

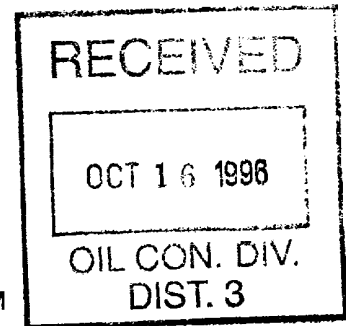
BURLINGTON RESOURCES

SAN JUAN DIVISION

October 15, 1996

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: San Juan 27-5 Unit #49 *A*
1090'FNL, 800'FEL Section 18, T-27-N, R-5-W, Rio Arriba County, NM
API #30-039-07089



Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the South Blanco Pictured Cliffs and Blanco Mesa Verde pools in the subject well. This is currently a Pictured Cliffs/Mesa Verde dual completion.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company is submitting the following for your approval of this commingling:

1. Form C107A - Application for Downhole Commingling;
2. C-102 plat for each zone showing its spacing unit and acreage dedication;
3. Production curve for both the Pictured Cliffs and Mesa Verde for at least one year;
4. Notification list of offset operators - Burlington is the offset operator;
5. Shut in wellhead pressure and calculated down hole pressure;
6. Nine-section plats for the Pictured Cliffs and Mesa Verde.

Notification of Pictured Cliffs and Mesa Verde interest owners is covered under Case #11626 before the New Mexico Oil Conservation Division.

Because we are adding pay in the Mesa Verde, a fixed percent allocation cannot be calculated at this time. Allocation will be based on percentage of pitot gauge obtained during workover.

Please let me know if you require additional data.

Sincerely,

A handwritten signature in cursive script, appearing to read "Peggy Bradfield".

Peggy Bradfield
Regulatory/Compliance Administrator

encs.

Well Location and Acreage Dedication Plat

Section A.

Date MAY 10, 1960

Operator EL PASO NATURAL GAS COMPANY Lease SAN JUAN 27-5 UNIT SF 079391
 Well No. 19(PM) Unit Letter A Section 18 Township 27-N Range 5-W NMPM
 Located 1090 Feet From NORTH Line, 800 Feet From EAST Line
 County RIO ARriba G. L. Elevation 6554 Dedicated Acreage 160 & 320 Acres
 Name of Producing Formation PICTURED CLIFFS & MESA VERDE Pool SO. BLANCO PC EXT. & BLANCO MV

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes _____ No X
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No _____. If answer is "yes", Type of Consolidation.

Unit Agreement

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

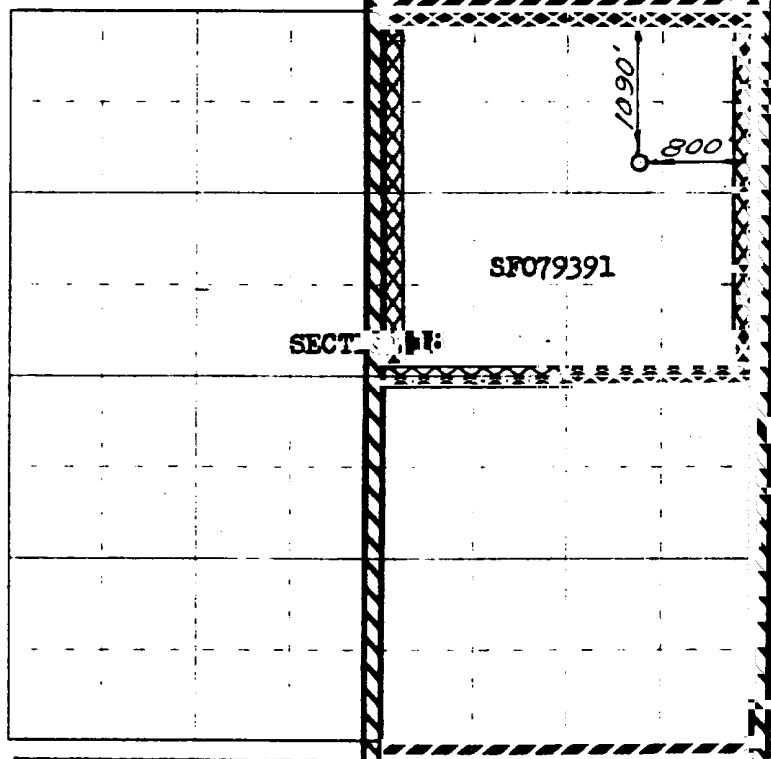
| <u>Owner</u> | <u>Land Description</u> |
|--------------|-------------------------|
| | |
| | |
| | |

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company
 ORIGINAL SIGNED J.J. TILLERSON
 (Operator)
 (Representative)
Box 997
 (Address)
Farmington, New Mexico

Note: All distances must be from outer boundaries of section



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

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed FEBRUARY 15, 1960

David L. Tillerson
 Registered Professional Engineer and/or Land Surveyor

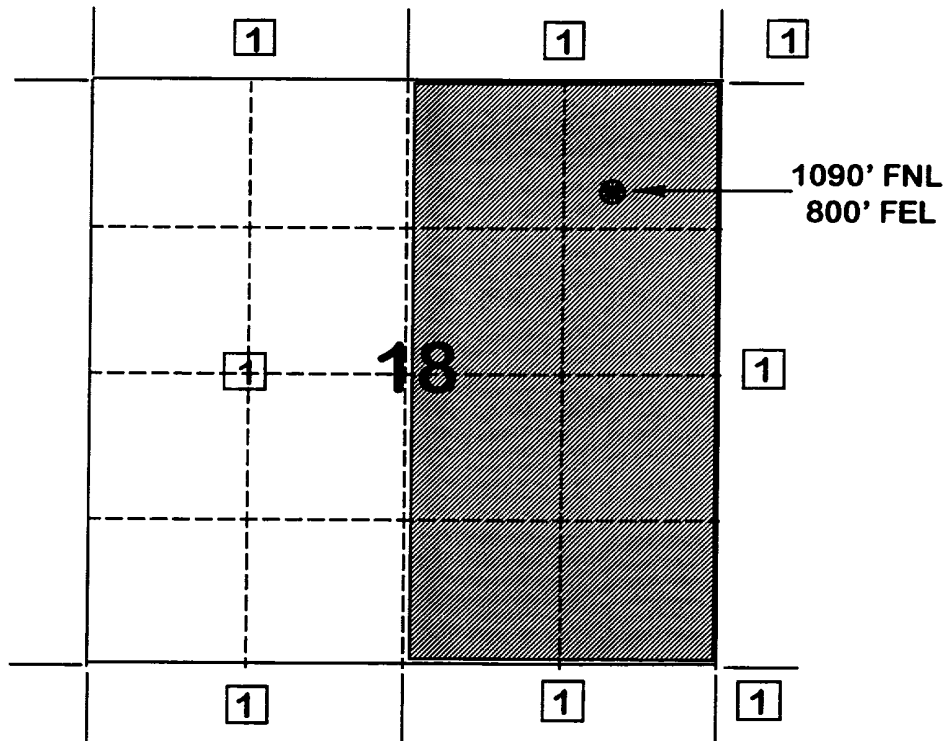
Farmington, New Mexico

BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 27-5 Unit #49
OFFSET OPERATOR \ OWNER PLAT

Mesaverde (E/2) / Pictured Cliffs (NE/4) Formations Commingle Well

Township 27 North, Range 5 West



1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.

27-5 # 49 Initial Pc

BHP.XLS

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

| | |
|--------------------------------|--------|
| GAS GRAVITY | 0.639 |
| COND. OR MISC. (C/M) | M |
| %N2 | 0.34 |
| %CO2 | 0.43 |
| %H2S | 0 |
| DIAMETER (IN) | 2.441 |
| DEPTH (FT) | 3312 |
| SURFACE TEMPERATURE (DEG F) | 60 |
| BOTTOMHOLE TEMPERATURE (DEG F) | 100 |
| FLOWRATE (MCFPD) | 1000 |
| SURFACE PRESSURE (PSIA) | 1082 |
| BOTTOMHOLE PRESSURE (PSIA) | 1184.3 |

27-5 #49 Current PC

BHP.XLS

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

| | |
|--------------------------------|------------------------------------|
| GAS GRAVITY | <u>0.639</u> |
| COND. OR MISC. (C/M) | <u>M</u> |
| %N2 | <u>0.34</u> |
| %CO2 | <u>0.43</u> |
| %H2S | <u>0</u> |
| DIAMETER (IN) | <u>2.441</u> |
| DEPTH (FT) | <u>3312</u> |
| SURFACE TEMPERATURE (DEG F) | <u>60</u> |
| BOTTOMHOLE TEMPERATURE (DEG F) | <u>100</u> |
| FLOWRATE (MCFPD) | <u>1000</u> |
| SURFACE PRESSURE (PSIA) | <u>248</u> |
| BOTTOMHOLE PRESSURE (PSIA) | <input type="text" value="276.7"/> |

27-5 #49 Initial MV

BHP.XLS

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

| | |
|--------------------------------|-------------------------------------|
| GAS GRAVITY | <u>0.702</u> |
| COND. OR MISC. (C/M) | <u>M</u> |
| %N2 | <u>0.3</u> |
| %CO2 | <u>0.79</u> |
| %H2S | <u>0</u> |
| DIAMETER (IN) | <u>2.441</u> |
| DEPTH (FT) | <u>5005</u> |
| SURFACE TEMPERATURE (DEG F) | <u>60</u> |
| BOTTOMHOLE TEMPERATURE (DEG F) | <u>120</u> |
| FLOWRATE (MCFPD) | <u>1000</u> |
| SURFACE PRESSURE (PSIA) | <u>1098</u> |
| BOTTOMHOLE PRESSURE (PSIA) | <input type="text" value="1279.3"/> |

27-5 #49 Current MV

BHP.XLS

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

| | |
|--------------------------------|--------------|
| GAS GRAVITY | <u>0.702</u> |
| COND. OR MISC. (C/M) | <u>M</u> |
| %N2 | <u>0.3</u> |
| %CO2 | <u>0.79</u> |
| %H2S | <u>0</u> |
| DIAMETER (IN) | <u>2.441</u> |
| DEPTH (FT) | <u>5005</u> |
| SURFACE TEMPERATURE (DEG F) | <u>60</u> |
| BOTTOMHOLE TEMPERATURE (DEG F) | <u>120</u> |
| FLOWRATE (MCFPD) | <u>1000</u> |
| SURFACE PRESSURE (PSIA) | <u>422</u> |
| BOTTOMHOLE PRESSURE (PSIA) | <u>489.4</u> |

FUNCTION (A,C,D,I) I ** DATA AT TEST PRESSURE UNLESS NOTED **
 MP NUMBER 72842 SAN JUAN 27-5 UNIT 49 (PC)
 EFFECTIVE DATE 19950801
 REGION CD 42 SAN JUAN
 MP TYPE CODE 10 GAS METER - WELLHEAD SALES

 SAMPLE TYPE CODE (GAS,LIQ,BTU) GAS ----- BTU/CF -----
 SAMPLE DATE 19950801 --- (AT 14.73 PSIG) --
 SAMPLE LINE PRESSURE (PSIG) WET 1109.371 DRY 1129.000
 SAMPLE LINE TEMPERATURE (DEG F) -----
 TEST DATE ----- BTU/CF -----
 TEST PRESSURE (PSIG) 14.730 WET 1109.371 DRY 1129.000
 TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR -----
 TEST LIFE (MONTHS) 6
 TESTER SOURCE BA NUMBER 888029 EL PASO NATURAL GAS
 TEST PURPOSE CODE -----

 03=DETAIL SCR 04=MP-NM BRWS 06=MP/DS LST 07=MP/WN LST
 11=PREV SCR 12=MAIN MENU 20=NEXT REC
 21=REFRESH SCR 22=PREV MENU 24=HELP PA1=TERMINATE
 B MY JOB LU #2

MOL % (AT 14.73) GPM ** DATA AT 14.730 PSIG UNLESS NOTED **

| | | | | |
|------------------|--------|--------|------------------------------|----------|
| HYDROGEN | _____ | | MP NUMBER | 72842 |
| HELIUM | _____ | | EFFECTIVE DATE | 19950801 |
| NITROGEN | 0.34 | | | |
| OXYGEN | _____ | | | |
| HYDROGEN SULFIDE | _____ | | -- GASOLINE CONTENT (GPM) -- | |
| CARBON DIOXIDE | 0.43 | | 26/70 GASOLINE | _____ |
| METHANE | 89.86 | | 100% PROPANE | _____ |
| ETHANE | 5.22 | 1.3964 | EXCESS BUTANES | _____ |
| PROPANE | 2.57 | 0.7083 | TOTAL | _____ |
| ISO-BUTANE | 0.46 | 0.1505 | | |
| N-BUTANE | 0.57 | 0.1797 | | |
| ISO-PENTANE | 0.18 | 0.0659 | ----- SPECIFIC GRAVITY ----- | |
| N-PENTANE | 0.12 | 0.0435 | CALCULATED | 0.6390 |
| HEXANE | _____ | | MEASURED | _____ |
| HEXANE PLUS | 0.25 | 0.1091 | | |
| HEPTANE PLUS | _____ | | SULPHER GRAINS / 100 CU FT | _____ |
| TOTALS | 100.00 | 2.6534 | | |

 03=MAIN SCREEN 24=HELP PA1=TERMINATE
 B MY JOB NUM LU #2

FUNCTION (A,C,D,I) I ** DATA AT TEST PRESSURE UNLESS NOTED **
 MP NUMBER 72843 SAN JUAN 27-5 UNIT 49 (MV)
 EFFECTIVE DATE 19930901
 REGION CD 42 SAN JUAN
 MP TYPE CODE 10 GAS METER - WELLHEAD SALES

 SAMPLE TYPE CODE (GAS, LIQ, BTU) GAS ----- BTU/CF -----
 SAMPLE DATE 19930803 --- (AT 14.73 PSIG) ---
 SAMPLE LINE PRESSURE (PSIG) ----- WET 1196.823 DRY 1218.000
 SAMPLE LINE TEMPERATURE (DEG F) -----
 TEST DATE ----- BTU/CF -----
 TEST PRESSURE (PSIG) 14.730 WET 1196.823 DRY 1218.000
 TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR -----
 TEST LIFE (MONTHS) 6
 TESTER SOURCE BA NUMBER 888029 EL PASO NATURAL GAS
 TEST PURPOSE CODE -----

 03=DETAIL SCR 04=MP-NM BRWS 06=MP/DS LST 07=MP/WN LST
 11=PREV SCR 12=MAIN MENU 20=NEXT REC
 21=REFRESH SCR 22=PREV MENU 24=HELP PA1=TERMINATE
 B MY JOB LU #2

MOL % (AT 14.73) GPM ** DATA AT 14.730 PSIG UNLESS NOTED **

| | | | | |
|------------------|--------|--------|------------------------------|----------|
| HYDROGEN | _____ | | MP NUMBER | 72843 |
| HELIUM | _____ | | EFFECTIVE DATE | 19930901 |
| NITROGEN | 0.30 | | | |
| OXYGEN | _____ | | | |
| HYDROGEN SULFIDE | _____ | | -- GASOLINE CONTENT (GPM) -- | |
| CARBON DIOXIDE | 0.79 | | 26/70 GASOLINE | _____ |
| METHANE | 82.43 | | 100% PROPANE | _____ |
| ETHANE | 9.40 | 2.5145 | EXCESS BUTANES | _____ |
| PROPANE | 4.20 | 1.1575 | TOTAL | _____ |
| ISO-BUTANE | 0.72 | 0.2355 | | |
| N-BUTANE | 1.05 | 0.3311 | | |
| ISO-PENTANE | 0.39 | 0.1427 | ----- SPECIFIC GRAVITY ----- | |
| N-PENTANE | 0.28 | 0.1014 | CALCULATED | 0.7020 |
| HEXANE | _____ | | MEASURED | _____ |
| HEXANE PLUS | 0.44 | 0.1920 | | |
| HEPTANE PLUS | _____ | | SULPHER GRAINS / 100 CU FT | _____ |
| TOTALS | 100.00 | 4.6747 | | |

 03=MAIN SCREEN 24=HELP PA1=TERMINATE
 B MY JOB NUM LU #2

