

DATE IN 8/25/00	SUSPENSE 9/14/00	ENGINEER DC	LOGGED MV	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

24129628

2800

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]**

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

AUG 25 2000

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**

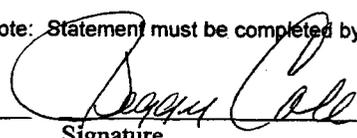
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, 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 Cole



Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, 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 Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas 3401 East 30th Street, Farmington, New Mexico
Operator Address

San Juan 28-5 **63E** **J - 20 - 28N - 5W** **Rio Arriba County, New Mexico**
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 14538 Property Code 7460 API No. 30-039-23814 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Munoz Canyon Gallup		Basin Dakota
Pool Code	96767		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6485-7680'		7847-8040'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Current - 608 Original - 2009		Current - 986 Original - 3064
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1149		1016
Producing, Shut-In or New Zone	Producing		Shut-in
Date 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: June 30, 2000 Rates: 9 MCFD	Date: Rates:	Date: January 21, 2000 Rates: 100 MCFD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Supplied Upon Completion	Oil Gas % %	Oil Gas Supplied Upon Completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes _____ No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No

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

NMOCD Reference Case No. applicable to this well: R-9893

- 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 working, royalty and overriding royalty interests for uncommon interest cases.
 - Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE WRB TITLE Production Engineer DATE 8-15-00
nco
TYPE OR PRINT NAME Randy Buckley TELEPHONE NO. (505) 326-9700

1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

99 JUN 17 PM 1:21

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-23814		Pool Code 96767/71599		Pool Name WC:Munoz Canyon Gallup/Basin Dakota	
Property Code 7460		Property Name San Juan 28-5 Unit			Well Number 63E
OGRID No. 14538		Operator Name Burlington Resources Oil & Gas Company			Elevation 6776 GR

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	28N	5W		1685	South	1625	East	RA

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

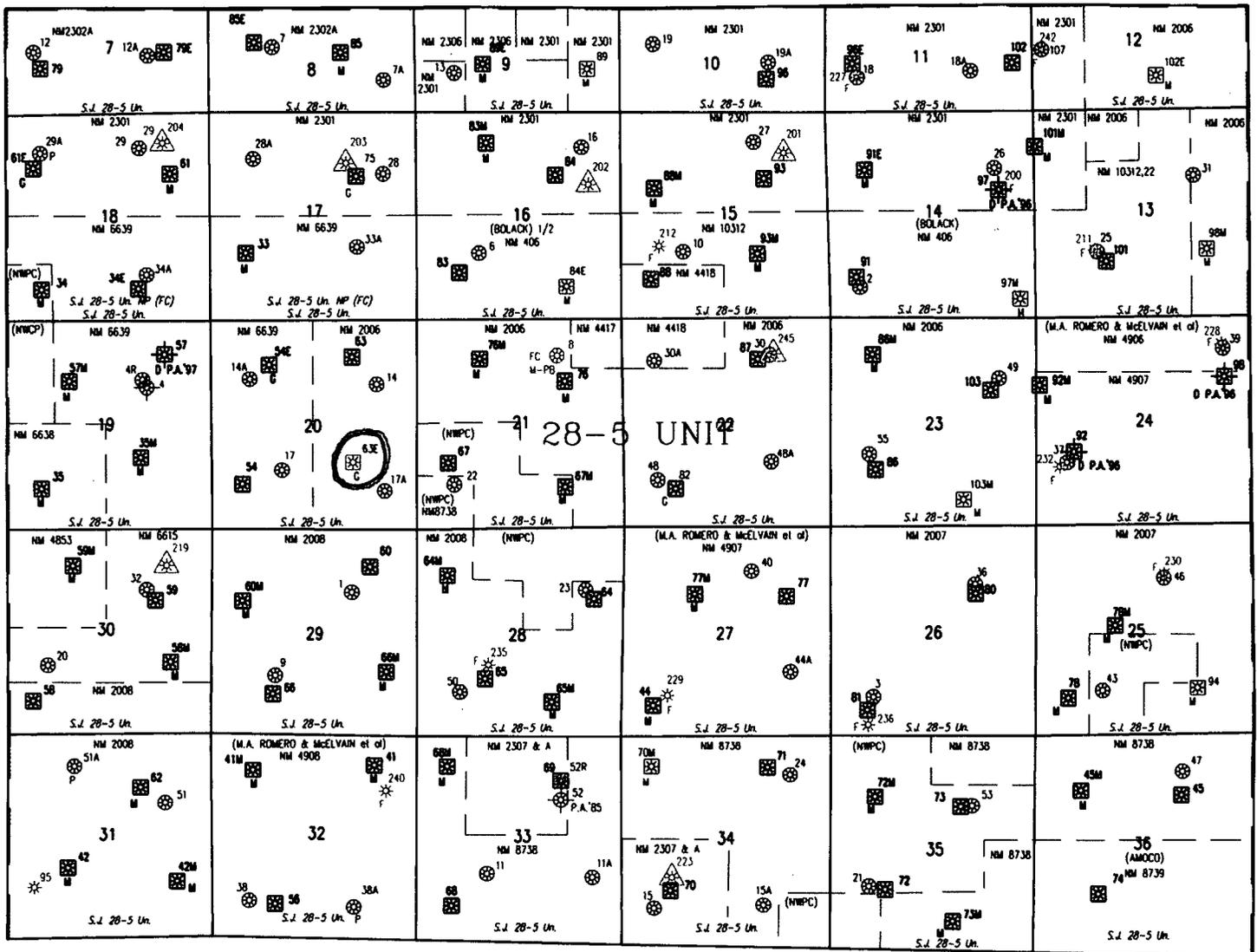
Dedicated Acres Gal-160 DK-E/320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 Original plat from William E. Mahnke 7-9-85					17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>
					Signature <i>Peggy Bradfield</i> Printed Name Peggy Bradfield Title Regulatory Administrator Date 6-17-99
					18 SURVEYOR CERTIFICATION <i>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 belief.</i>
					Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

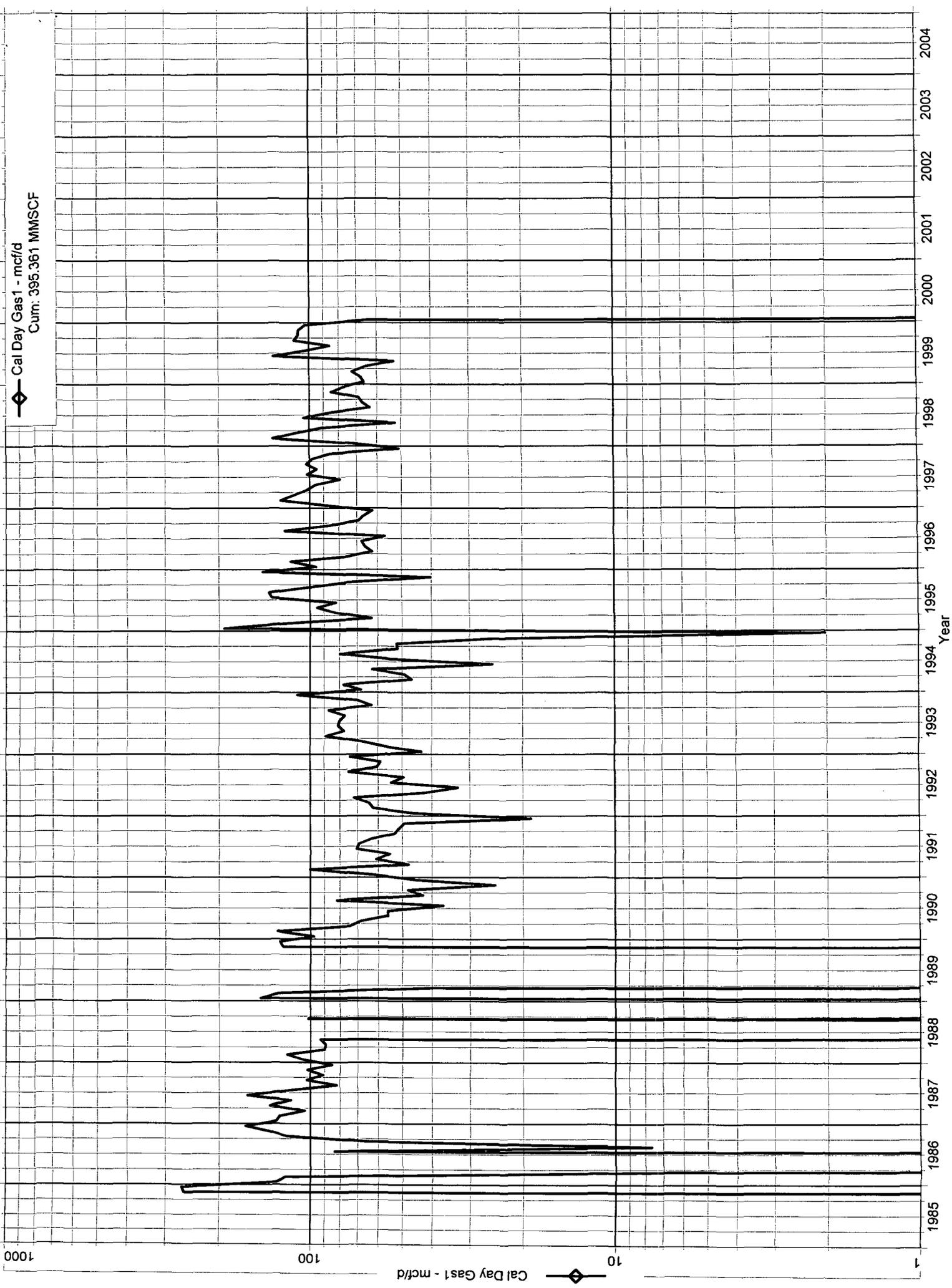
SJ 28-5 #63E J, Sec 20, 28N, 5W

T28N - R5W



SAN JUAN 28-5 UNIT 63E 5433001 (35245528487.5265) Data: Jan. 1985-Jun. 2000

Cal Day Gas1 - mcf/d
Cum: 395.361 MMSCF



SJ 28-5 Unit #63E
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

MANCOS		DAKOTA	
<u>MN-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.67	GAS GRAVITY	0.592
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.52	%N2	0.11
%CO2	1.43	%CO2	1.49
%H2S	0	%H2S	0
DIAMETER (IN)	1.9	DIAMETER (IN)	1.9
DEPTH (FT)	7891	DEPTH (FT)	8006
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	501	SURFACE PRESSURE (PSIA)	835
BOTTOMHOLE PRESSURE (PSIA)	608.0	BOTTOMHOLE PRESSURE (PSIA)	986.4
<u>MN-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.67	GAS GRAVITY	0.592
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.52	%N2	0.11
%CO2	1.43	%CO2	1.49
%H2S	0	%H2S	0
DIAMETER (IN)	1.9	DIAMETER (IN)	1.9
DEPTH (FT)	7891	DEPTH (FT)	8006
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1602	SURFACE PRESSURE (PSIA)	2564
BOTTOMHOLE PRESSURE (PSIA)	2009.1	BOTTOMHOLE PRESSURE (PSIA)	3063.9

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 DEEPEN PLUG BACK DIFF. RESER. Other _____

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements)
At surface 1685'FSL, 1625'FEL
At top prod. interval reported below
At total depth

RECEIVED
OCT 04 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.
SF 079519A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 28-5 Unit

8. FARM OR LEASE NAME
San Juan 28-5 Unit

9. WELL NO.
63E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA
Sec. 20, T-28-N, R-5-1
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 8-23-85 16. DATE T.D. REACHED 9-1-85 17. DATE COMPL. (Ready to prod.) 10-2-85 18. ELEVATIONS (DF, RNB, RT, GB, ETC.)* 6776' GL 19. ELEV. CASINGHEAD 6776'

20. TOTAL DEPTH, MD & TVD 8076' 21. PLUG, BACK T.D., MD & TVD 8070' 22. IF MULTIPLE COMPL. HOW MANY* One 23. INTERVALS DRILLED BY ROTARY TOOLS Rotary CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7847-8040' (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Ind. Gamma-Ray Log; Comp. Density Log; Correlation Gamma-Ray Log; Temp. S. 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"	36.0#	226'	12 1/4"	142 cu ft	
7"	20.0#	4001'	8 3/4"	330 cu ft	
4 1/2"	11.6#	8076'	6 1/4"	594 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 1 1/2" DEPTH SET (MD) 8038' PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
7847, 7852, 7893, 7934, 7938, 7942, 7946, 7950, 7979, 7983, 7996, 8000, 8004, 8008, 8011, 8020, 8025, 8030, 8035, 8040 w/1 SPZ.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7847-8040	178,000# 20/40 sand&112,444 gal. treated water

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-22-85	Flowing - Capable of Comm. HC to be tested when connected.	Shut in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-2-85	SI 7 Days			0	0	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1559 SI	1559 SI		No Flow	No Flow	No Flow	0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Shut in to be Sold

TEST WITNESSED BY
John Easley

35. LIST OF ATTACHMENTS
Temp Surveys

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Drilling Clerk DATE 10/3/85

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

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

SUBMIT IN ORIGINAL FORM
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

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 _____

7. UNIT AGREEMENT NAME: San Juan 28-5 Unit

8. FARM OR LEASE NAME, WELL NO.: San Juan 28-5 Unit #63E

2. NAME OF OPERATOR: BURLINGTON RESOURCES OIL & GAS COMPANY

9. API WELL NO.: 30-039-23814

3. ADDRESS AND TELEPHONE NO.: PO Box 4289, Farmington, NM 87499 (505) 326-9700

10. FIELD AND POOL, OR WLD CAT: Munoz Canyon Gallup

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1685'FSL, 1625'FEL
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 20, T-28-N, R-5-W

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

15. DATE SPUNDED: 8-23-85

16. DATE T.D. REACHED: 9-1-85

17. DATE COMPL. (Ready to prod.): 2-8-00

18. ELEVATIONS (OF, RKB, RT, BR, ETC.): 6776' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 8076'

21. PLUG BACK T.D., MD & TVD: CIBP @ 7785'

22. IF MULTIPLE COMPL. HOW MANY* _____

23. INTERVALS DRILLED BY: 0-8076'

ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*: 6485-7680' Gallup

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL-CCL-GR

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36#	226	12 1/4	142 cu.ft.	
7	20#	4001	8 3/4	330 cu.ft.	
4 1/2	11.6#	8076	6 1/4	594 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7726'	CIBP @ 7785'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number): 6485, 6488, 6491, 6494, 6497, 6500, 6772, 6775, 6781, 6784, 6841, 6844, 6847, 6850, 6853, 6922, 6925, 6928, 6931, 6934, 7364, 7366, 7368, 7370, 7372, 7374, 7376, 7378, 7380, 7382, 7384, 7450, 7452, 7454, 7458, 7460, 7462, 7464, 7466, 7660-7680'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6485-6934	1118 bbl 25# x-link gel, 83,000# 20/40 tempered LC sd
7364-7466	919 bbl 25# x-link gel, 60,000# 20/40 tempered LC sd
7660-7680	1157 bbl 35# x-link gel, 50,000# 20/40 tempered LC sd

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing

WELL STATUS (Producing or shut-in): SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
2-8-00	1				726 MCF/D Pitot Gauge		

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
SI 1600	SI 1750			726 MCF/D		

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

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS: None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Nancy Olson TITLE: Regulatory Administrator DATE: 2-10-00

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

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.

FEB 14 2000

OPERATOR

BY Sam

AI Number	Meter Number	Well	Formation	Sample Date	Test Pressure	Test Temperature	Wet BTU Factor	BTU/CF at 14.73	Dry BTU Factor	BTU/CF at 14.73	Mol % H2	Mol % He
4403701	87315	SAN JUAN 27-4 UNIT 57 (DK)	DK	19980601	14.73	60		1241.041		1263	0	0
5174801	75901	SAN JUAN 28-5 UNIT 75 (DK)	DK	19980717	14.73	60		1017.988		1036	0	0
5229101	87065	SAN JUAN 28-5 UNIT 82 (DK)	DK	19970505	14.73	60		1038.623		1057	0	0
5433001	95547	SAN JUAN 28-5 UNIT 63E (DK)	DK	19960607	14.73	60		1016.023		1034	0	0
6656101	34842	RICHARDSON 8E (DK)	DK	19980301	14.73	60		1134.919		1155	0	0

Mol % N2	Mol % O2	Mol % H2S	Mol % CO2	Mol % C1	Mol % C2	Mol % C3	Mol % C4	Mol % NC4	Mol % ICS	Mol % NC5	Mol % C6	Mol % C7	Field Measured Specific Gravity	Calculated Specific Gravity
0.24	0	0	0.95	78.61	12.03	4.61	0.73	1.27	0.57	0.56	0	0.43	0	0.732
0.11	0	0	1.61	94.68	2.85	0.38	0.11	0.06	0.05	0.02	0	0.13	0	0.596
0.11	0	0	2.34	91.71	4.29	0.76	0.23	0.15	0.11	0.05	0	0.25	0	0.621
0.11	0	0	1.49	95.1	2.61	0.34	0.1	0.06	0.05	0.02	0	0.12	0	0.592
0.26	0	0	2.44	83.58	8.25	3.34	0.66	0.95	0.23	0.15	0	0.14	0	0.687

Page No.: 4

Print Time: Wed Aug 02 10:56:01 2000

Property ID: 1645

Property Name: SAN JUAN 28-5 UNIT | 63E | 54330A

Table Name: R:\RESERVES\GDPNOS\TEST.DBF

--DATE--	---CUM GAS--	M FWHP-	M FBHP-	M SIWHP	M SIBHP	C FWHP-	C FBHP-	C SIWHP	C
.....	.....Mcf.....	.....Psi.....	.....Psi.....	.....Psi.....	.....Psi.....	.....	.....	.....	.....
11/18/87	0	0.0	0.0	2564.0	0.0	0.0	0.0	0.0	0.0
12/18/87	82389	357.0	0.0	855.0	0.0	0.0	0.0	0.0	0.0
10/04/88	100522	373.0	0.0	962.0	0.0	0.0	0.0	0.0	0.0
05/09/90	130141	380.0	0.0	952.0	0.0	0.0	0.0	0.0	0.0
05/28/92	170298	388.0	0.0	835.0	0.0	0.0	0.0	0.0	0.0

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

SUBMIT IN **DATE***
(See instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
SF-080516A

6. IF INDIAN ALLOTTEE OR TRIBE NAME

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 _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

San Juan 28-5 Unit #54E

9. API WELL NO.

30-039-23813

10. FIELD AND POOL OR WILDCAT

WC:Munoz Canyon Gal/Basin DK

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

Sec. 20, T-28-N, R-5-W

2. NAME OF OPERATOR
BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.
PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1190'FNL, 1495'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED 9-1-85 16. DATE T.D. REACHED 9-10-85 17. DATE COMPL. (Ready to prod.) 5-12-98 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6644 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7961 21. PLUG BACK T.D., MD & TVD CIBP @ 7380 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 6912-7333 Gallup 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN None 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	32.3#	225	12 1/4	148 cu.ft.	
7	20#	3856	8 3/4	325 cu.ft.	
4 1/2	11.6#	7961	6 1/4	639 cu.ft.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2	7328	CIBP @ 7380

31. PERFORATION RECORD (Interval, size and number) 6912-7333

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6912-7333	4900 gal 70Q foam, 200,000# 20/40 Brady sd

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5-12-98	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROOF FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
5-12-98					492 Pitot Gauge		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
SI 1840	SI 1840					

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

35. LIST OF ATTACHMENTS None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

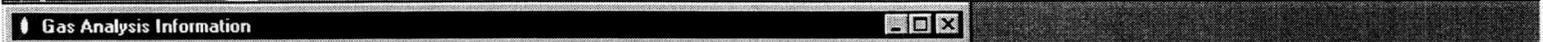
SIGNED Nancy D. [Signature] TITLE Regulatory Administrator DATE 5-22-98

ACCEPTED FOR RECORD

JUN 01 1998

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

OPERATOR



Gas Analysis Information

Name: SAN JUAN 20-5 UNIT 54E GL

Analysis Name: []

Analysis: [] 1:1

Analysis		MOL Fraction	MOL Count
Effective Date	04/18/2000	Hydrogen (H2)	0.00000
Sample Date	04/01/2000	Helium (He)	0.00000
Pressure Base BTU	14.7300	Nitrogen (N2)	0.00521
Wet/Dry	Dry	Carbon Dioxide (CO2)	0.01430
BTU	1.14900000	Hydrogen Sulphide (H2S)	0.00000
Specific Gravity	0.670	Methane (C1)	0.86618
Calculation Type	<input checked="" type="radio"/> Enter Percentages <input type="radio"/> Enter GPM	Ethane (C2)	0.07280
Related To	[]	Propane (C3)	0.02157
		Isobutane (IB4)	0.00281
		Butane	0.00330
		Isopentane (IP5)	0.00270
		Pentane (P5)	0.00232
		Hexane (C6)	0.00000
		Heptane (C7)	0.00000
		Total	0.9912
		02 GPM	0.0000
		Hexanes Plus GPM	0.0000

04/18/2000 3:3

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

RECEIVED
MAY 24 1993
OIL CON. DIV
DIST. 3

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 10663
Order No. R-9893

APPLICATION OF UNION OIL COMPANY
OF CALIFORNIA d/b/a UNOCAL FOR AN
ADMINISTRATIVE DOWNHOLE COMMINGLING
PROCEDURE WITHIN THE RINCON UNIT
AREA, RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on February 4, 1993, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 18th day of May, 1993, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Union Oil Company of California, d/b/a Unocal, seeks the adoption of an administrative procedure for authorizing the downhole commingling of Blanco-Mesaverde, Largo-Gallup, or Undesignated Gallup Pool production with production from the Basin-Dakota Gas Pool within certain existing and subsequently drilled wells in its Rincon Unit Area, Rio Arriba County, New Mexico, without additional notice to each affected interest owner within the Unit Area.
- (3) The Rincon Unit is a Federal exploratory unit initially comprising some 20,643 acres in portions of Townships 26 and 27 North and Ranges 6 and 7 West, NMPM, Rio Arriba County, New Mexico. The unit was formed in 1952 and is currently operated by Union Oil Company of California.

(4) The evidence and testimony presented indicates that the Basin-Dakota Gas Pool has been fully developed on 320-acre spacing within the Rincon Unit and that approximately half of the Unit Area has been infill drilled in the Basin-Dakota Gas Pool on 160-acre spacing. The Dakota Participating Area (PA) currently comprises virtually the entire unit area.

(5) The applicant has identified approximately thirty-three (33) infill Basin-Dakota well locations within the Unit Area which may be subsequently drilled.

(6) Based upon historical production, the applicant expects Basin-Dakota initial production from infill drilling to be marginal in nature ranging from approximately 150-600 MCF gas per day per well.

(7) Testimony and evidence presented by the applicant indicates that gas reserves in the Dakota formation on an individual well basis are not sufficient to economically justify the drilling of new wells to produce such reserves.

(8) The current well economics and expected Dakota producing rates virtually assure that these wells will be candidates for downhole commingling with either the Mesaverde or Gallup zones.

(9) The applicant has also identified approximately forty-two (42) current Dakota producing wells, some recently drilled, which also by virtue of well economics and producing rates make them candidates for downhole commingling.

(10) The applicant expects initial producing rates from the Mesaverde and Gallup formation to be marginal in nature.

(11) The Gallup, Dakota and Mesaverde Participating Areas within the Rincon Unit are not common.

(12) According to applicant's evidence, the working interest ownership within the Rincon Unit is fixed and common among the various wells and zones and is not affected by participating areas.

(13) According to further testimony, the royalty and overriding royalty interest ownership within the Rincon Unit varies between participating areas established for different locations and pools.

(14) Applicant's Exhibit No. 6 in this case is a list of one hundred and twenty (120) royalty and overriding royalty interest owners in the Dakota, Gallup and Mesaverde Participating Areas within the Rincon Unit. All such royalty and overriding royalty interest owners, as well as working interest owners, were notified of the application in this case.

(15) Rule No. 303(C) of the Division Rules and Regulations provides that administrative approval for downhole commingling may be granted provided that the interest ownership, including working, royalty and overriding royalty interest, is common among the commingled zones.

(16) Applicant's proposed administrative procedure would provide for Division approval to downhole commingle wells in the Rincon Unit Area without hearing, and without the requirement that each interest owner in the Dakota, Mesaverde and/or Gallup Participating Areas be notified of such commingling.

(17) The downhole commingling of wells within the Rincon Unit Area will benefit working, royalty and overriding royalty interest owners. In addition, the downhole commingling of wells within the Rincon Unit Area should not violate the correlative rights of any interest owner.

(18) The evidence in this case indicates that notice to each interest owner within the Dakota, Mesaverde and/or Gallup Participating Areas of subsequent downhole comminglings within the Rincon Unit is unnecessary and is an excessive burden on the applicant.

(19) No interest owner and/or offset operator appeared at the hearing in opposition to the application.

(20) An administrative procedure should be established within the Rincon Unit for obtaining approval for subsequently downhole commingled wells without notice and hearing, provided however that, all provisions contained within Rule No. 303(C) of the Division Rules and Regulations, with the exception of Part 1 (b)(v), are fully complied with.

(21) The proposed administrative procedure for obtaining approval for downhole commingling will allow the applicant the opportunity to recover additional gas reserves from the Rincon Unit Area which may otherwise not be recovered, thereby preventing waste, and will not violate correlative rights.

IT IS THEREFORE ORDERED THAT:

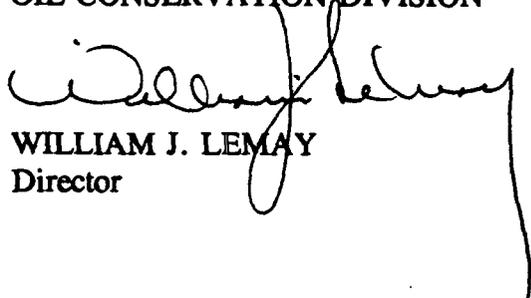
(1) An administrative procedure for obtaining approval to downhole commingle wells within the Rincon Unit, located in portions of Townships 26 and 27 North, Ranges 6 and 7 West, NMPM, Rio Arriba County, New Mexico, is hereby established.

(2) In order to obtain Division authorization to downhole commingle wells within the Rincon Unit, the applicant shall file an application with the Santa Fe and Aztec Offices of the Division. Such application shall contain all of the information required under Rule No. 303(C) of the Division Rules and Regulations, provided however that the applicant shall not be required to provide notice to all interest owners within the Dakota, Mesaverde and/or Gallup Participating Areas in the Rincon Unit of such proposed commingling. In addition, the application shall contain evidence that all offset operators and the United States Bureau of Land Management (BLM) have been notified of the proposed commingling.

(3) Jurisdiction is hereby 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 hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

TBL_SJ_28_5_UNIT_63E_OWNERS

Firstname

ALGERNON W BROWN TRUST UW/O ✓
BANK OF AMERICA
BUREAU OF LAND MANAGEMENT
BURLINGTON RESOURCES O&G CO
CHARLES W GAY
D A ABRAHAM LLC
DEVON ENERGY PRODUCTION CO LP
E J E BROWN COMPANY
EDNA E MORRELL LIV TR 11-1073
ELEANOR G HAND
EVELYN G BROWN TRUST UW/O ✓
FIRST NATL BK SANTA FE AGENT
HARCO LTD PARTNERSHIP
HARRINGTON ENERGY RESOURCES LTD
HARRINGTON SOUTHWEST ENERGY LTD
JAMES M RAYMOND
JAMES V HARRINGTON
JUAN R MONTANO
KATHLEEN EARNEST RIOS TRUSTEE
KATHLEEN QUINN
LESLIE C TATUM
LMA ROYALTIES LTD
LORRAYN GAY HACKER
M A R OIL AND GAS CORP INC
MARY F ROBERTS
MARY JO WELLS
MARY JONE CHAPPELL
MAYDELL MILLER MAST
MIKE C ABRAHAM TRUSTEE
PATRICIA ANN ASHBURN
PATRICIA P SCHIEFFER
PHILIP O MEADOWS & LEE D
POOL HAROLD IRREV RE
PURE RESOURCES LP
ROBBYE F BAKER
ROBERT S TATUM TRUSTEE
RUTH ZIMMERMAN TRUST
SCOTT ANTHONY VENEZIA
STEVE J ABRAHAM PERS REP
TEMPE LTD PARTNERSHIP
TERRI GREENE LEAGUE TRUSTEE
THE FIRST NATIONAL BANK OF SANTA FE
THELMA POOL REV MARITAL TRST
UW FOSTER MORRELL DECD 11-1065