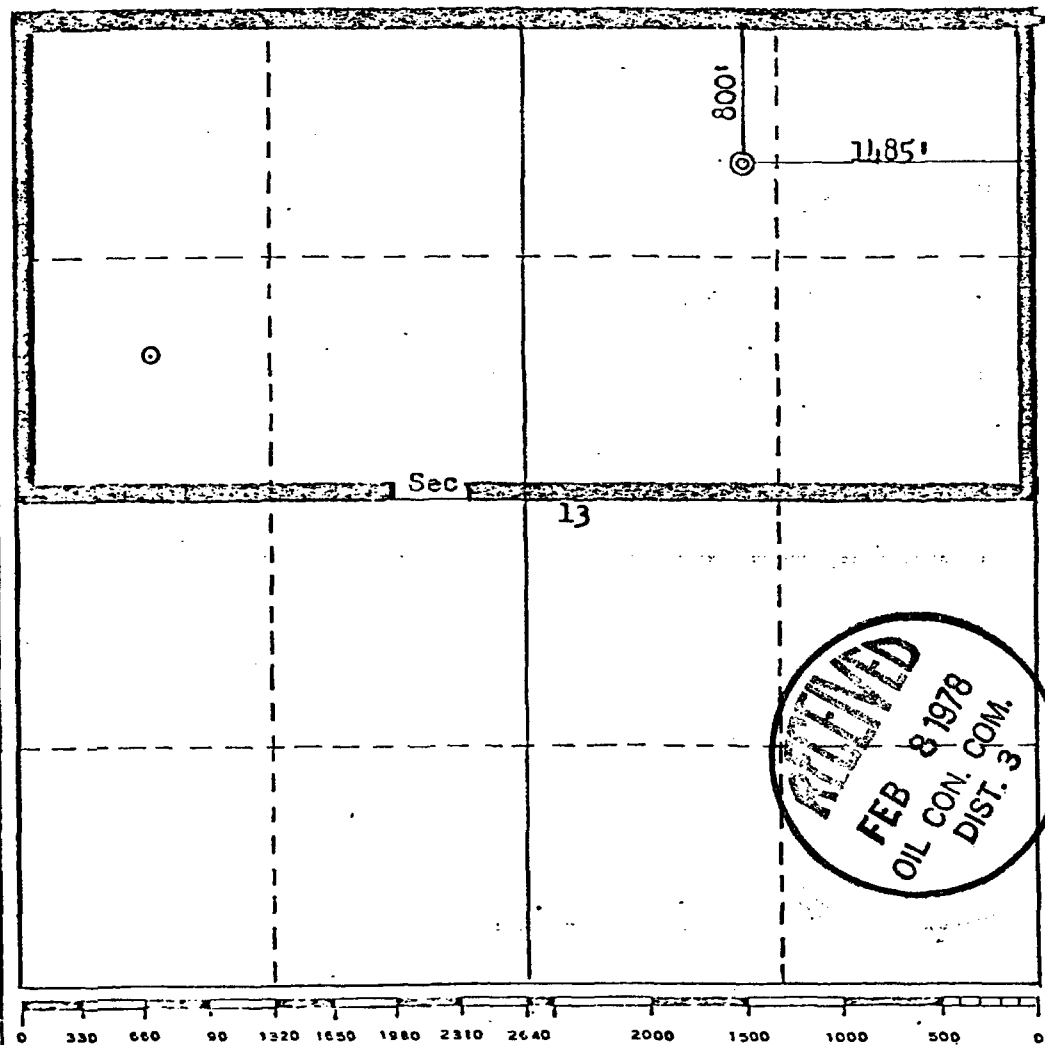
Operator Tenneco Oil Company			Lease Jicarilla "C"		Well No. 8A
Unit Letter B	Section 13	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 800 feet from the North line and 1485 feet from the East line					
Ground Level Elev. 6842	Producing Formation Mesa Verde		Pool Mesa Verde	Dedicated Acreage: 320.00 N/2 Acres	

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

☒ Yes ☐ No If answer is "yes," type of consolidation Joint Operating Agreement

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.

Name *Ted F. Drake*
 Position **Production Analyst**
 Company **Tenneco Oil Company**
 Date **1/26/78**

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 **December 30, 1977**
 Registered Professional Engineer and/or Land Surveyor *Fred B. Kern Jr.*
Fred B. Kern Jr.

Certificate No. **3950**

Jicarilla "C" No. 8A

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

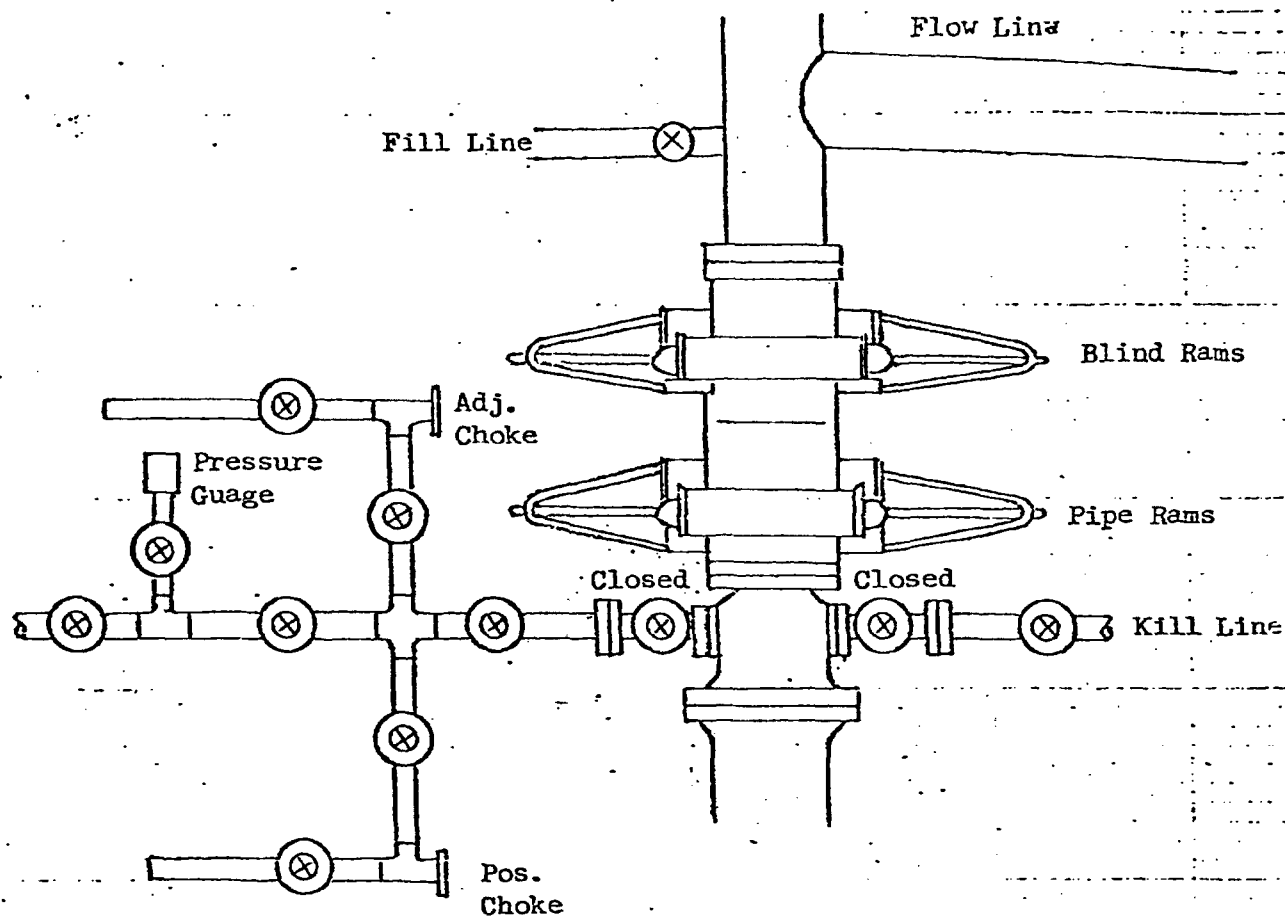
2. Formation Tops (estimated):

Fruitland	± 2735'
Pictured Cliffs	± 3465'
Lewis Shale	± 3565'
Chacra	± 4230'
Cliffhouse	± 5100'
Menefee	± 5225'
Point Lookout	± 5565'
Mancos Shale	± TD=5910'
Gallup	± Not Applicable
Sunostee	± Not Applicable

3. Water, Oil, Gas or Minerals:

Possible Oil or Gas Producer
Possible Oil or Gas Producer
Possible Oil or Gas Producer
Possible Oil or Gas Producer
Possible Oil or Gas Producer
Possible Oil or Gas Producer
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% CaCl₂. 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 0 - +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"

-All BOPs, flanges, spools, valves, & lines must be series 900 or 3000 psi working press.

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

TENNECO OIL COMPANY

REQUIRED MINIMUM BLOWOUT PREVENTOR

HOOKUP

Denver, Colorado

SURFACE USE PLAN
Jicarilla C Well No. 8A

1. Existing Roads:

- a. See surveyors plat for actual staking.
- b. 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. Turn NW just before Las Norias windmill. Take righthand fork 2-1/4 miles to wellsite.
- c. See Exhibit "B" for access roads.
- d. Not applicable. This is not an exploratory well.
- e. See Exhibit "B" for one mile radius road map.
- f. Existing roads' maintenance or improvement (~~will~~, will not) be necessary.

2. Planned Access Roads:

- a. See Exhibit "B".
- b. Width = 14'; maximum grade = 5°; Length = 1000'.
- c. No turnouts.
- d. Drainage = Water bars on any slopes and on road to prevent erosion.
- e. 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.
- f. Road (~~will~~, will not) be surfaced.
- g. No gates or cattle guards are needed.
- h. Road is center line flagged.

3. Location of Existing Wells.

- a. See Exhibits "B" and "C" for well locations.
- b. No water wells could be located within one mile of this well.

4. Location of Existing and/or Proposed Facilities.

- a. See Exhibit "A". Lines are buried.
- b. 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.

5. 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.

6. 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.
- c. No construction materials will be used.
- d. No access roads for construction materials will be needed.

7. Methods for Handling Waste Disposal.

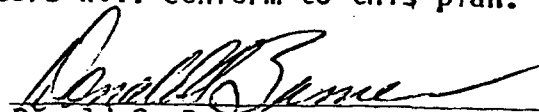
- a. Cuttings will be disposed of in the reserve pit.
- b&c. Drilling fluids and produced water will be collected in the reserve pit and hauled away to an approved disposal system or a separate disposal application will be submitted. Any produced oil will be run to the tank (see 4:8)
- d&e. All detrimental 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.

8. Ancillary Facilities.
 - a. No camps or airstrips will be needed in the drilling of this well.
9. Well Site Layout.
 - a. See Exhibit "A".
 - b. Pits will be unlined.
10. Plans for Restoration of Surface.
 - a. See 4:C and 7:A-F.
 - b. See 7:A-F or per BIA specifications for that area.
 - c. 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.
 - e. 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.
11. Other information.
 - a. Site is located in rolling terrain broken by shallow gullies. Vegetation consists of scattered juniper, pinon, rabbitbrush, sagebrush, narrow leaf yucca, snakeweed eriogonum and grama grass.
 - b. The surface is used for grazing.
 - c. No open water, occupied dwellings, archeological, historical, or cultural sites are located within ½ mile of this site.
12. 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 80222 Office = 303/758-7130 ext. 212.
13. Certification.

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.

2/3/78

Date



Donald S. Barnes
Division Drilling Engineer

FILLS = 

CUTS = 

DRAINAGE = 

Dry washes

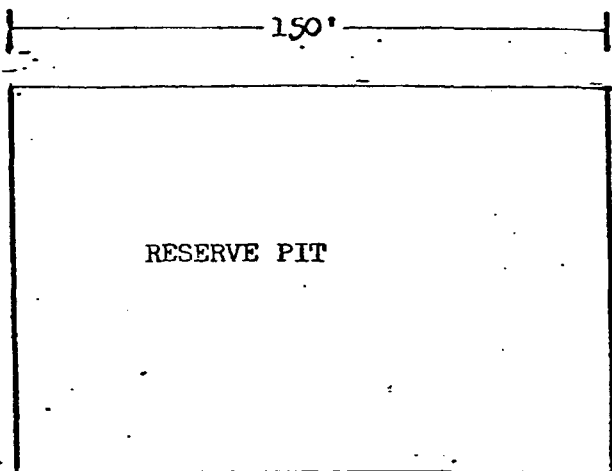
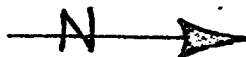


EXHIBIT "A"
LOCATION PAD

RESERVE PIT

BURN
PIT

(Small mesh fence to contain trash)

50'

Mud Pits

BOREHOLE

RIG & CATWALK POSITION

TOPSOIL STOCKPILE

LOCATION PAD

1000' access road

c 6'

RESTROOM

OFFICE

c 8'

300 B

PRODUCTION
FACILITY
FENCED &
DIKED

125'

175'

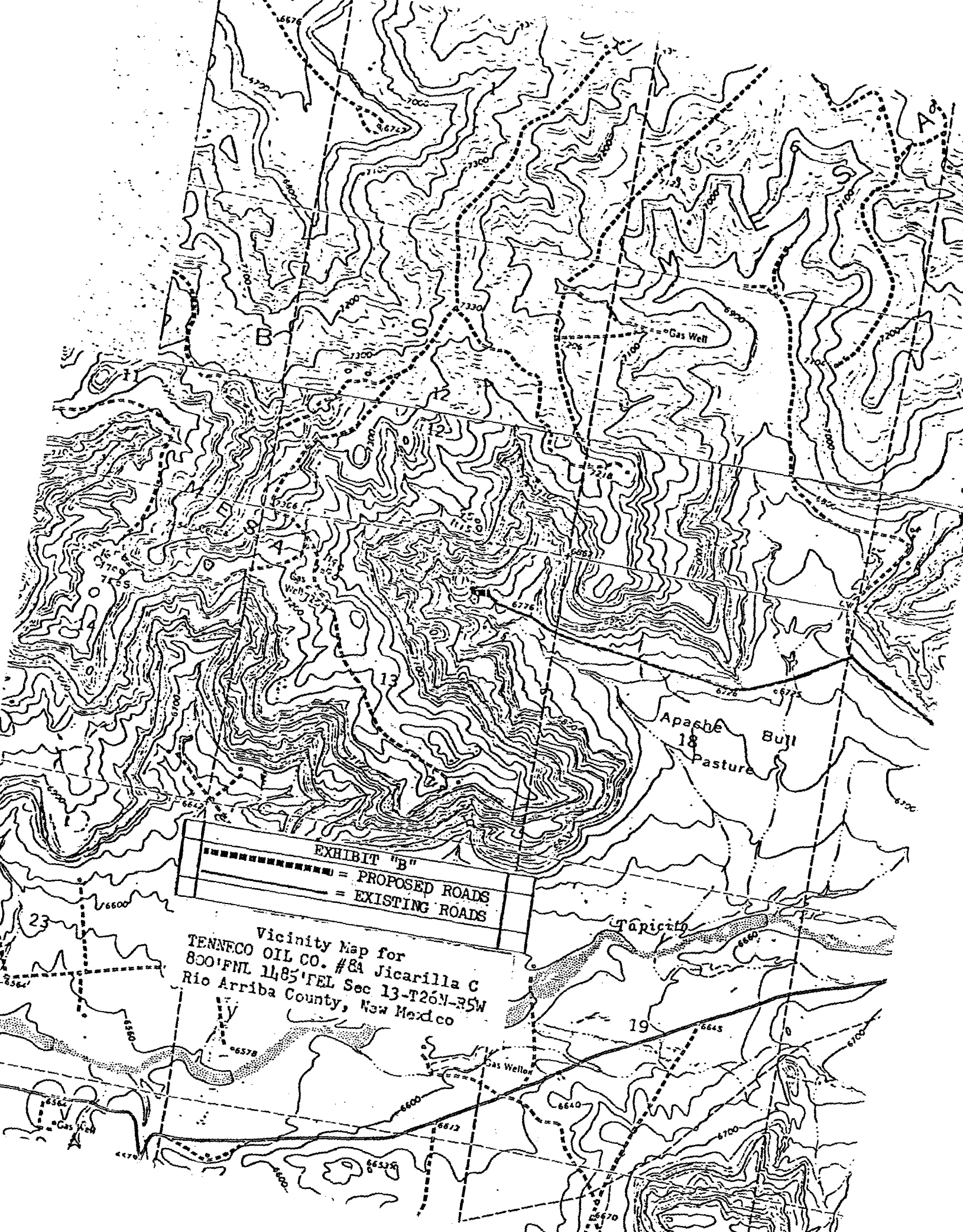
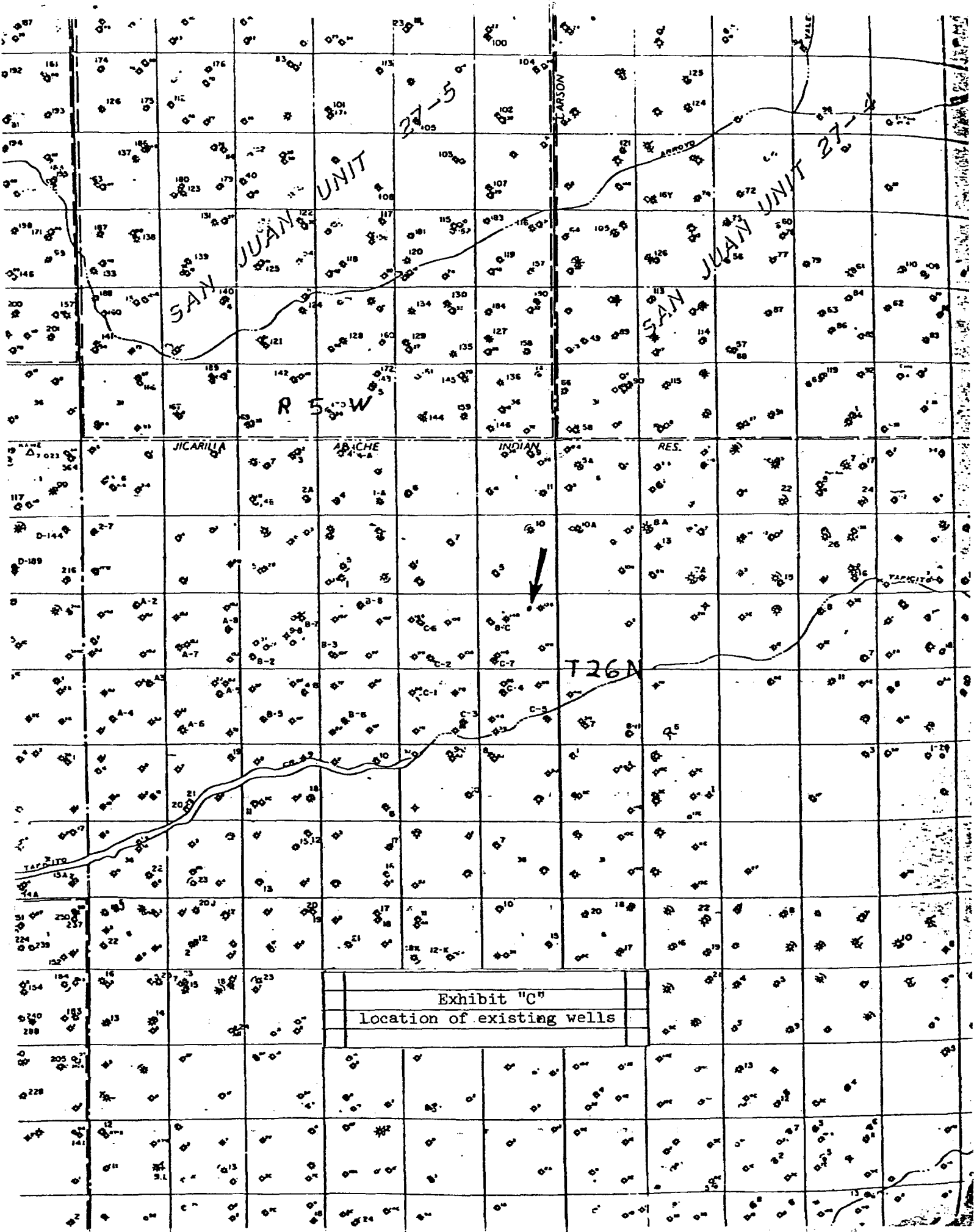


EXHIBIT "B"

===== PROPOSED ROADS

————— EXISTING ROADS

Vicinity Map for
TENNECO OIL CO. #81 Jicarilla C
800' FNL 11,85' FEL Sec 13-T26N-R5W
Rio Arriba County, New Mexico



27-5

SAN JUAN UNIT

SAN JUAN UNIT 21-

R 5 W

T 26 N

Exhibit "C"			
location of existing wells			

CMD : ONGARD 08/03/04 11:20:30
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TQRY

API Well No : 30 39 22577 Eff Date : 01-01-2004 WC Status : A
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
 OGRID Idn : 222374 CDX RIO, LLC
 Prop Idn : 33461 JICARILLA C

Well No : 008E
 GL Elevation: 6793

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

 B.H. Locn : A 13 26N 05W FTG 1020 F N FTG 870 F E P
 Lot Identifier:
 Dedicated Acre: 320.00
 Lease Type : J
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD : ONGARD
 OG6ACRE C102-DEDICATE ACREAGE

08/03/04 11:20:35
 OGOMES -TQEX
 Page No : 1

API Well No : 30 39 22577 Eff Date : 04-30-1991
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
 Prop Idn : 33461 JICARILLA C
 Spacing Unit : 31926 OCD Order :
 Sect/Twp/Rng : 13 26N 05W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land: Simultaneous Dedication:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
A	13	26N	05W	40.00	N	IN		
B	13	26N	05W	40.00	N	IN		
C	13	26N	05W	40.00	N	IN		
D	13	26N	05W	40.00	N	IN		
E	13	26N	05W	40.00	N	IN		
F	13	26N	05W	40.00	N	IN		
G	13	26N	05W	40.00	N	IN		
H	13	26N	05W	40.00	N	IN		

E0005: Enter data to modify or PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD

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

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

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

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 22577 JICARILLA C	01 02 31		F
30	39 22577 JICARILLA C	02 02 28		F
30	39 22577 JICARILLA C	03 02 7	395	F
30	39 22577 JICARILLA C	04 02 7	33	S

Reporting Period Total (Gas, Oil) : 428

M0025: Enter PF keys to scroll

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

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

08/03/04 12:47:28
OGOMES -TQEX
Page No: 1

OGRID Identifier : 222374 CDX RIO, LLC
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 39 22577 Report Period - From : 01 2000 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 22577 JICARILLA C	01 04		S
30	39 22577 JICARILLA C	02 04		S
30	39 22577 JICARILLA C	03 04 10	34	F
30	39 22577 JICARILLA C	04 04		S
30	39 22577 JICARILLA C	05 04		S

Reporting Period Total (Gas, Oil) : 34

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

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A

Submit to appropriate District Office

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Change of Operator

Previous Operator Information:

New Operator Information:

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

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

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

Signature: _____

Ronald D. Johnston

Printed name: ~~Enid Grubb~~

Ronald D. Johnston

Title: ~~Production Accounting Spec.~~

Operations Manager

Date: 1/12/04

Phone: 505-325-4007



Previous operator complete below:

Previous Operator: BP America Production Company

Previous OGRID: 000778

Signature: _____

Cherry Hlava

Printed Name: Cherry Hlava

NMOCD Approval

Signature: _____

22.8

SUPERVISOR DISTRICT #3

Printed Name: _____

District: _____

Date: _____

FEB 17 2004

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

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

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

Change of Operator Name

OGRID: 000778
Effective Date: 12/31/2001

Previous Operator Name and Information:

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

New Operator Name and Information:

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

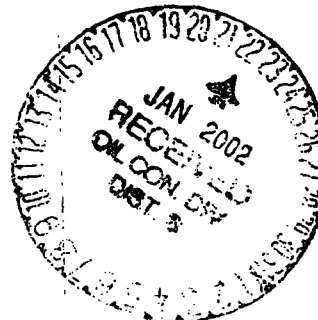
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Mary Corley

Printed
name: Mary Corley

Title: Senior Regulatory Specialist

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



NMOCD Approval

Signature: [Signature]

Printed Name: SUPERVISOR DISTRICT #3

District: JAN 23 2002

Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
Abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

Contract 108

6. If Indian, Allottee or tribe Name

JICARILLA

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

8. Well Name and No.

Jicarilla Contr 108 C 8E

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

9. API Well No.

30-039-22577

3a. Address

P.O. BOX 3092 HOUSTON, TX 77253

3b. Phone No. (include area code)

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 NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☐ Other

T&A

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Please reference demand letter dated June 27, 2003.

BP America Production Co. respectfully requests permission for temporary abandonment of this wellbore to hold for future rehabilitation of the Dakota or for SWD conversion. T&A scheduled to begin in the first or second quarter of 2004. Please see the attached T&A procedure.

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

CHERRY HLAVA

Title REGULATORY ANALYST

Signature

Cherry Hlava

Date 8/15/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ David R. Sitzler

Division of Multi-Resources

Date

SEP 18 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.

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.

San Juan Basin Well Work Procedure

Well Name: Jicarilla C 8E
Version: #1
Date: 8/14/2003
Budget: DRA
Repair Type: Temporary Abandonment

Objectives:

1. TxA wellbore and perform mechanical integrity test. Hold for rehabilitation of the DK or future SWD conversion.

Pertinent Information:

Location: Unit A Sec 13 T26N R5W
County: Rio Arriba
State: New Mexico
Lease:

Horizon: Basin Dakota
API #: 30-039-22577
Engr: Josue Villesca
Phone: 281-366-2950

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:	
Ojo Alamo:	Point Lookout:	5079
Kirtland Shale:	Mancos Shale:	
Fruitland:	Gallup:	6295
Pictured Cliffs:	Graneros:	
Lewis Shale:	Dakota:	7665
Chacra:	Morrison:	
Cliff House:		

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:	
Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Temporary Abandonment Procedure

1. 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.

Jicarilla C 8E

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

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

Surface Casing
9-5/8" 36# @ 321'
12-1/4" hole size
cmt w/ 350 sxs
TOC @ sfc (circ)

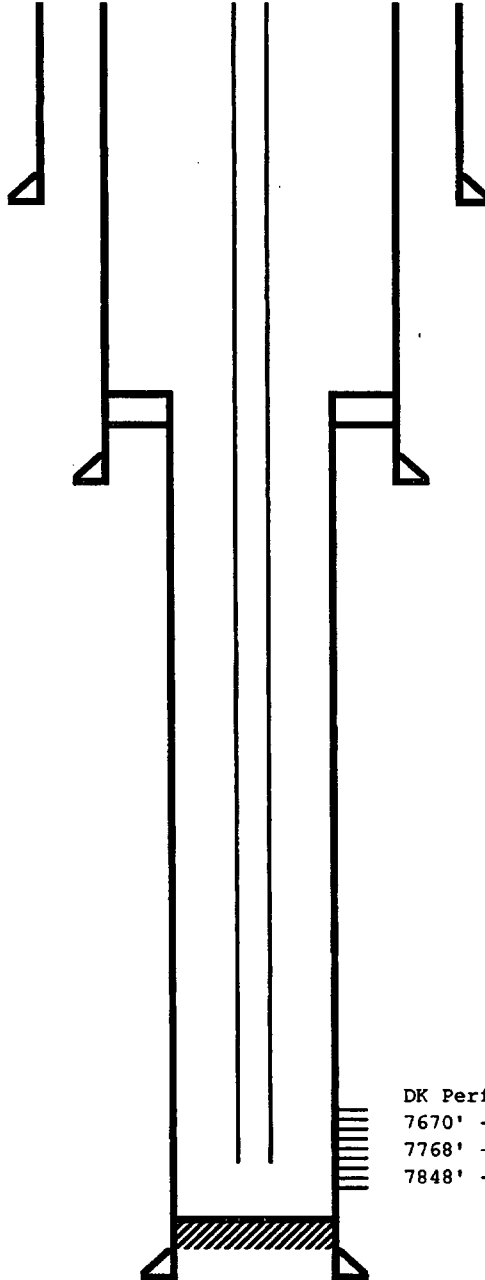
Production Casing
7" 23# @ 3818'
8-3/4" hole size
cmt w/ 700 sxs
TOC @ 1010' (est)

Production Liner
4-1/2" 11.6#
Top @ 3662'
Bottom @ 7899'
6-1/4" hole size
cmt w/ 550 sxs
TOC @ 3662' (TOL)

Tubing
2-3/8" @ 7705'

PBTD: 7890'
TD: 7899'

DK Perfs
7670' - 7676'
7768' - 7780'
7848' - 7860'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
JIC APACHE 108

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
JICARILLA C 8E

9. API Well No.
30-039-22577

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. County or Parish, and State
RIO ARriba COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

2. Name of Operator
AMOCO PRODUCTION COMPANY
Contact: CHERRY HLAVA
E-Mail: hlavaci@bp.com

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253
3b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

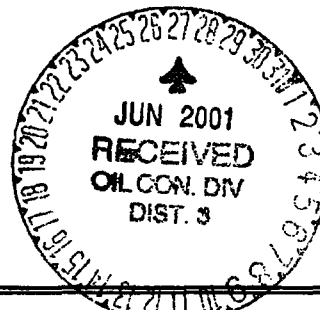
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 13 T26N R05W Mer NENE 1020FNL 870FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please note subject well was returned to production 11/2000



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

Electronic Submission #5093 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco
Committed to AFMSS for processing by Angie Medina-Jones on 06/20/2001 ()

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature

Date 06/19/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Lands and Mineral Resources

Date 6/19/01

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.

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT - " for such proposals.

RECEIVED

MAR -7 AM 10:03

ALBUQUERQUE, N.M.

6. Lease Designation and Serial No.

JIC 108

8. If Indian, Allottee or Tribe Name

Jicavilla

7. If Unit or CA, Agreement Designation

9. Well Name and No.

Jicavilla C #8E

9. API Well No.

30-039-22577

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, NM

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Mark R. Stelling

3. Address and Telephone No.

200 Amoco Court, Farmington, NM 87401

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

NE 1/4 NE 1/4 Sec. 13 T26N R 5W

Unit letter "A"

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

Return to Production

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was returned to production on 3/4/96. The well is expected to produce for one day & then shut in to check pressures. It is not known if the well will be able to sustain production. Please update AIRS accordingly, thanks.

RECEIVED
MAR 14 1996

ON FILE

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

Signed

Mark R. Stelling

Title

Business Analyst

Date

3/5/96

(This space for Federal or State Office use)

Approved by

Don R. Smith

Conditions of approval, if any:

10

Chief, Lands and Mineral Resources

Date

MAR 12 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

WAYNE BRANAM, RM 1948

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

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

1020FNL

870FEL

Sec. 13 T 26N R 5W

UNIT A

5. Lease Designation and Serial No.

JICARILLA 110

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA C #8E

9. API Well No.

3003922577

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

RIO ARriba

NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS IS IN RESPONSE TO DEMAND LETTER, CERTIFIED MAIL P 765 903 888 AND CORRECT SUNDRY DATED 031495.

THIS WELL HAS NOT BEEN RTP'ED. AMOCO PROPOSES TO RTP PER THE FOLLOWING PROCEDURE;

1. CHECK PRESSURE COMMUNICATION BETWEEN TBG AND CSG.
2. TAG FOR FILL W/TBG
3. CO FILL WITH N2 IF NECESSARY TO PBTD OF 7890
4. LAND 2 3/8" TBG AT 7860
5. RTP W/ PLUNGER

AMOCO APOLOGIZES FOR ANY INCONVENIENCE IT HAS CAUSED.

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

03-29-1995

(This space for Federal or State office use)

Approved by

Robert Kest

Title

for Chief, Lands and Mineral Resources

Conditions of approval, if any:

APR 26 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, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. Name of Operator

Attention:

AMOCO PRODUCTION COMPANY

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

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

1020 FNL

870 FEL

Sec. 13 T 26N R R5W

UNIT A

6. Lease Designation and Serial No.

JIC 108

8. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

5. Well Name and No.

JICARILLA C #8E

9. API Well No.

3003922577

10. Field and Pool, or Exploratory Area

Basin DAKOTA

11. County or Parish, State

RIO ARRIBA

NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS IS IN RESPONSE TO DEMAND LETTER, JIC CONTR. 108, ET AL 3160 (017). THIS WELL WAS RETURNED TO PRODUCTION 060194. A SUBSEQUENT REPORT OF AN EMULSION TREATMENT WAS APPROVED 090694. THE SUBSEQUENT FAILED TO MENTION THE RTP.

AMOCO APOLOGIZES FOR THE OVERSIGHT AND ANY INCONVENIENCE IT HAS CAUSED.

RECEIVED
APR 20 1995
OIL CON. DIV.
DIST. 3

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

03-14-1995

(This space for Federal or State office use)

Approved by

David R. [Signature]

Title

Sol Chief, Lands and Mineral Resources APR 19 1995

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

94 AUG 17 AM 11:14
070 FARMINGTON, NM

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

WAYNE BRANUM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1020 FNL 870 FEL Sec. 13 T 26N R 5W

6. Lease Designation and Serial No.

JIC 108

8. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA C #8E

9. API Well No.

300392257700

10. Field and Pool, or Exploratory Area

basin dakota

11. County or Parish, State

RIO ARRIBA NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other EMULSION TREATMENT
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRUSU - 5/18/94. RU FLOW LINES TO BLOW TANK. CSG PRESS - 340#, TBG PRESS - 0# BLEW WELL DN TO TNK. NGWH & NUBOP, PULLED DOGNOT & TIH W/ 6 JTS TBG & TAGGED BOTTOM. TOH W/ TBG & TALLIED OUT OF HOLE. ACTUAL TAG - 7879'. 11' OF FILL IN HOLE & 19' OF RAT HOLE. PU 4.5" SCRAPER & TBG TO 7979'. TOH W/ SCRAPER & TBG. 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.

RECEIVED
SEP - 8 1994
OIL CON. DIV.
DIST. 3

IF YOU HAVE ANY QUESTIONS CONTACT WAYNE BRANAM AT (303) 830-4912.

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

Signed Wayne Branum Title ANALYST Date 08-15-1994

(This space for Federal or State office use)

Approved by Debby Lucero Title Acting Chief, Lands and Mineral Resources Date SEP 6 1994

Conditions of approval, if any:

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. Name of Operator

Attention

Amoco Production Company

Julie Acevedo

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1020' FNL, 870' FEL, Sec. 13, T26N-R5W

5. Lease Designation and Serial No.

Contract 108

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla C #8E

9. API Well No.

30 039 22577

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attached for casing repair on the subject well.

RECEIVED
MAR 1 1993
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
52 DEC 21 PM 12:50
DIA FAC. FARMINGTON, N.M.

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

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

Signed Julie Acevedo Title Sr. Staff Assistant Date 12/7/92

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by _____
Conditions of approval, if any:

Title

DEC 30 1992

NMOC

FARMINGTON RESOURCE AREA

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

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

2. Name of Operator
Amoco Production Company Attn: John Hampton

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1020' FNL, 870' FEL Sec. 13, T26N-R5W

5. Lease Designation and Serial No.
Contract 108

6. If Indian, Allottee or Tribe Name
Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Jicarilla C #8E

9. API Well No.
30 039 22577

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State
Rio Arriba, New Mexico

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company intends to test casing for leaks and repair.
See attached for procedure:

RECEIVED
OCT 3 0 1991
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
91 OCT 11 AM 10:49
019 FARMINGTON, N.M.

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

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

Signed John Hampton/903
(This space for Federal or State office use)

Title Sr. Staff Admin. Supv.

Date 10/8/91

Approved by _____
Conditions of approval, if any:

Title _____

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator AMOCO PRODUCTION COMPANY		Well API No. 300392257700
Address P.O. BOX 800, DENVER, COLORADO 80201		
Reason(s) for filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8E	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter A : 1020 Feet From The FNL Line and 870 Feet From The FEL Line Section 13 Township 26N Range 5W , NMPM , RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

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

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH		SACCEMENT			
AUG 23 1990								
OIL CON. DIV.								
DIST. 3								

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

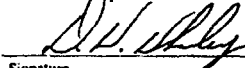
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

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

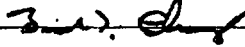
VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


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

OIL CONSERVATION DIVISION

Date Approved **AUG 23 1990**

By 
Title **SUPERVISOR DISTRICT #3**

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 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
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION

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

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company		Well API No. 3003922577
Address 1670 Broadway, P. O. Box 800, Denver, Colorado 80201		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Tenneco Oil E & P, 6162 S. Willow, Englewood, Colorado 80155		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA C	Well No. 8E	Pool Name, Including Formation BASIN (DAKOTA)	FEDERAL	Lease No. 9000108
Location Unit Letter A 1020 Feet From The FNL Line and 870 Feet From The FEL Line Section 13 Township 26N Range 5W , NMPM, RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 1429, BLOOMFIELD, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. BOX 8900, SALT LAKE CITY, UT 84108-0899
Northwest Pipeline Corporation	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (D.F., RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
GAS WELL			
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

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

OIL CONSERVATION DIVISION

Date Approved **MAY 08 1989**

By *[Signature]*
SUPERVISION DISTRICT # 3

Title

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

NO. OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

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

Form C-104
 Supersedes Old C-104 and C-11
 Effective 1-1-65

I. OPERATOR

Operator: Tenneco Oil Company

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

Reason(s) for filing (Check proper box):

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

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Jicarilla C</u>	Well No.: <u>8E</u>	Pool Name, Including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Contract</u>	Lease No. <u>#108</u>
Location				
Unit Letter <u>A</u>	<u>1020</u> Feet From The <u>North</u> Line and <u>870</u> Feet From The <u>East</u>			
Line of Section <u>13</u>	Township <u>26N</u>	Range <u>5W</u>	, NMPM, <u>Rio Arriba</u> County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Conoco</u>	<u>Box 460, Hobbs, New Mexico 88240</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Northwest Pipeline</u>	<u>Box 1256, Salt Lake City, Utah 84111</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
<u>A</u>	<u>No</u> <u>ASAP</u>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Rest' <input type="checkbox"/>	Diff. Rest' <input type="checkbox"/>
Date Spudded <u>6/13/81</u>	Date Compl. Ready to Prod. <u>7/22/81</u>	Total Depth <u>7899'</u>	F.S.T.D. <u>7890'</u>					
Elevations (DF, RKB, RT, GR, etc.), <u>6793' gr.</u>	Name of Producing Formation <u>Dakota</u>	Top Oil/Gas Pay <u>7670'</u>	Taking Depth <u>7696'</u>					
Perforations <u>7670-76', 7768-80', 7848-60'</u>			Depth Casing Shoe <u>3844</u>					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>12-1/4"</u>	<u>9-5/8"</u>	<u>36#</u>	<u>321'</u>		<u>350sx</u>			
<u>8-3/4"</u>	<u>7"</u>	<u>23#</u>	<u>3818'</u>		<u>700sx</u>			
<u>6-1/4"</u>	<u>4-1/2"</u>	<u>11.6, 10.5#</u>	<u>7899'</u>		<u>550sx</u>			
	<u>2-3/8"</u>		<u>7696'</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

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

GAS WELL

Actual Prod. Test-MCF/D <u>1649</u>	Length of Test <u>3 hrs.</u>	Bbls. Condensate/MMCF	Quantity of Condensate
Testing Method (pilot, back pr.) <u>Back Pressure</u>	Tubing Pressure (Shut-In) <u>2405 PSI</u>	Casing Pressure (Shut-In) <u>2375 PSI</u>	Choke Size <u>3/4"</u>

VI. CERTIFICATE OF COMPLIANCE

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

David M. Hene
 (Signature)
 Production Analyst
 July 24, 1981
 (Date)

OIL CONSERVATION COMMISSION
AUG 21 1981

APPROVED _____
 Original Signed by FRANK T. CHAVEZ
 BY _____
 TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiple completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

AMENDED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Tenneco Oil Company						5. FARM OR LEASE NAME Jicarilla C	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155						9. WELL NO. 8E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1020' FNL 870' FEL "A" At top prod. interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO. _____ DATE ISSUED _____						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 13, T26N R5W	
15. DATE SPUDDED 6/13/81						12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 7/22/81						18. ELEVATIONS (DF, REB, RT, CR, ETC.)* 6793' gr.	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 7899'	
21. PLUG, BACK T.D., MD & TVD 7890'						22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY →						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7670-7860' Dakota	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IGRL	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
9-5/8"	36#	321'	12-1/4"	350sx Class B			
7"	23#	3818'	8-3/4"	550sx Howco-lite; 150sx Cl-B			
4-1/2"	11.6, 10.5#	7899'	6-1/4"	400sx 65/35; 150sx Cl-B			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3662'	7899'	550 SX		2-3/8"	7696'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7670-76' w/2 JSPF 12 holes				DEPTH INTERVAL (MD)			
7768-80' w/1 JSPF 24 holes				7670-7860'			
7848-60' Total of 36 holes				AMOUNT AND KIND OF MATERIAL USED			
				1200 gals 15% weighted acid			
				54.1 ball slrs, 105,000#			
				20/40 sand, 90,000 gals 30#			
				cross link gel			
33. PRODUCTION							
DATE FIRST PRODUCTION 7/22/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 7/22/81	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →	GAS-OIL RATIO →
FLOW. TUBING PRESS. 107 PSI	CASING PRESSURE 603 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 1649	WATER—BBL. →	OIL GRAVITY-API (CORR.) DIST. 3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY →	
35. LIST OF ATTACHMENTS Electric logs to be forwarded by Gearhart							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED →		TITLE Production Analyst		DATE 8/13/81			

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

BY

NMOCC

INSTRUCTIONS

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

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

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

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

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Menefee	Csg Shoe	5079	Sand, shale	Greenhorn	7555'	
Point Lookout	5079	5300	Sand, water			
Mancos	5300	6295	Sand, shale			
Gallup	6295	7355	Sand, water			
Graneros	7621	7665	Shale			
Dakota	7665	TD	Sand, Gas			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Tenneco Oil Company						5. LEASE DESIGNATION AND SERIAL NO. Contract #108	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1020' FNL 870' FEL "A" At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME Jicarilla C	
14. PERMIT NO.						8. FARM OR LEASE NAME Jicarilla C	
DATE ISSUED						9. WELL NO. 8E	
15. DATE SPUDDED 6/13/81						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
16. DATE T.D. REACHED						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 13, T26N R5W	
17. DATE COMPL. (Ready to prod.) 7/22/81						12. COUNTY OR PARISH Rio Arriba	
18. ELEVATIONS (DE, RES, RT, GR, ETC.)* 6793' gr.						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7899'		21. PLUG, BACK T.D., MD & TVD 7890'		22. IF MULTIPLE COMPL., HOW MANY*		19. ELEV. CASINGHEAD	
23. INTERVALS DRILLED BY →						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7670-7860' Dakota	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IGRL	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		321'		12-1/4"	
7"		23#		3818'		8-3/4"	
4-1/2"		116., 10.5#		7899'		6-1/4"	
CEMENTING RECORD		AMOUNT PULLED					
350sx Class B							
550sx Howco-lite; 150sx Cl-B							
400sx 65/35; 150sx Cl-B							
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2-3/8"		7696'					
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
7670-76' w/2 JSPF 12 holes		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7768-80' w/1 JSPF 24 holes		7670-7860'		1200 gals 15% weighted acid			
7848-60' Total of 36 holes				54 1.1 ball slrs, 105,000#			
				20/40 sand, 90,000 gals 30#			
				cross link gel			
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY			
DATE FIRST PRODUCTION 7/22/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST 7/22/81		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 107 PSI		CASING PRESSURE 603 PSI		CALCULATED 24-HOUR RATE →		OIL—BBL. 1649	
GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
35. LIST OF ATTACHMENTS Electric logs to be forwarded by Gearhart		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <i>[Signature]</i> TITLE Production Analyst DATE 7/24/81			

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

NMOCG

WASHINGTON D.C.

31

INSTRUCTIONS

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

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

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

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TUP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Menefee	Csg shoe	5079	Sand, shale	Greenhorn	7555'	
Point Lookout	5079	5300	Sand, water			
Mancos	5300	6295	Sand, shale			
Gallup	6295	7355	Sand, water			
Graneros	7621	7665	Shale			
Dakota	7665	TD	Sand, Gas			

Tenneco Oil
Exploration and Production
A Tenneco Company



Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

DEPTH INCLINATION

328	3/4°
841	1°
1350	1°
1853	1-1/4°
1991	2-1/4°
2430	1-1/2°
2745	1-1/4°
3219	1-1/4°
3819	1-1/2°
4070	1-1/2°
4518	1-3/4°
4935	2°
5435	1-1/2°
5950	1-1/4°
6485	1-3/4°
6845	1-1/4°
7385	1-3/4°
7900	2°

DEPTH INCLINATION



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: David Lane

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.

Charlotte Hargrave
Notary Public

My Commission Expires:

6/30/85

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1020' FNL 870' FEL "A"
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
Contract #108
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla C
9. WELL NO.
8E
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 13, T26N R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6793' gr.

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

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

7/9/81 - RIH w/tbg and bit. Tag sand fill @ 6545'. Reverse sand out to PBTD. 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.

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

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

SIGNED [Signature] TITLE Production Analyst DATE 7/27/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

NMOCC

BY [Signature] ARRLINGTON D. C. 1 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1020' FNL 870' FEL "A"
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

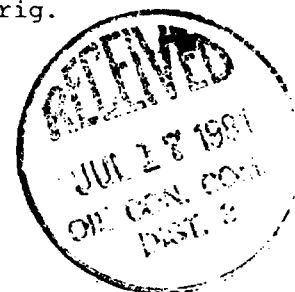
☒ RECEIVED
JUL 15 1981
U.S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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

5. LEASE
Contract #108
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla C
9. WELL NO.
8E
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
ec. 13, T26N R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6793' gr.

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.)*

6/23/81 - Rig up and run 97 jts (4237') 4-1/2" 11.6# and 10.5# K-55 set at 7899'. Set flow collar @ 7851' and top of liner @ 3662'. Cmt with 20 bbl gel-water and 400 sx 65/35 and .6% gel and .6% halad-9. Tail w/150sx B + .6% halad-9. Plug down 6/23/81. Circ cmt to approx 3663'. Release rig.



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

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

SIGNED Dan He TITLE Production Anal. DATE 7/10/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

NMOCG

BY Dan Elliott

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1020' FNL 870' FEL "A"

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

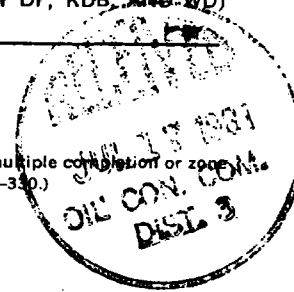
REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒ RECEIVED
JUL 15 1981
U.S. GEOLOGICAL SURVEY
FARMHIST BUILDING

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



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

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/tbg.
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. Etab 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# cross-link gel.

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

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

SIGNED D. K. Roe TITLE Production Analyst DATE 7/10/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

NMOCC

BY Don Elliott

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood Co. 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1020' FNL 870' FEL "A"
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

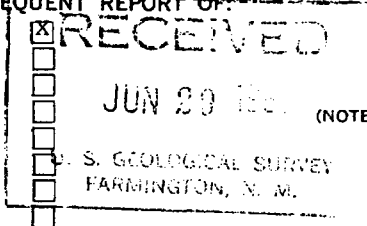
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Commence drilling operations

SUBSEQUENT REPORT OF:



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

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

6/14/81 MIRURT. Spud well 6/13/81 w/Four Corners rig #8. Drill to 328'. Circ hole. RU and run 8 jts 9 5/8" 36# K-55 STC csg w/shoe @ 321'. Cmt w/350 sx Class B w/2% CACL₂ and .6% Flocele. Plug down. Circ cmt to surface. WOC. NUBOP and pressure test to 1000 PSI for 30 mins. Resume drilling. Wash to bottom. Mix mud. 6/18/81 Drill to 3819'. Short trip. Circ and cond. Laid down drill pipe. Run 7" 23# csg (K-55 STC) 99 jts set @ 3818'. Cmt w/20 bbls chem wash. 550 sx Howco Lite. Tail in w/150 sx B w/2% CACL₂. Lost circ 40 bbls into displacement. Pressure: 200-700 PSI. Plug down w/1200 PSI. Est top of cmt @ 1010'. 6/19/81 Set slips, cut off csg. WOC. Pressure test stack to 1000 PSI for 30 mins. Unload hole. Dry up and drill ahead.

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

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

SIGNED Carolyn Heston TITLE Asst.Div.Adm.Mgr. DATE 6/23/81

(This space for Federal or State office use)

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

APR 23 1981

JUL 2 1981

*See Instructions on Reverse Side

NMOCC

B" 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well ☐ gas well ☒ other
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1020' FNL 870' FEL "A"
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) Change in csg design

5. LEASE
Contract #108
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla C
9. WELL NO.
8E
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T26N R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6793' gr.

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

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

Tenneco proposes the following changes in casing and cementing program:

12-1/4"	9-5/8"	36#	± 300'	Circ cmt to surface
8-3/4"	7"	23#	± 3800'	Circ cmt to surface
6-1/4"	4-1/2"	10.5, 11.6#	± 8040'	Circ cmt to liner top

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

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

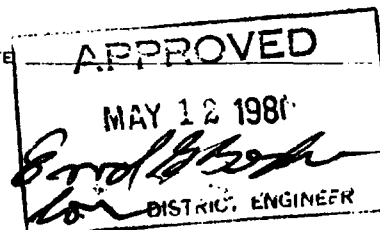
SIGNED Curly J. Stettin Asst. Div. Adm. Mgr. DATE 5/5/81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR
Tenneco Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1020 FNL, 870 FEL
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Approximately 20 miles NW of Lindrith, N.M.

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 870

16. NO. OF ACRES IN LEASE 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

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

19. PROPOSED DEPTH ±8110

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6793 GR

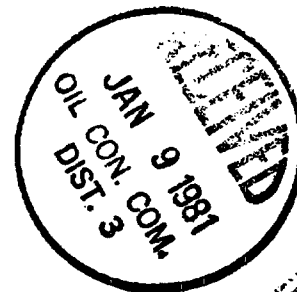
22. APPROX. DATE WORK WILL START* March 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±300	Circulate to surface
7 7/8"	4 1/2" new	11.6#, 10.5#	±8110	Cement in two stages

See attached.

The gas is dedicated.



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

24. SIGNED R. A. Miskler Sr. Production Analyst December 10, 1980
R. A. Miskler

(This space for Federal or State office use)

APPROVED AS AMENDED APPROVAL DATE

APPROVED BY JAMES F. SIMS DISTRICT ENGINEER
CONDITIONS OF APPROVAL, IF ANY: See Instructions On Reverse Side

23-

Miskler

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

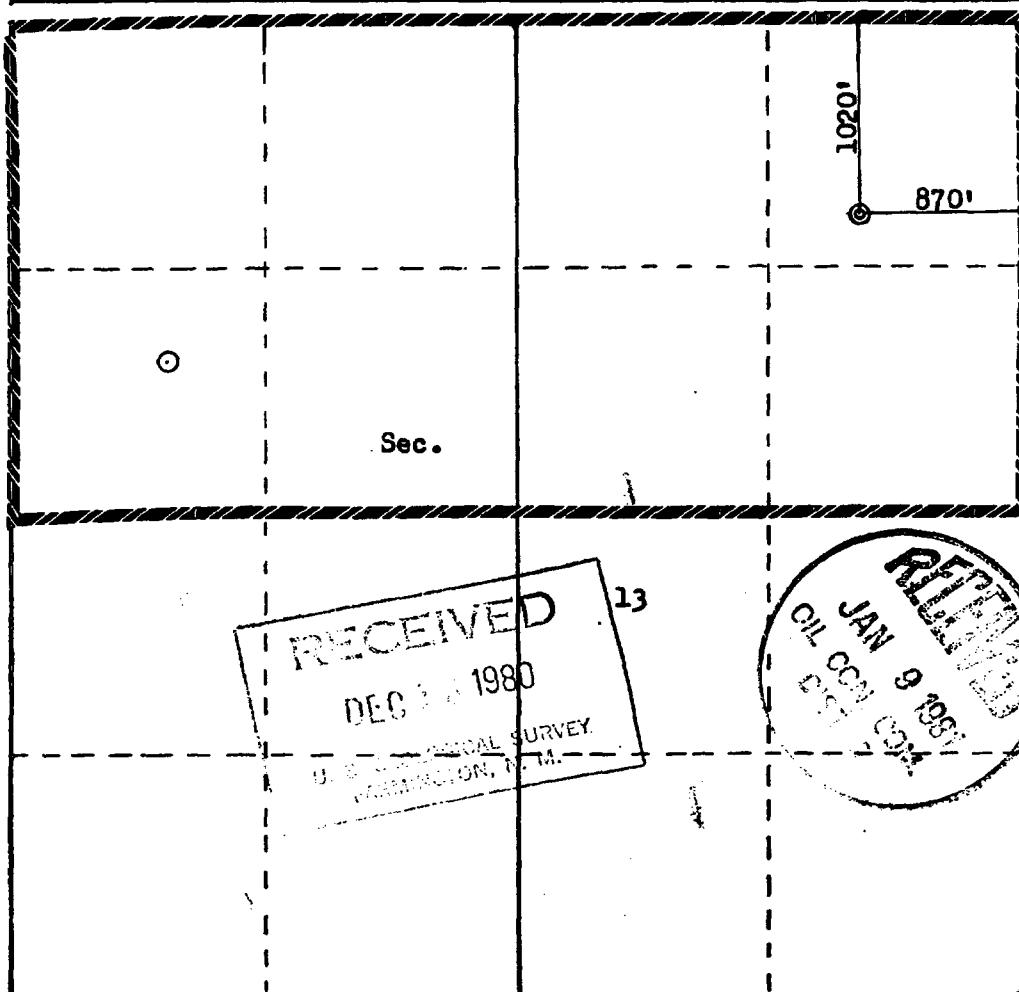
Operator TENNECO OIL COMPANY			Lease JICARILLA C		Well No. 8E
Unit Letter A	Section 13	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1020 feet from the North line and 870 feet from the East line					
Ground Level Elev: 6793	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 Acres

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

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

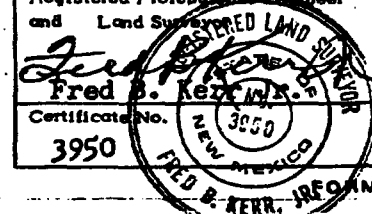
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	R. A. Mishler
Position	Sr. Production Analyst
Company	Tenneco Oil Company
Date	December 10, 1980
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	November 2, 1980
Registered Professional Engineer and Land Surveyor Fred B. Kerr	
Certificate No.	3950



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

DRILLING PROCEDURE

DATE: September 23, 1980

LEASE: Jicarilla

WELL NO.: C#8E

LOCATION: 1020 FNL, 870 FEL
Section 13, T26N, R5W
Rio Arriba County, New Mexico

FIELD: Basin Dakota

ELEVATION: 6793 (Est. G.L.)

TOTAL DEPTH: 8110

PROJECTED HORIZON: Dakota

SUBMITTED BY: David Kranz

DATE: September 23, 1980

APPROVED BY: *DBarnes*

DATE: 9/25/80

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

1. MIRURT
2. Drill a 12¼" 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% CaCl₂ 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

<u>Interval</u>	<u>Length</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
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 $1\frac{1}{2}^{\circ}$.
2. From surface to total depth, deviation surveys must be taken every 500' or each trip, whichever is first. This 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: *San Jose*
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

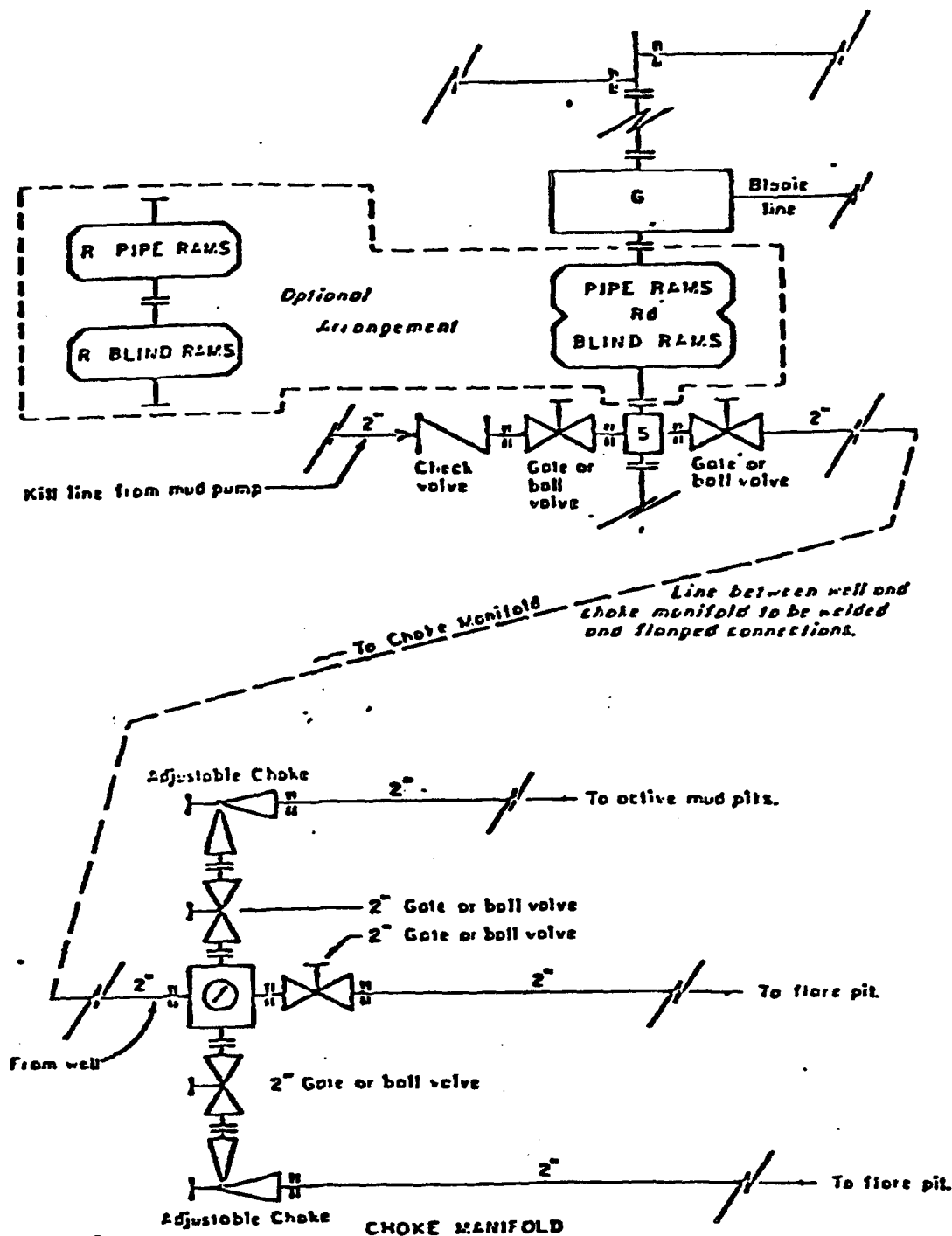
(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
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 H₂S are expected to be encountered.
10. The drilling of this well will start approximately *(March '81)* 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 as noted.

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

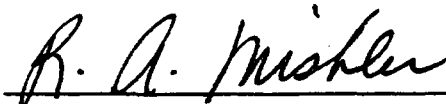
ARRANGEMENT C

TENNECO OIL COMPANY
 ROCKY MOUNTAIN DIVISION
 REQUIRED MINIMUM
 BLOWOUT PREVENTER AND
 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 least 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 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

.20

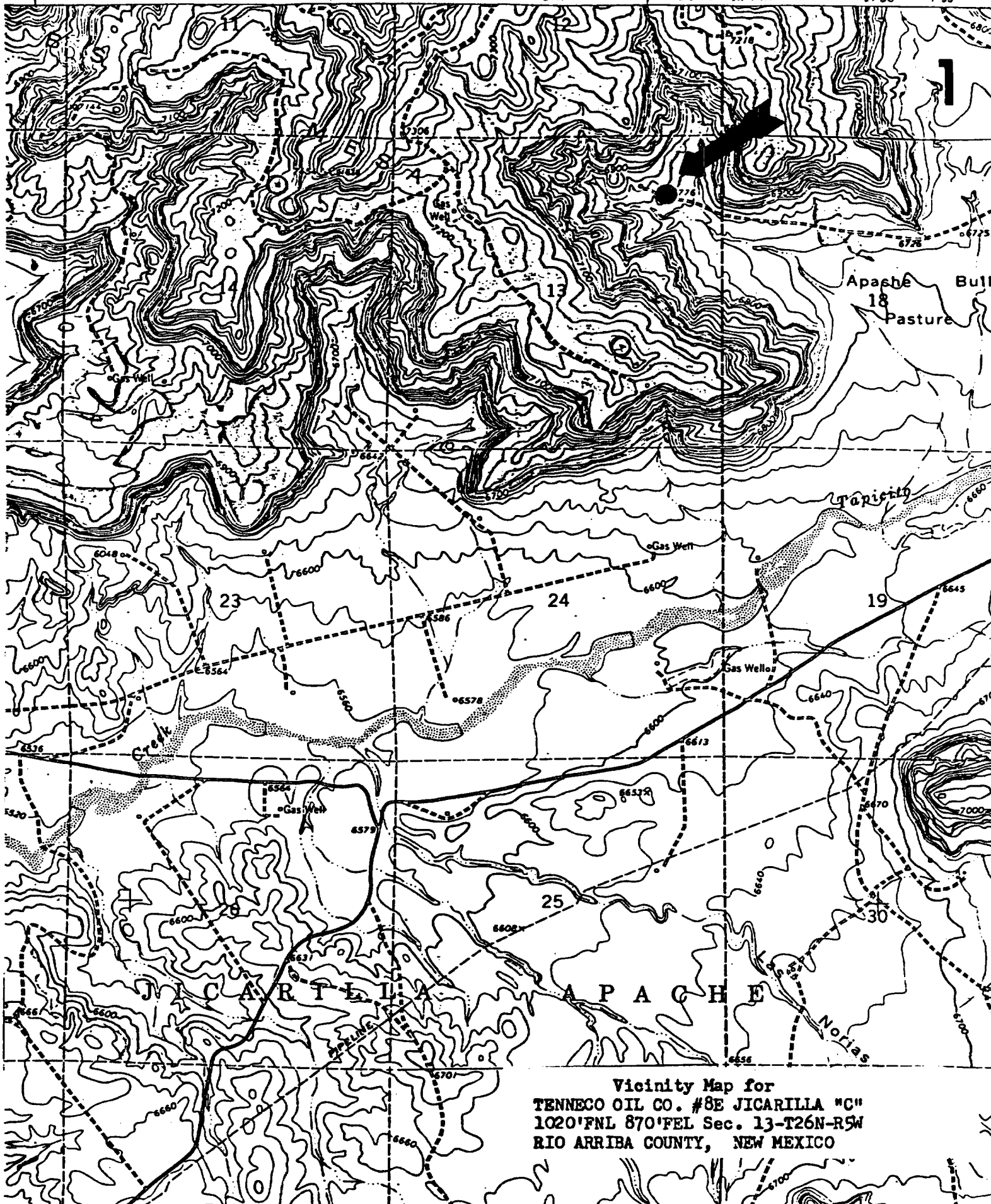
192

4337 111 SE
(VIGAS CANYON)

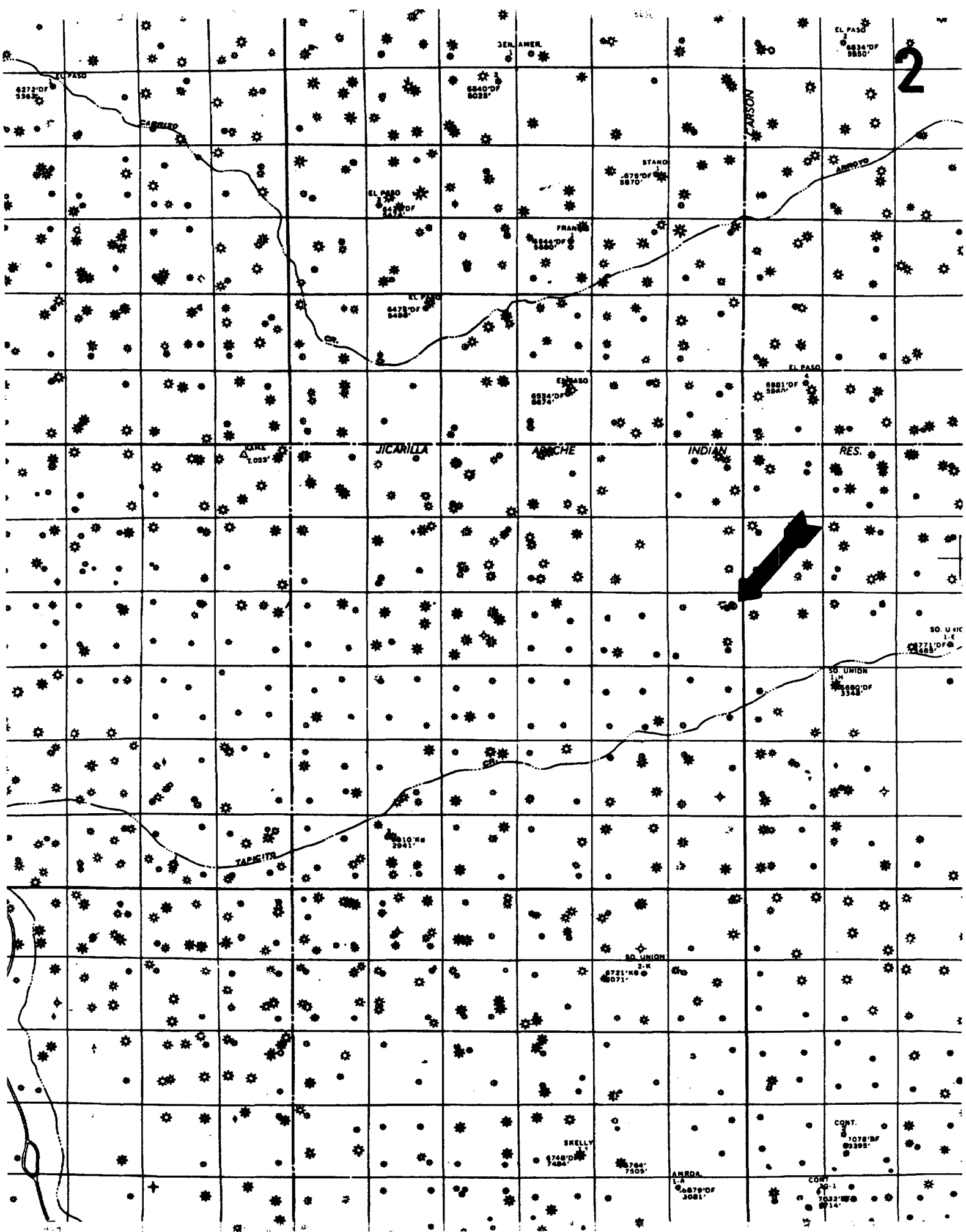
R. 5 W. R. 4 W.

1730'

195



Vicinity Map for
TENNECO OIL CO. #8E JICARILLA "C"
1020'FNL 870'FEL Sec. 13-T26N-R5W
RIO ARRIBA COUNTY, NEW MEXICO



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Profile Map for



Vert. 1" = 40'

Horiz. 1st 100'

42

~~7/10~~

~~Kerr~~ and Surveying, Inc.