DHC 12/16/96

Release Date 11/25/96

No Offset

BURLINGTON RESOURCES

SAN JUAN DIVISION

1415

November 22, 1996

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

Re: San Juan 27-5 Unit #50
1650'FNL, 1840'FEL Section 19, T-27-N, R-5-W, Rio Arriba County, NM
API #30-039-06996

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 Order #R-10694 issued November 12, 1996.

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,

Peggy Bradfield
Regulatory/Compliance Administrator

encs.

3535 East 30th St., 87402-8891, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
811 South First St., Artesia, NM 88210-2835
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
New 3-12-96

APPROVAL PROCESS :
__X_ Administrative
___Hearing

EXISTING WELLBORE
_X__ YES ___ NO

Burlington Resources Oil & Gas Company — PO Box 4289, Farmington, NM 87499
Operator — Address

San Juan 27-5 Unit	50	G-19-27N-5W	Rio Arriba
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. _14538__ Property Code _7454____ API NO. 30-039-06996___Federal _X___ , State _____, (and/or) Fee _____

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	South Blanco Pictured Cliffs-72439		Blanco Mesavaerde - 72319
2. Top and Bottom of Pay Section (Perforations)	3162-3226'		4800-5410'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 293 psi	a.	a.620 psi
	(Original) b. 1189 psi	b.	b. 1230 psi
6. Oil Gravity (°API) or Gas BTU Content	BTU 1148		BTU 1261
7. Producing or Shut-In?	producing		producing
Production Marginal? (yes or no)	yes		yes
* If Shut-In and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date:9/29/96 Rates: 18 MCF/D, 0 BOPD	Date: Rates:	Date: 9-29-96 Rates: 42 MCF/D, 0 BOPD
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: % Gas: %	Oil: % Gas: %	Oil: % Gas: %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ___Yes __X_No
If not, have all working, overriding, and royalty interests been notified by certified mail? _X_Yes ____No
Have all offset operators been given written notice of the proposed downhole commingling? _X_Yes ____No

11. Will cross-flow occur? _X__ __ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. _X____ Yes _____No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? _X__ Yes ___ No

13. Will the value of production be decreased by commingling? ___ Yes _X_ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application._X_Yes ___ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). R-10694

16. ATTACHMENTS:
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
* Production curve for each zone for at least one year. (If not available, attach explanation.)
* For zones with no production history, estimated production rates and supporting data.
* Data to support allocation method or formula.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Peggy Bradfield TITLE_RegulatoryAdministrator_DATE 10-2-96_____

TYPE OR PRINT NAME _Peggy Bradfield___ TELEPHONE NO. (505__) 326-9700_____

C-128 (6-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date FEBRUARY 10, 1960

Operator EL PASO NATURAL GAS COMPANY Lease SAN JUAN 27-5 UNIT ~~SF-080667~~

Well No. 50 (PM) Unit Letter G Section 19 Township 27-N Range 5-W NMPM

Located 1650 Feet From NORTH Line, 1840 Feet From EAST Line

County RIO ARRIBA G. L. Elevation 6412 Dedicated Acreage 160 & 320 Acres

Name of Producing Formation PICTURED CLIFFS & MESA VERDE Pool SO. BLANCO P. C. & BLANCO M. V.

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

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.

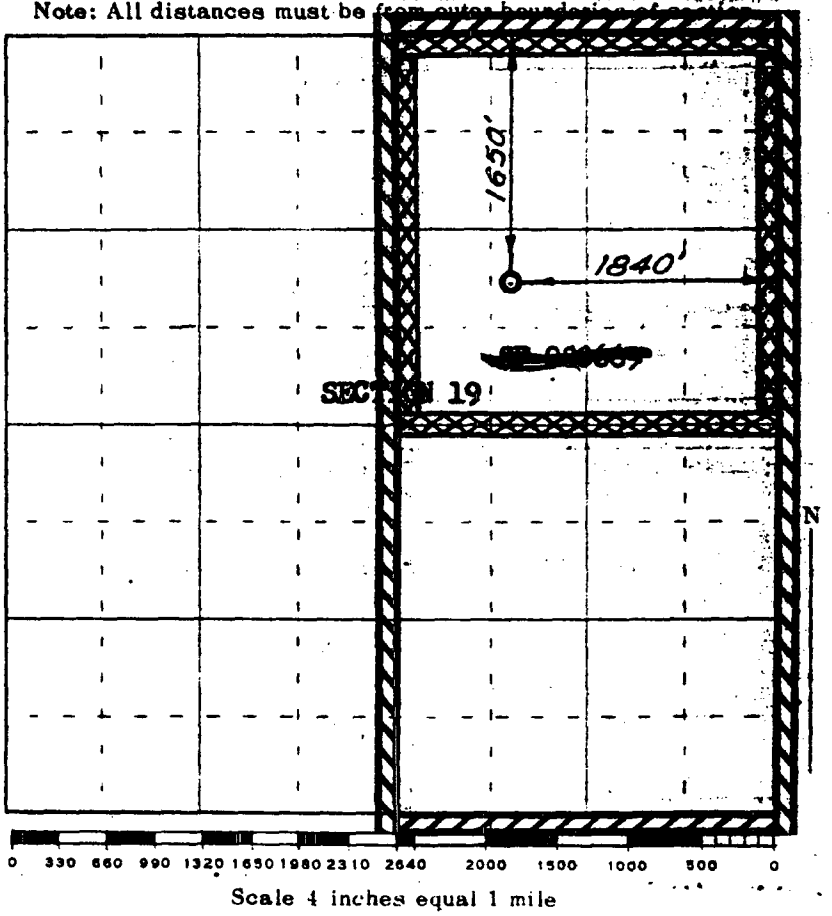
El Paso Natural Gas Company
(Operator)

ORIGINAL SIGNED B.H. MEANS
(Representative)

Box 997
(Address)

Farmington, New Mexico

Note: All distances must be from outer boundaries of section



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.

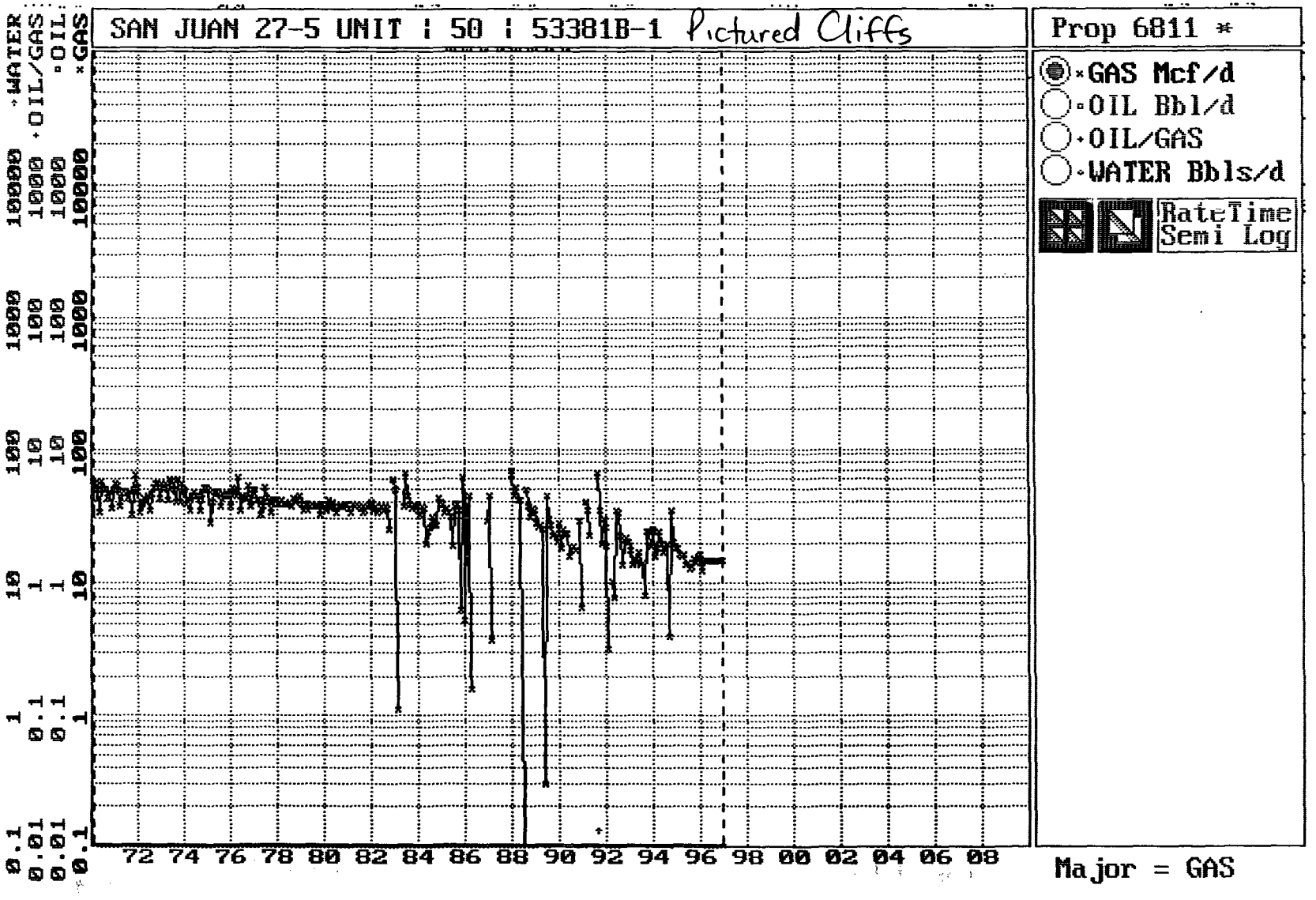
(Seal)

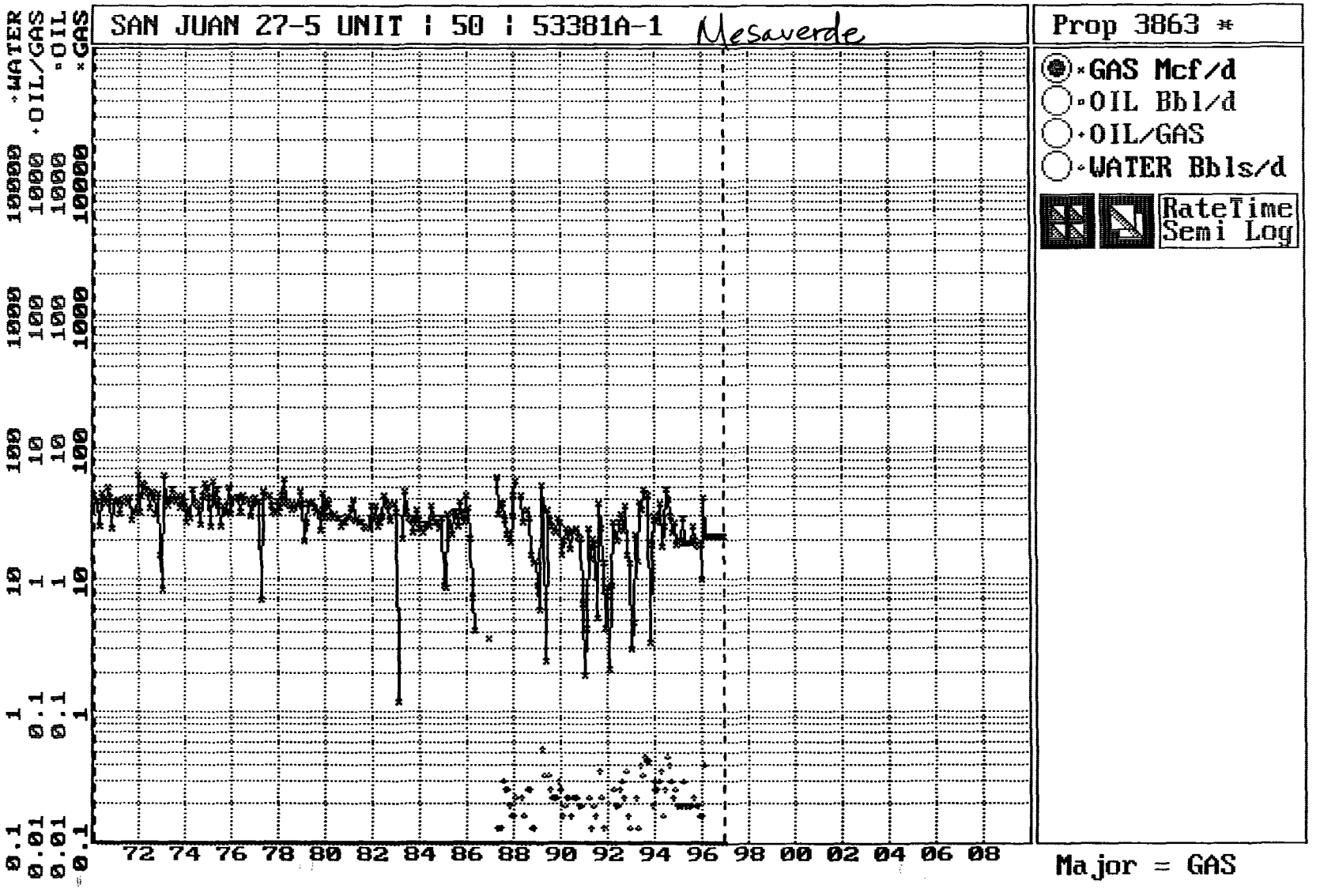
Date Surveyed FEBRUARY 8, 1960

David O. Kilven

Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico


SAN JUAN 27-5 UNIT : 50 : 53381B-1 Pictured Cliffs
Prop 6811 *
*GAS Mcf/d
•OIL Bbl/d
•OIL/GAS
•WATER Bbls/d
RateTime
Semi Log
•WATER
•OIL/GAS
•OIL
*GAS
10000 1000 100 10 1 0.1
10000 1000 100 10 1 0.1
10000 1000 100 10 1 0.1
72 74 76 78 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08
Major = GAS

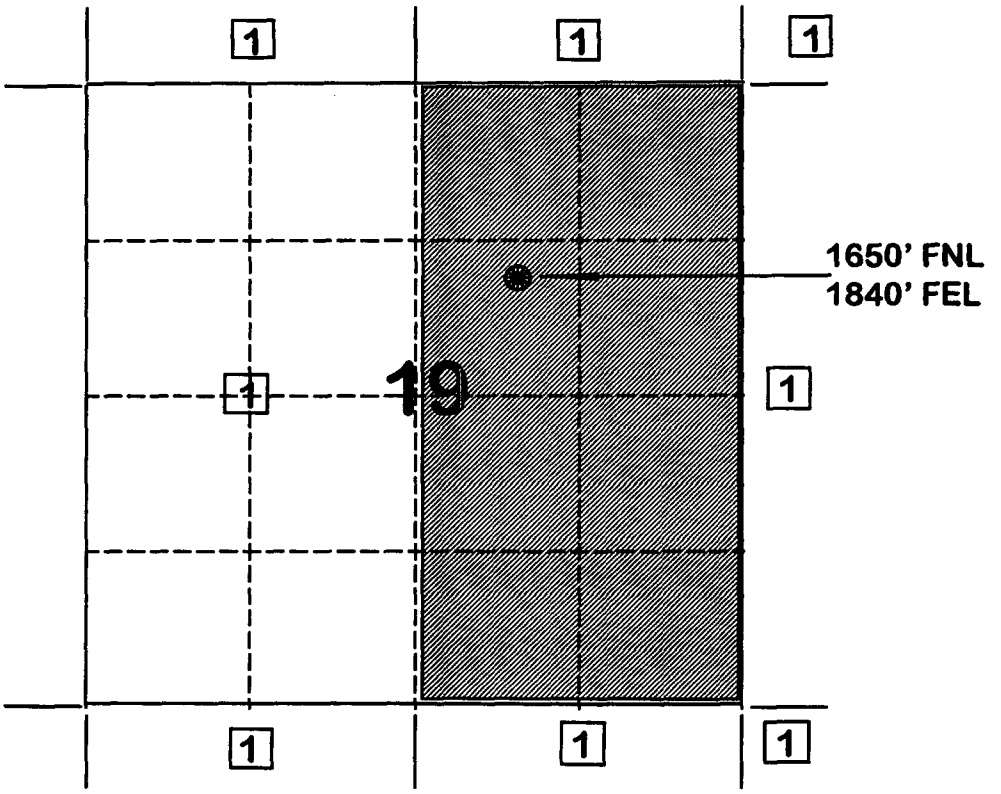

SAN JUAN 27-5 UNIT | 50 | 53381A-1 Mesaverde
Prop 3863 *
*GAS Mcf/d
*OIL Bbl/d
*OIL/GAS
*WATER Bbls/d
RateTime
Semi Log
*WATER *OIL/GAS *OIL *GAS
72 74 76 78 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08
Major = GAS

BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 27-5 Unit #50
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 #50
Inital PC

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD
VERSION 1.0 3/13/94

GAS GRAVITY	0.679
COND. OR MISC. (C/M)	M
%N2	0.2
%CO2	0.99
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	3162
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	100
FLOWRATE (MCFPD)	1000
SURFACE PRESSURE (PSIA)	1082
BOTTOMHOLE PRESSURE (PSIA)	1188.7

27-5 #50 Current PC

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD
VERSION 1.0 3/13/94

GAS GRAVITY	**0.679**
COND. OR MISC. (C/M)	**M**
%N2	**0.2**
%CO2	**0.99**
%H2S	**0**
DIAMETER (IN)	**2.441**
DEPTH (FT)	**3162**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**100**
FLOWRATE (MCFPD)	**1000**
SURFACE PRESSURE (PSIA)	**263**
BOTTOMHOLE PRESSURE (PSIA)	293.0

27-5 #50 Initial MV

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD
VERSION 1.0 3/13/94

GAS GRAVITY	**0.666**
COND. OR MISC. (C/M)	**M**
%N2	**0.24**
%CO2	**1.08**
%H2S	**0**
DIAMETER (IN)	**2.441**
DEPTH (FT)	**4800**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**120**
FLOWRATE (MCFPD)	**1000**
SURFACE PRESSURE (PSIA)	**1075**
BOTTOMHOLE PRESSURE (PSIA)	1229.9

27-5 #50 Current MV

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD
VERSION 1.0 3/13/94

GAS GRAVITY	0.666
COND. OR MISC. (C/M)	M
%N2	0.24
%CO2	1.08
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	4800
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	120
FLOWRATE (MCFPD)	1000
SURFACE PRESSURE (PSIA)	544
BOTTOMHOLE PRESSURE (PSIA)	619.5

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED)
OPR008M1 0782 O008 CHROMATOGRAPH TEST MAIN SCREEN 18:27:22.5 10/01/9

FUNCTION (A,C,D,I) I ** DATA AT TEST PRESSURE UNLESS NOTED **
MP NUMBER 74994 SAN JUAN 27-5 UNIT 50 (Pc)
EFFECTIVE DATE 19950301
REGION CD 42 SAN JUAN
MP TYPE CODE 10 GAS METER - WELLHEAD SALES

SAMPLE TYPE CODE (GAS,LIQ,BTU) GAS ------- BTU/CF -------
SAMPLE DATE 19950208 --- (AT 14.73 PSIG) --
SAMPLE LINE PRESSURE (PSIG) WET 1158.502 DRY 1179.000
SAMPLE LINE TEMPERATURE (DEG F)
TEST DATE ------- BTU/CF -------
TEST PRESSURE (PSIG) 14.730 WET 1158.502 DRY 1179.000
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

OPR008M2 0782 O008 CHROMATOGRAPH GAS SAMPLE DETAIL 18:28:04.3 10/01/9

	MOL %	GPM (AT 14.73)
HYDROGEN		
HELIUM		
NITROGEN	0.20	
OXYGEN		
HYDROGEN SULFIDE		
CARBON DIOXIDE	0.99	
METHANE	84.72	
ETHANE	8.47	2.2657
PROPANE	3.43	0.9453
ISO-BUTANE	0.63	0.2061
N-BUTANE	0.79	0.2491
ISO-PENTANE	0.26	0.0951
N-PENTANE	0.17	0.0616
HEXANE		
HEXANE PLUS	0.34	0.1483
HEPTANE PLUS		
TOTALS	100.00	3.9712

** DATA AT 14.730 PSIG UNLESS NOTED **

MP NUMBER 74994
EFFECTIVE DATE 19950301

-- GASOLINE CONTENT (GPM) --
26/70 GASOLINE
100% PROPANE
EXCESS BUTANES
TOTAL

----- SPECIFIC GRAVITY -----
CALCULATED 0.6790
MEASURED

SULPHER GRAINS / 100 CU FT

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

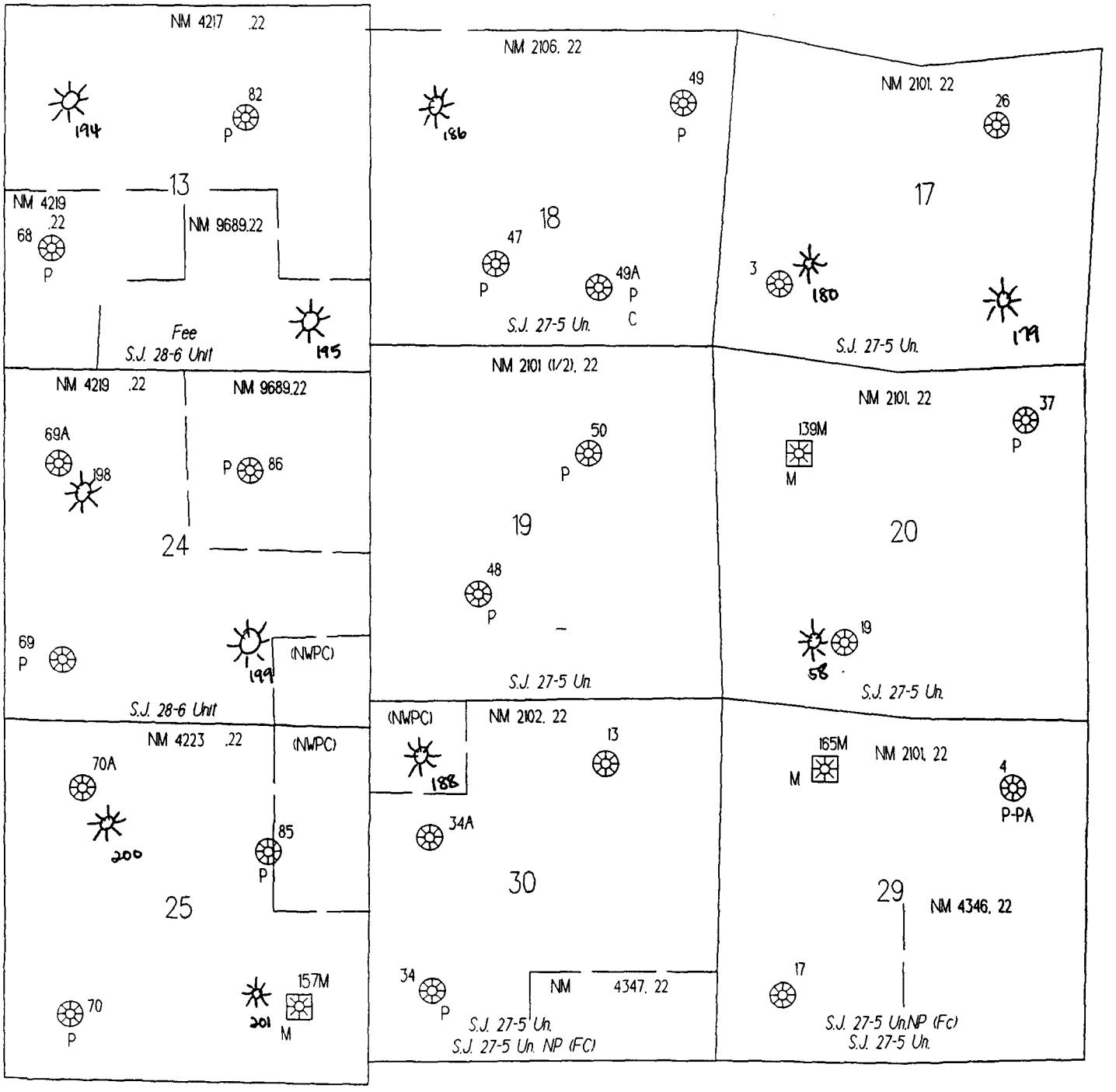
```
REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED)
 OPR008M1 0782     0008 CHROMATOGRAPH TEST MAIN SCREEN      18:36:29.0 10/01/96

 FUNCTION (A,C,D,I)  I           ** DATA AT TEST PRESSURE UNLESS NOTED **
 MP NUMBER               72604   SAN JUAN 27-5 UNIT          50 (MV)
 EFFECTIVE DATE      19950301
 REGION CD           42          SAN JUAN
 MP TYPE CODE        10          GAS METER - WELLHEAD SALES
-------------------------------------------------------------------------------
 SAMPLE TYPE CODE (GAS,LIQ,BTU)  GAS             ------- BTU/CF -------
 SAMPLE DATE                     19950208         --- (AT 14.73 PSIG) --
 SAMPLE LINE PRESSURE (PSIG)     _____          WET 1135.901  DRY 1156.000
 SAMPLE LINE TEMPERATURE (DEG F) _____
 TEST DATE                       ________         ------- BTU/CF -------
 TEST PRESSURE (PSIG)            _14.730        WET _1135.901 DRY _1156.000
 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


 OPR008M2 0782     0008 CHROMATOGRAPH GAS SAMPLE DETAIL     18:37:14.9 10/01/96

                          GPM       ** DATA AT 14.730 PSIG UNLESS NOTED **
                  MOL %  (AT 14.73)
 HYDROGEN         _____                MP NUMBER          72604
 HELIUM           _____                EFFECTIVE DATE  19950301
 NITROGEN         __0.24
 OXYGEN           _____
 HYDROGEN SULFIDE _____                -- GASOLINE CONTENT (GPM) --
 CARBON DIOXIDE   __1.08               26/70   GASOLINE       _______
 METHANE          _85.96               100%    PROPANE        _______
 ETHANE           __7.95     2.1266    EXCESS  BUTANES       _______
 PROPANE          __2.95     0.8130       TOTAL
 ISO-BUTANE       __0.46     0.1505
 N-BUTANE         __0.73     0.2302
 ISO-PENTANE      __0.24     0.0878    ----- SPECIFIC GRAVITY -----
 N-PENTANE        __0.16     0.0580    CALCULATED            _0.6660
 HEXANE           _____                MEASURED              _______
 HEXANE PLUS      __0.23     0.1003
 HEPTANE PLUS     _____              SULPHER GRAINS / 100 CU FT _____
    TOTALS        100.00     3.5664
-------------------------------------------------------------------------------
    03=MAIN SCREEN                          24=HELP      PA1=TERMINATE
B MY JOB                    NUM   LU #2
```

SAN JUAN 27-5 UNIT #50
SECTION 19, T27N, R5W
RIO ARRIBA CO., NEW MEXICO



FRUITLAND SAND WELL
FRUITLAND COAL WELL
PICTURED CLIFFS WELL
MESAVERDE WELL
DAKOTA WELL
GALLUP WELL