

DATE IN 2/25/97	SUSPENSE 3/17/97	ENGINEER BS	LOGGED KV	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

1514

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
[DD-Directional Drilling] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

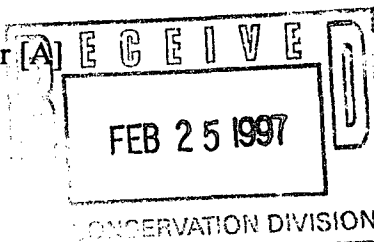
**[1] TYPE OF APPLICATION - Check Those Which Apply for**

[A] Location - Spacing Unit - Directional Drilling  
☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR



**[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply**

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

**[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Bradfield

Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

2-24-97

# **BURLINGTON RESOURCES**

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SAN JUAN DIVISION  
February 24, 1997

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

Re: San Juan 27-4 Unit Com NP #34  
1180'FSL, 1700'FEL Section 34, T-27-N, R-4-W, Rio Arriba County, NM  
API #30-039-06796

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde and Basin Dakota in the subject well. This well was originally drilled as a Dakota; it is intended to add the Mesa Verde and commingle.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas 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 Dakota for at least one year and expected production curve for Mesa Verde;
4. Notification list of offset operators;
5. Notification list of interest owners;
6. Shut in wellhead pressure and calculated down hole pressure;
7. Nine-section plats for the Dakota and Mesa Verde

If you are a working, overriding or royalty interest owner in either of the above described pools, you are being notified of this application as a requirement of the New Mexico Oil Conservation Division Rule #303C. Meridian Oil Inc, as operator, believes this application will be in the best interest of all owners. If you have no objection to this commingling application, you do not have to respond to this notification. Upon establishment of production from this well, you will receive your proportionate share of revenues from the pool in which you own an interest according to the proposed allocation formula.

The Division Director may approve the proposed commingling within 20 days after the receipt of this application, in the absence of valid objection from any offset operator or any interest owner, where ownership is not common in the zones to be commingled.

We will consult with the Supervisor of the Aztec District Office of the New Mexico Oil Conservation Division to establish an allocation formula.

Please let me know if you require additional data.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator  
encs.

xc: Bureau of Land Management

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

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

APPROVAL PROCESS :  
☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator Address  
San Juan 27-4 Unit Com (NP) 34 P 33-28-6 Rio Arriba  
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7453 API NO. 30-039-06796 Federal ☒ 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	Blanco Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	will be supplied upon completion		will be supplied upon completion
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. 603 psi (see attachment) (Original) b. 1309 psi (see attachment)	a.  b.	a. 980 psi (see attachment)  b. 2511 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1147		BTU 1271
7. Producing or Shut-In?	shut in		producing
Production Marginal? (yes or no)	no		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: n/a Rates:	Date: Rates:	Date: n/a Rates:
* If Producing, give data and oil/gas/water of recent test (within 60 days)	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: % Gas: % will be supplied upon completion	Oil: % Gas: %	Oil: % Gas: % will be supplied upon completion

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 ☒ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☒ Yes ☐ 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. ☒ Yes ☐ No (If No, attach explanation)

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

13. Will the value of production be decreased by commingling? ☐ Yes ☒ 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. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). \_\_\_\_\_

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 Sean Woolverton TITLE Production Engineer DATE 2/17/97

TYPE OR PRINT NAME Sean Woolverton TELEPHONE NO. ( 505 ) 326-9700

Well Location and Acreage Dedication Plat

Section A.

Date **MAY 5, 1964**

Operator **EL PASO NATURAL GAS COMPANY** Lease **SAN JUAN 27-4 UNIT Com SF-079607**  
 Well No. **34** Unit Letter **O** Section **34** Township **27-N** Range **4-W** NMPM  
 Located **1180** Feet From **SOUTH** Line, **1700** Feet From **EAST** Line  
 County **RIO ARriba** G. L. Elevation **7074** Dedicated Acreage **320** Acres  
 Name of Producing Formation **DAKOTA** Pool **BASIN DAKOTA**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ . If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Section B.

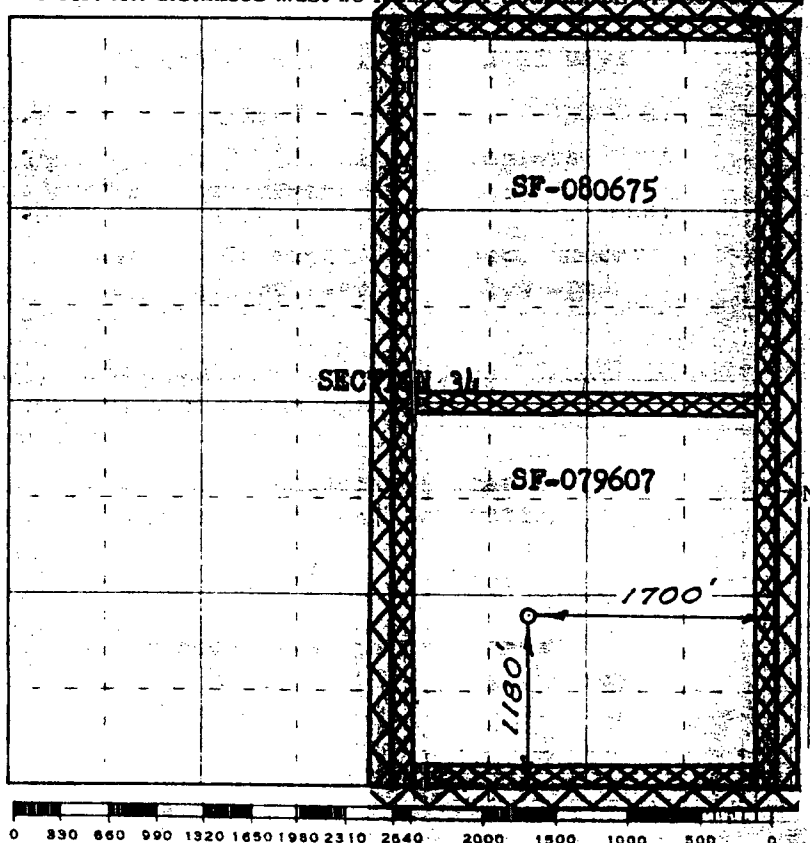
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

**El Paso Natural Gas Company**  
 (Operator)

**ORIGINAL SIGNED E. S. OBERLY**  
 (Representative)

**Box 990, Farmington, New Mexico**  
 (Address)

Note: All distances must be from outer boundary 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.

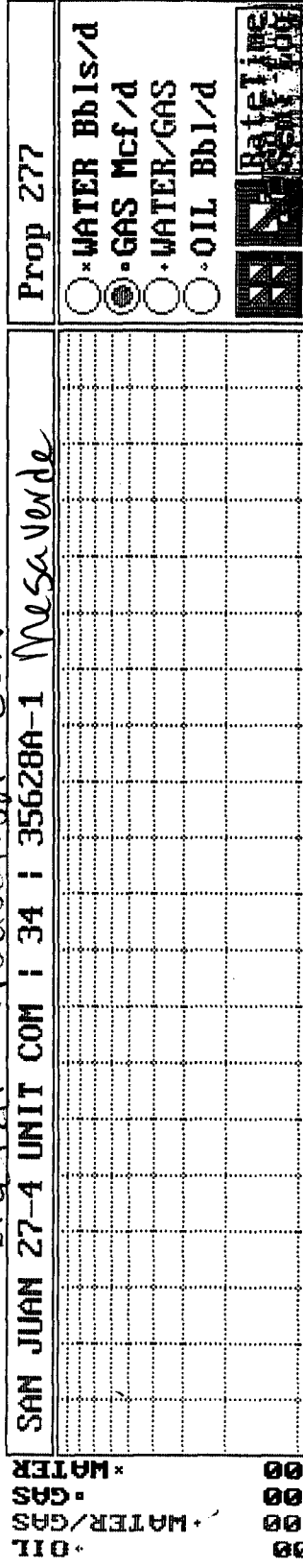
(Seal)

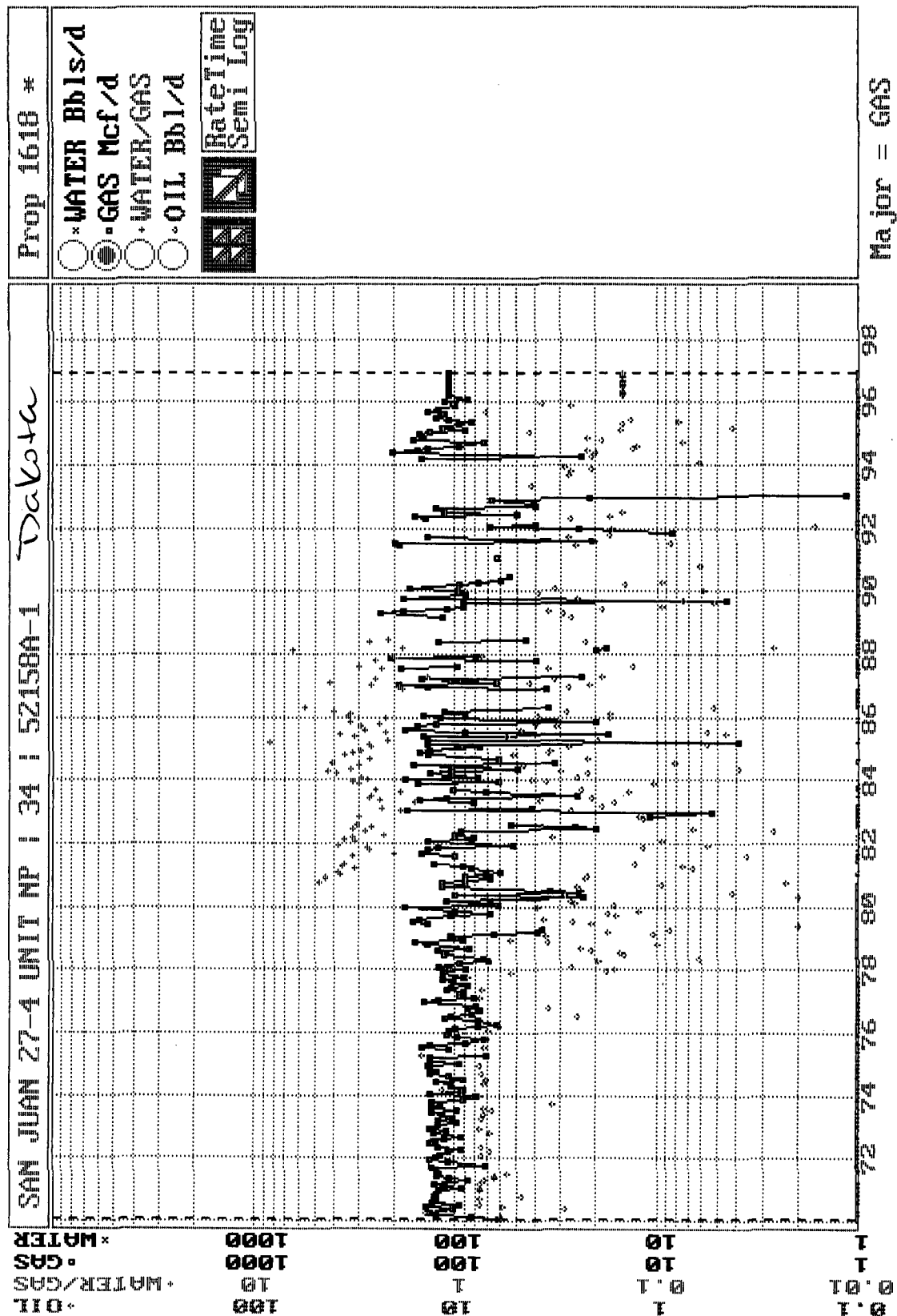
Farmington, New Mexico

Date Surveyed **MARCH 30, 1964**

**Russell H. McHessee**  
 Registered Professional Engineer and/or Land Surveyor

# Expected Production Curve



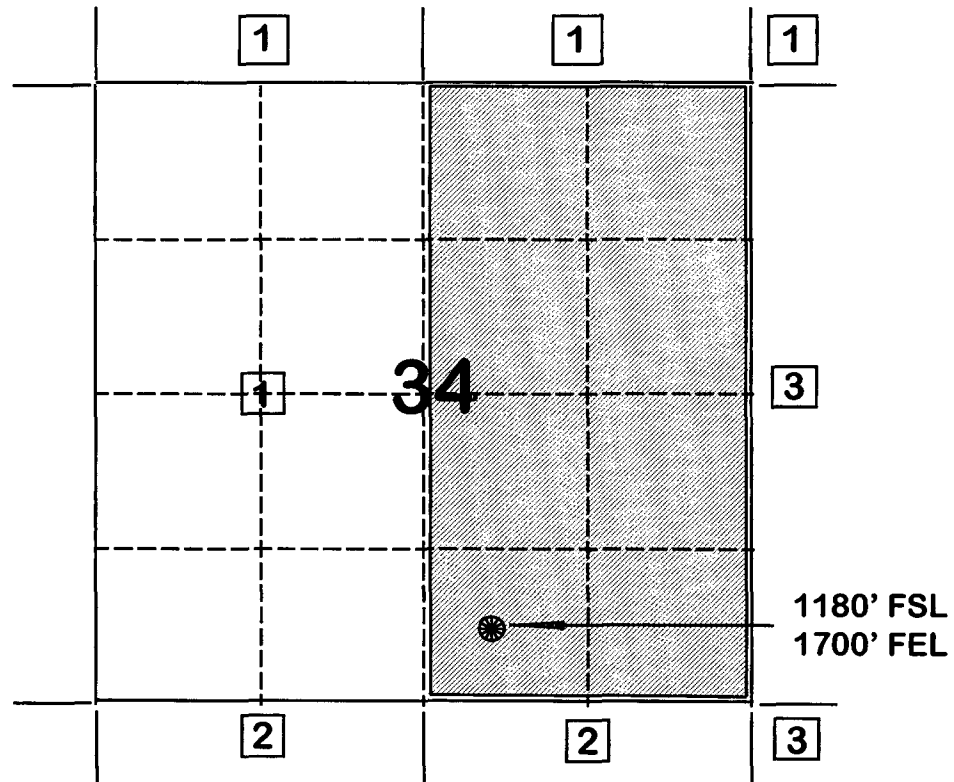


***BURLINGTON RESOURCES OIL AND GAS COMPANY***

**San Juan 27-4 Unit Com NP #34  
OFFSET OPERATOR \ OWNER PLAT**

**Mesaverde/Dakota Formations Commingle Well**

**Township 27 North, Range 4 West**



- 1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.
- 2) Amoco Production Company  
Attn: Bruce Zimney  
P.O. Box 800  
Denver, CO 80201
- 3) Chateau Oil & Gas, Inc.  
2515 McKinney Avenue, Suite 840  
Dallas, TX 75201

**SAN JUAN 27-4 UNIT**

<b>PROP #</b>	<b>INT TYPE</b>	<b>NAME</b>
MESAVERDE	GW	CINCO GENERAL PARTNERSHIP
MESAVERDE	NPI	BURLINGTON RESOURCES O&G CO
MESAVERDE	NWI	BEDROCK LIMITED PARTNERSHIP
MESAVERDE	NWI	BURLINGTON RESOURCES O&G CO
MESAVERDE	NWI	HARCO LTD PTSH
MESAVERDE	NWI	JAMES V HARRINGTON
MESAVERDE	NWI	MARY JONE CHAPPELL
MESAVERDE	NWI	ROMERO FAMILY LTD PARTNERSHIP
MESAVERDE	NWI	TEMPE LTD PARTNERSHIP
MESAVERDE	ORRI	AMALIA S SANCHEZ
MESAVERDE	ORRI	BEDROCK LIMITED PARTNERSHIP
MESAVERDE	ORRI	DEREK PETER VENEZIA
MESAVERDE	ORRI	EDNA E MORRELL LIVG TRUST
MESAVERDE	ORRI	ELEANOR G HAND
MESAVERDE	ORRI	GERALD F HARRINGTON
MESAVERDE	ORRI	HARCO LTD PTSH
MESAVERDE	ORRI	JAMES V HARRINGTON
MESAVERDE	ORRI	JOHN C MEADOWS
MESAVERDE	ORRI	JOSEPH R ABRAHAM
MESAVERDE	ORRI	LESLIE C TATUM
MESAVERDE	ORRI	LMA ROYALTIES LTD
MESAVERDE	ORRI	MANUEL A SANCHEZ TRUST
MESAVERDE	ORRI	MARY F ROBERTS
MESAVERDE	ORRI	MARY JO WELLS
MESAVERDE	ORRI	MARY JONE CHAPPELL
MESAVERDE	ORRI	MIKE C ABRAHAM TRUSTEE
MESAVERDE	ORRI	MISS M F ABRAHAM
MESAVERDE	ORRI	PATRICIA ANN ASHBURN
MESAVERDE	ORRI	PATRICIA P SCHIEFFER
MESAVERDE	ORRI	ROBBY F BAKER
MESAVERDE	ORRI	ROBERT P & ANNA D EARNEST TR
MESAVERDE	ORRI	ROBERT S TATUM
MESAVERDE	ORRI	SCOTT ANTHONY VENEZIA
MESAVERDE	ORRI	TEMPE LTD PARTNERSHIP
MESAVERDE	ORRI	U/W FOSTER MORRELL DECD
MESAVERDE	ORRI	UNION OIL CO OF CALIF
MESAVERDE	RI	JUAN R MONTANO
MESAVERDE	RI	MINERALS MANAGEMENT SERVICE
MESAVERDE	RI	WILLIAM B GREENE



**SAN JUAN 27-4 UNIT**

PROP #	INT TYPE	NAME
DAKOTA	GW	CINCO GENERAL PARTNERSHIP
DAKOTA	NPI	BURLINGTON RESOURCES O&G CO
DAKOTA	NWI	BEDROCK LIMITED PARTNERSHIP
DAKOTA	NWI	BURLINGTON RESOURCES O&G CO
DAKOTA	NWI	HARCO LTD PTSH
DAKOTA	NWI	JAMES V HARRINGTON
DAKOTA	NWI	MARY JONE CHAPPELL
DAKOTA	NWI	TEMPE LTD PARTNERSHIP
DAKOTA	ORRI	AMALIA S SANCHEZ
DAKOTA	ORRI	BEDROCK LIMITED PARTNERSHIP
DAKOTA	ORRI	DEREK PETER VENEZIA
DAKOTA	ORRI	EDNA E MORRELL LIVG TRUST
DAKOTA	ORRI	ELEANOR G HAND
DAKOTA	ORRI	GERALD F HARRINGTON
DAKOTA	ORRI	HARCO LTD PTSH
DAKOTA	ORRI	JAMES V HARRINGTON
DAKOTA	ORRI	JOHN C MEADOWS
DAKOTA	ORRI	JOSEPH R ABRAHAM
DAKOTA	ORRI	LESLIE C TATUM
DAKOTA	ORRI	LMA ROYALTIES LTD
DAKOTA	ORRI	MANUEL A SANCHEZ TRUST
DAKOTA	ORRI	MARY F ROBERTS
DAKOTA	ORRI	MARY JO WELLS
DAKOTA	ORRI	MARY JONE CHAPPELL
DAKOTA	ORRI	MIKE C ABRAHAM TRUSTEE
DAKOTA	ORRI	MISS M F ABRAHAM
DAKOTA	ORRI	PATRICIA ANN ASHBURN
DAKOTA	ORRI	PATRICIA P SCHIEFFER
DAKOTA	ORRI	ROBBY F BAKER
DAKOTA	ORRI	ROBERT P & ANNA D EARNEST TR
DAKOTA	ORRI	ROBERT S TATUM
DAKOTA	ORRI	SCOTT ANTHONY VENEZIA
DAKOTA	ORRI	TEMPE LTD PARTNERSHIP
DAKOTA	ORRI	U/W FOSTER MORRELL DECD
DAKOTA	ORRI	UNION OIL CO OF CALIF
DAKOTA	RI	JUAN R MONTANO
DAKOTA	RI	MINERALS MANAGEMENT SERVICE
DAKOTA	RI	WILLIAM B GREENE

SAN JUAN 27-4 UNIT  
WI/GWI/ORRI RI OWNERS

NAME	ADDRESS	ADDRESS 1	ADDRESS 2	CITY	ST	ZIP
AMALIA S SANCHEZ	FIRST NATL BK SANTA FE AGENT	C/O BANK OF OKLAHOMA AGENT	PO BOX 1588	TULSA	OK	74101
BEDROCK LIMITED PARTNERSHIP	PO BOX 36480			ALBUQUERQUE	NM	87176
BURLINGTON RESOURCES O&G CO	801 CHERRY ST			FORT WORTH	TX	76102
CINCO GENERAL PARTNERSHIP	PO BOX 451			ALBUQUERQUE	NM	871030451
DEREK PETER VENEZIA	BANK OF AMERICA	PO BOX 85058		SAN DIEGO	CA	921865058
EDNA E MORRELL LIVG TRUST	C/O NORWEST BANK NEW MEXICO NA	PO BOX 2468		ROSWELL	NM	882022468
ELEANOR G HAND	9 ANSLEY DR NE			ATLANTA	GA	30309
GERALD F HARRINGTON	BOATMENS NATL BK OF DES MOINES	ATTN TRUST OFFICER PETERSON	PO BOX 817	DES MOINES	IA	503040817
HARCO LTD PTSHIP	PO BOX 216			ROSWELL	NM	88202
JAMES V HARRINGTON	PO BOX 13535			ALBUQUERQUE	NM	87192
JOHN C MEADOWS	6053 EXPRESSWAY			JACKSONVILLE	FL	32211
JOSEPH R ABRAHAM	5517 WILLOW LN			DALLAS	TX	75230
JUAN R MONTANO	PO BOX 241			TIERRA AMARILLA	NM	87575
LESLIE C TATUM	PO BOX 7392			N KANSAS CITY	MO	64116
LMA ROYALTIES LTD	PO BOX 1778			COLORADO SPRINGS	CO	809011778
MANUEL A SANCHEZ TRUST	THE FIRST NATIONAL BANK OF SANTA FE	C/O BANK OF OKLAHOMA AGENT	PO BOX 1588	TULSA	OK	74101
MARY F ROBERTS	PO BOX 15940			SANTA FE	NM	87506
MARY JO WELLS	5250 WOODLAWN AVE			CHEVY CHASE	MD	20815
MARY JONE CHAPPELL	PO BOX 11970			ALBUQUERQUE	NM	87192
MIKE C ABRAHAM TRUSTEE	711 AMHERST DR SE			ALBUQUERQUE	NM	87106
MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PO BOX 5810		DENVER	CO	802175810
MISS M F ABRAHAM	906 FOUR HILLS RD SE			ALBUQUERQUE	NM	87128
PATRICIA ANN ASHBURN	46 CARIBE WAY			VERO BEACH	FL	32963
PATRICIA P SCHIEFFER	C/O J THOMAS SCHIEFFER	1000 BALLPARK WAY #300		ARLINGTON	TX	76011
ROBBYE F BAKER	1575 BELVIDERE APT #125			EL PASO	TX	79912
ROBERT P & ANNA D EARNEST TR	KATHLEEN EARNEST RIOS TRUSTEE	EARNEST TRUST DTD 5/479	2404 LORING #131	SAN DIEGO	CA	921092347
ROBERT S TATUM	TATUM FAMILY AGENCY #4269	C/O NATIONS BK OF TX NA	PO BOX 840738	DALLAS	TX	752840738
ROMERO FAMILY LTD PARTNERSHIP	ALICIA V ROMERO GEN PARTNER	PO BOX 5155		SANTA FE	NM	87502
SCOTT ANTHONY VENEZIA	ACCT TYPE DDA	BANK OF AMERICAN	PO BOX 85058	SAN DIEGO	CA	921865058
TEMPE LTD PARTNERSHIP	C/O F E & M K HARRINGTON	652 FEARRINGTON POST		PITTSBORO	NC	27312
UW FOSTER MORRELL DECD	UW FOSTER MORRELL DECD 11-1065	C/O NORWEST BANK NEW MEXICO NA	PO BOX BOX 2468	ROSWELL	NM	882022468
UNION OIL CO OF CALIF	UNION OIL CO OF CALIF	ATTN REVENUE ACCOUNTING	PO BOX 841055	DALLAS	TX	752841055
WILLIAM B GREENE	812 GRANDVIEW DRIVE SE			ALBUQUERQUE	NM	87108

Page No. : 1

Print Time: Thu Jan 02 14:42:11 1997

Property ID: 1618

Property Name: SAN JUAN 27-4 UNIT NP | 34 | 52158A-1 86526

Table Name: K:\ARIES\RR97PDP\TEST.DBF

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--DATE--  ---CUM GAS--  M SIWHP
##### Mcf##### Psi#####
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08/27/65	37000	1539.0
06/03/66	84000	1200.0
05/29/67	140000	1047.0
09/20/68	201000	917.0
05/21/70	269549	864.0
04/30/71	308856	820.0
05/02/72	354298	795.0
02/12/76	505968	658.0
08/01/77	558043	686.0
10/08/79	636817	723.0
06/04/81	685941	712.0
09/19/83	744728	860.0
11/07/85	821564	705.0
04/22/90	930397	783.0

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED)

OPR008M1 G019 0008 CHROMATOGRAPH TEST MAIN SCREEN

15:54:56.1 01/02/97

FUNCTION (A,C,D,I)	I	** DATA AT TEST PRESSURE UNLESS NOTED **	
MP NUMBER	86526	SAN JUAN 27-4 UNIT	34
EFFECTIVE DATE	19960801		
REGION CD	42	SAN JUAN	
MP TYPE CODE	10	GAS METER - WELLHEAD SALES	

SAMPLE TYPE CODE (GAS, LIQ, BTU)	GAS	-----	BTU/CF	-----
SAMPLE DATE	19960801	---	(AT 14.73 PSIG)	--
SAMPLE LINE PRESSURE (PSIG)	_____	WET	1270.520	DRY 1293.000
SAMPLE LINE TEMPERATURE (DEG F)	_____			
TEST DATE	_____	-----	BTU/CF	-----
TEST PRESSURE (PSIG)	<u>14.730</u>	WET	<u>1270.520</u>	DRY <u>1293.000</u>
TEST TEMPERATURE (DEG F)	<u>60</u>		VAPOR FACTOR	_____
TEST LIFE (MONTHS)	<u>6</u>			
TESTER SOURCE BA NUMBER	<u>038689</u>	PETROLEUM LAND CORP		
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 #21

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OPR008M2 G019      0008 CHROMATOGRAPH GAS SAMPLE DETAIL      15:55:23.8 01/02/97

		GPM	** DATA AT 14.730 PSIG UNLESS NOTED **
	MOL %	(AT 14.73)	
HYDROGEN			MP NUMBER 86526
HELIUM			EFFECTIVE DATE 19960801
NITROGEN	0.34		
OXYGEN			
HYDROGEN SULFIDE			-- GASOLINE CONTENT (GPM) --
CARBON DIOXIDE	0.86		26/70 GASOLINE
METHANE	75.75		100% PROPANE
ETHANE	13.57	3.6300	EXCESS BUTANES
PROPANE	5.55	1.5296	TOTAL
ISO-BUTANE	0.90	0.2944	
N-BUTANE	1.70	0.5360	
ISO-PENTANE	0.64	0.2342	----- SPECIFIC GRAVITY -----
N-PENTANE	0.50	0.1811	CALCULATED 0.7510
HEXANE			MEASURED
HEXANE PLUS	0.19	0.0829	
HEPTANE PLUS			
TOTALS	100.00	6.4882	SULPHUR GRAINS / 100 CU FT

```

03=MAIN SCREEN
B MY JOB          NUM LU #21          24=HELP          PA1=TERMINATE

```

2. 0625 @ 8120

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

VERSION 1.0 3/13/94

GAS GRAVITY	0.751
COND. OR MISC. (C/M)	C
%N2	0.34
%CO2	0.86
%H2S	0
DIAMETER (IN)	2.0625
DEPTH (FT)	8120
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1945
BOTTOMHOLE PRESSURE (PSIA)	2510.7

SAN JUAN 27-4 UNIT #34 DAKOTA - ORIGINAL

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

VERSION 1.0 3/13/94

GAS GRAVITY	0.751
COND. OR MISC. (C/M)	C
%N2	0.34
%CO2	0.86
%H2S	0
DIAMETER (IN)	2.0625
DEPTH (FT)	8120
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	783
BOTTOMHOLE PRESSURE (PSIA)	979.6

SAN JUAN 27-4 UNIT #34 DAKOTA - CURRENT

Page No.: 1

Print Time: Fri Jan 03 14:28:18 1997

Property ID: 3747

Property Name: SAN JUAN 27-4 UNIT COM | 137 | 44665A-1 27-4 #34 mV offset

Table Name: K:\ARIES\RR97PDP\TEST.DBF

--DATE-- ---CUM GAS-- M SIWHP  
Mcf Psi

09/25/80	0	1132.0
10/02/80	0	1133.0
01/16/81	33857	886.0
06/01/81	88290	701.0
11/03/82	187570	724.0
06/05/84	255820	692.0
11/21/86	351281	665.0
10/09/88	403189	532.0
10/04/89	417948	692.0
07/30/91	413724	783.0

2.375  
@  
6580

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

VERSION 1.0 3/13/94

GAS GRAVITY	0.685
COND. OR MISC. (C/M)	C
%N2	2.7
%CO2	0.2
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	6620
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1093
BOTTOMHOLE PRESSURE (PSIA)	1309.0

SAN JUAN 27-4 UNIT #132A MESAVERDE - ORIGINAL



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

VERSION 1.0 3/13/94

GAS GRAVITY	0.685
COND. OR MISC. (C/M)	C
%N2	2.7
%CO2	0.2
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	6620
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	512
BOTTOMHOLE PRESSURE (PSIA)	603.3

SAN JUAN 27-4 UNIT #132A MESAVERDE - CURRENT

# SAN JUAN 27-4 UNIT

