

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

24/29945

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

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

Check One Only for [B] and [C]

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

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

AUG 25 2000

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

[A] X Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] X 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

75

G - 17 - 28N - 5W

Rio Arriba County, New Mexico

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 7460 API No. 30-039-20108 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)	6376-7500'		7734-7928'
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 - 1193 Original - 2991
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1149		1177
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: 33 MCFD	Date: Rates:	Date: February 8, 2000 Rates: 55 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?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☒
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.

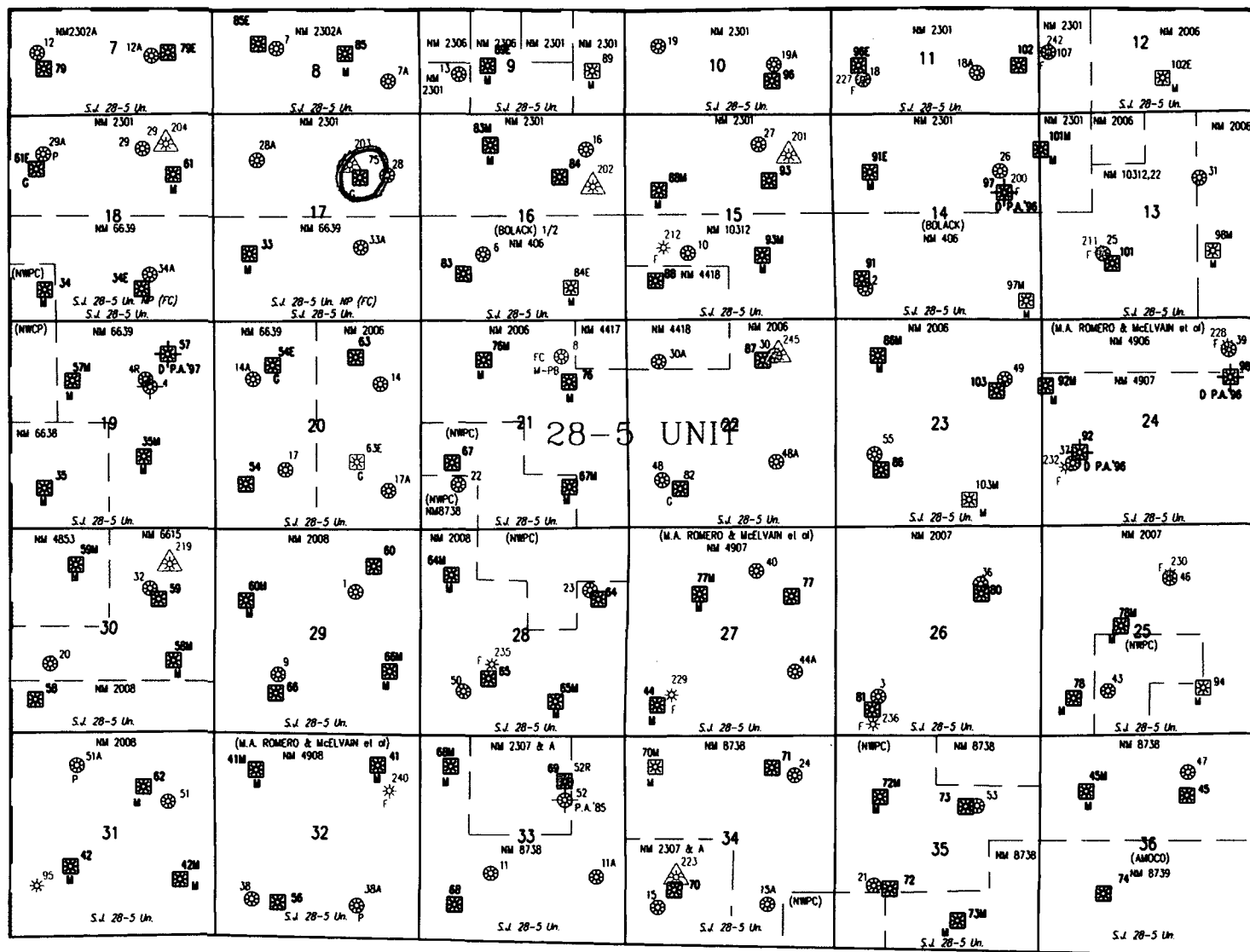
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

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

16		1500	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 <u>Peggy Bradfield</u> Printed Name Title <u>Regulatory Administrator</u> Date <u>6-17-99</u>
	Original plat from David O. Vilven 1-9-68		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 #75 G, Sec 17, 28N, 5W

T28N - R5W



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R455.5.

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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF 079250
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 _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 0-0-1-20106
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 28-5 Unit
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico		8. FARM OR LEASE NAME San Juan 28-5 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650'N, 1500'E At top prod. interval reported below At total depth		9. WELL NO. 75
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 17, T-28-N, R-85-W N.M.P.M.

15. DATE SPUDDED 6-23-68	16. DATE T.D. REACHED 9-11-68	17. DATE COMPL. (Ready to prod.) 9-24-68	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6589' GL	19. ELEV. Casinghead
20. TOTAL DEPTH, MD & TVD 7952'	21. PLUG BACK T.D., MD & TVD 7938'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-7952'	ROTARY TOOLS 0-7952'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7734 - 7928' (Dakota)				25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN I-GR, FDC, Temp. Survey				

28. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD*
9 5/8"	32.30#	195'	13 3/4"	125 Sks.
7"	20#	3698'	8 3/4"	130 Sks.
4 1/2"	11.6 & 10.5#	7952'	6 1/4"	400 Sks.

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7726'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7734-44, 7808-23' w/25 SPZ; 7888-7903' w/23 SPZ; 7913-28' w/26 SPZ		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7734-7928	82,000 gal. water, 51,000 gal. sand
			300 gal. 10% HCl

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					
		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	OH—GAL. (CORR.)
9-24-68	3	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OH—GAL. (CORR.)	
SI 2514	SI 2510	→		4773 MCF/D -	A.O.F.		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY D. R. Roberts
35. LIST OF ATTACHMENTS		

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		
SIGNED	Original signed by Carl E. Matthews	TITLE Petroleum Engineer
		DATE 9-30-68

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

(October 1990)

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

SUBMIT IN DUPLICATE

(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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		2. NAME OF OPERATOR		7. UNIT AGREEMENT NAME									
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input checked="" type="checkbox"/> Other <input type="checkbox"/>		BURLINGTON RESOURCES OIL & GAS COMPANY		San Juan 28-5 Unit									
3. ADDRESS AND TELEPHONE NO.				PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. FARM OR LEASE NAME, WELL NO.									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*				At surface 1650 'FNL, 1500 'FEL.		San Juan 28-5 Unit #75									
At top prod. interval reported below						9. API WELL NO.									
At total depth						30-039-20108									
14. PERMIT NO.				DATE ISSUED		10. FIELD AND POOL, OR WILDCAT									
						Munoz Canyon Gallup									
15. DATE SPUDDED				16. DATE T.D. REACHED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
6-23-68		9-11-68		2-19-00		Sec. 17, T-28-N, R-5-W									
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		12. COUNTY OR PARISH									
7952'		CIBP @ 7645'		2		Rio Arriba									
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE		13. STATE									
6376-7500' Gallup						New Mexico									
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED									
CBL-CCL-GR						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#	195'	13 3/4"	125 sx											
7"	20#	3698'	8 3/4"	130 sx											
4 1/2"	11/6 & 10.5#	7952'	6 1/4"	400 sx											
29. LINER RECORD				30. TUBING RECORD											
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)								
					2 3/8"	7599'	CIBP @ 7645'								
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
6376, 6380, 6384, 6388, 6392, 6396, 6650, 6654, 6658, 6662, 6666, 6670, 6704, 6708, 6712, 6716, 6790, 6794, 6798, 6802, 6806, 7265, 7268, 7271, 7274, 7277, 7280, 7283, 7286, 7289, 7325, 7328, 7331, 7334, 7337, 7340, 7480-7500'				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>6376-6806'</td> <td>1120 bbl 25# x-link gel, 100,000# 20/40 Arizona sd</td> </tr> <tr> <td>7265-7340'</td> <td>1086 bbl 25# x-link gel, 60,000# 20/40 Arizona sd</td> </tr> <tr> <td>7480-7500'</td> <td>229 bbl 30# x-link gel, 758 bbl 35# x-link gel, 60,000# 20/40 Arizona sd</td> </tr> </table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	6376-6806'	1120 bbl 25# x-link gel, 100,000# 20/40 Arizona sd	7265-7340'	1086 bbl 25# x-link gel, 60,000# 20/40 Arizona sd	7480-7500'	229 bbl 30# x-link gel, 758 bbl 35# x-link gel, 60,000# 20/40 Arizona sd
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED														
6376-6806'	1120 bbl 25# x-link gel, 100,000# 20/40 Arizona sd														
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7480-7500'	229 bbl 30# x-link gel, 758 bbl 35# x-link gel, 60,000# 20/40 Arizona sd														
33. PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (Producing or shut-in)									
		Flowing				SI									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO								
2-19-00	1				264 MCF/D Pitot Gauge										
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)									
SI 40	SI 1119														
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)						TEST WITNESSED BY									
To be sold															
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

TITLE Regulatory Administrator

DATE 2-22-00

OR RECO

*(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.

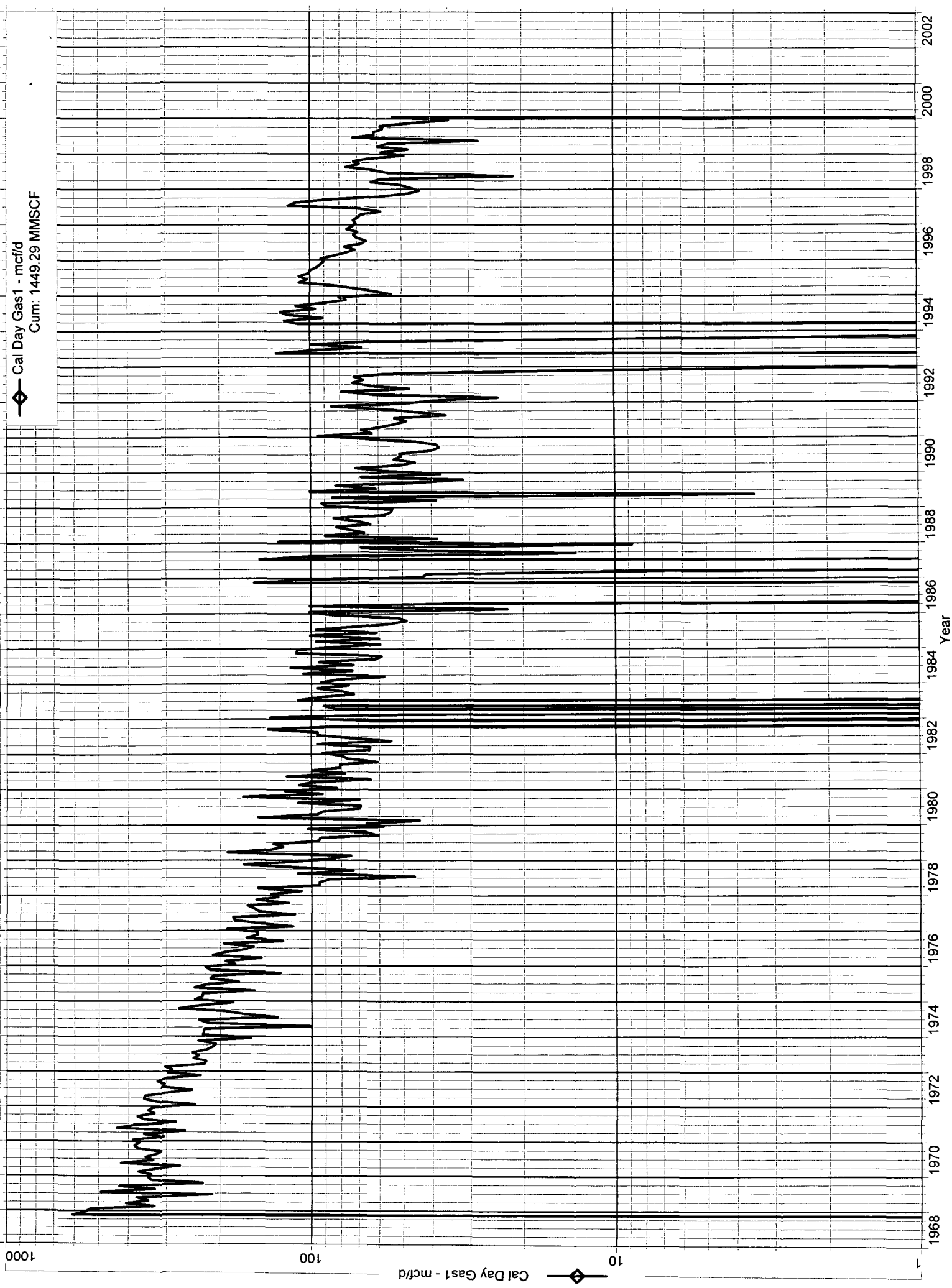
FEB 25 2000

FARMINGTON FIELD OFFICE

OPERATOR

SAN JUAN 28-5 UNIT 75 5174801 (35398552286.5774) Data: Jan. 1968-Jun. 2000

Cal Day Gas1 - mcf/d
Cum: 1449.29 MMSCF



SJ 28-5 Unit #75

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 0.596
COND. OR MISC. (C/M) C	COND. OR MISC. (C/M) C
%N2 0.52	%N2 0.11
%CO2 1.43	%CO2 1.61
%H2S 0	%H2S 0
DIAMETER (IN) 1.9	DIAMETER (IN) 1.995
DEPTH (FT) 7891	DEPTH (FT) 7726
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) 1012
BOTTOMHOLE PRESSURE (PSIA) 608.0	BOTTOMHOLE PRESSURE (PSIA) 1193.4
<u>MN-Original</u>	<u>DK-Original</u>
GAS GRAVITY 0.67	GAS GRAVITY 0.596
COND. OR MISC. (C/M) C	COND. OR MISC. (C/M) C
%N2 0.52	%N2 0.11
%CO2 1.43	%CO2 1.61
%H2S 0	%H2S 0
DIAMETER (IN) 1.9	DIAMETER (IN) 1.995
DEPTH (FT) 7891	DEPTH (FT) 7726
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) 2515
BOTTOMHOLE PRESSURE (PSIA) 2009.1	BOTTOMHOLE PRESSURE (PSIA) 2991.8

TOW/cs Production Accounting

File Edit Tools Window Help

Gas Analysis Information

Name: SAN JUAN 28-5 UNIT 75 75901

Analysis Name:

Analysis: 1:1

Effective Date: 04/01/2000

Sample Date: 03/14/2000

Pressure Base BTU: 14.7300

Wet/Dry: Dry

Heat Content: 1.17700000

Specific Gravity: 0.681

Coefficient Factor: 0.0000

Calculation Type:
☒ Enter Percentages
☐ Enter GPM

Related To:

O2%: 0.00000

Hexane Plus GPM: 0.0000

C9%: 0.00000

	MOL Fraction	MOL Count
Hydrogen (H2)	0.00000	0.0000
Helium (He)	0.00000	0.0000
Nitrogen (N2)	0.00130	0.0000
Carbon Dioxide (CO2)	0.01300	0.0000
Hydrogen Sulphide (H2S)	0.00000	0.0000
Methane (C1)	0.86070	0.0000
Ethane (C2)	0.07590	0.0000
Propane (C3)	0.02300	0.0000
Isobutane (IB4)	0.00490	0.0000
Butane	0.00580	0.0000
Isopentane (IP5)	0.00300	0.0000
Pentane (P5)	0.00160	0.0000
Hexane (C6)	0.01080	0.0000
Heptane (C7)	0.00000	0.0000
Final Totals	1.0000	0.00000

04/01/2000 3:3

07/28/2000 9:08:55 AM

Start Inbox Burlington Resources ... Microsoft Excel - Book1 TOW/cs Production... Snagit/32 9:08 AM

Page No.: 2

Print Time: Wed Aug 02 10:56:00 2000

Property ID: 1659

Property Name: SAN JUAN 28-5 UNIT | 75 | 51748A

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##	#####	#####	#####	##
09/24/68	0	0.0	0.0	2515.0	2981.0	0.0	0.0	0.0	
04/16/69	84000	0.0	0.0	1600.0	0.0	0.0	0.0	0.0	
06/19/70	230449	594.0	0.0	1318.0	1553.0	0.0	0.0	0.0	
04/27/71	334648	699.0	0.0	1180.0	1388.0	0.0	0.0	0.0	
05/15/72	469329	508.0	0.0	1096.0	1288.0	0.0	0.0	0.0	
07/05/73	584480	479.0	0.0	1171.0	1378.0	0.0	0.0	0.0	
04/15/75	714834	253.0	0.0	1030.0	1210.0	0.0	0.0	0.0	
06/15/77	854404	280.0	0.0	863.0	1011.0	0.0	0.0	0.0	
07/02/79	945654	319.0	0.0	944.0	1107.0	0.0	0.0	0.0	
09/27/83	1071603	326.0	0.0	1040.0	1221.0	0.0	0.0	0.0	
07/11/85	1128109	308.0	0.0	924.0	1083.0	0.0	0.0	0.0	
10/04/88	1191182	367.0	0.0	922.0	1081.0	0.0	0.0	0.0	
05/09/90	1225111	390.0	0.0	1012.0	1188.0	0.0	0.0	0.0	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN **CATE**
(See all 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

7. UNIT AGREEMENT NAME

San Juan 28-5 Unit

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

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

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

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

ROTARY TOOLS

CABLE TOOLS

0-7961

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

6912-7333 Gallup

25. WAS DIRECTIONAL SURVEY MADE

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

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

30. TUBING RECORD

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	PROD'N 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 Detmold

TITLE Regulatory Administrator

DATE 5-22-98

JUN 01 1998

ACCEPTED FOR RECORD

*(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

TOW/cs Production Accounting

File Edit Tools Window Help

Gas Analysis Information

Name: SAN JUAN 20-5 UNIT 54E GL

Analysis Name:

Analysis: 1 : 1

Effective Date: 04/18/2000

Sample Date: 04/01/2000

Pressure Base BTU: 14.7300

Wet/Dry: Dry

BTU: 1.14900000

Specific Gravity: 0.670

Calculation Type:
☒ Enter Percentages
☐ Enter GPM

Related To

	MOL Fraction	MOL Count	
Hydrogen (H2)	0.00000	0.0000	
Helium (He)	0.00000	0.0000	
Nitrogen (N2)	0.00521	0.0000	
Carbon Dioxide (CO2)	0.01430	0.0000	
Hydrogen Sulphide (H2S)	0.00000	0.0000	
Methane (C1)	0.86618	0.0000	
Ethane (C2)	0.07280	0.0000	
Propane (C3)	0.02157	0.0000	
Isobutane (IB4)	0.00281	0.0000	
Butane	0.00330	0.0000	
Isopentane (IP5)	0.00270	0.0000	
Pentane (P5)	0.00232	0.0000	
Hexane (C6)	0.00000	0.0000	
Heptane (C7)	0.00000	0.0000	
Total	0.9912	0.00000	
02 GPM	0.0000	Hexanes Plus GPM	0.0000

04/18/2000 3 : 3

08/03/2000 9:38:35 AM 1

Start Inbox Microsoft Excel TOW/cs Production In:5nagl/32 9:38 AM

**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:

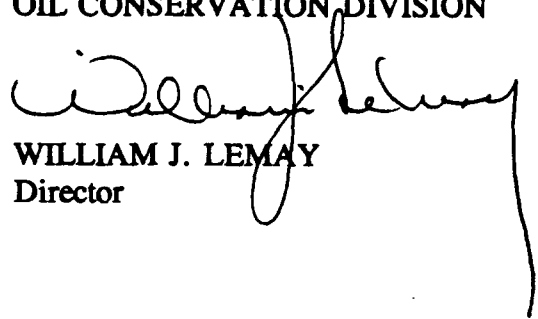
(1) An administrative procedure for obtaining approval to downhole commingle wells within the Rincon Unit, located in portions of Townships 26 and 27 North, Ranges 6 and 7 West, NMPM, Rio Arriba County, New Mexico, is hereby established.

(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_75_OWNERS

Firstname	Company
BANK OF AMERICA	F/A/O DEREK PETER VENEZIA
BUREAU OF LAND MANAGEMENT	FARMINGTON DIST OFFICE
BURLINGTON RESOURCES O&G CO	801 CHERRY ST
D A ABRAHAM LLC	C/O KEVIN CHISHOLM CPA
EDNA E MORRELL LIV TR 11-1073	C/O NORWEST BANK NEW MEXICO NA
ELEANOR G HAND	9 ANSLEY DR NE
FIRST NATL BK SANTA FE AGENT	AMALIA SANCHEZ
HARCO LTD PARTNERSHIP	PO BOX 216
HARRINGTON ENERGY RESOURCES LTD	PTRNSHP A NEW MEXICO LTD PTRNSHP
HARRINGTON SOUTHWEST ENERGY LTD	PTRNSHP A NEW MEXICO LTD PTRNSHP
JAMES V HARRINGTON	7 MANZANO RD
JUAN R MONTANO	PO BOX 247
KATHLEEN EARNEST RIOS TRUSTEE	ROBERT P EARNEST & ANNA DOKUS
LESLIE C TATUM	PO BOX 7392
LMA ROYALTIES LTD	PO BOX 1778
MARY F ROBERTS	PO BOX 15940
MARY JO WELLS	5250 WOODLAWN AVE
MARY JONE CHAPPELL	PO BOX 1865
MIKE C ABRAHAM TRUSTEE	PO BOX 25123
PATRICIA ANN ASHBURN	46 CARIBE WAY
PATRICIA P SCHIEFFER	1000 BALLPARK WAY
PHILIP O MEADOWS & LEE D	MEADOWS PERS REP
PURE RESOURCES LP	PO BOX 910552
ROBBYE F BAKER	P O BOX 12992
ROBERT S TATUM TRUSTEE	TATUM LIVING TR DTD 12/10/96
SCOTT ANTHONY VENEZIA	ACCT #02327-02361 - ACCT TYPE DDA
STEVE J ABRAHAM PERS REP	MARY F ABRAHAM ESTATE
TEMPE LTD PARTNERSHIP	C/O F E & M K HARRINGTON
TERRI GREENE LEAGUE TRUSTEE	WILLIAM BURKE GREEN REVOC TRUST
THE FIRST NATIONAL BANK OF SANTA FE	TRUST U/W MANUEL A SANCHEZ
UW FOSTER MORRELL DECD 11-1065	C/O NORWEST BANK NEW MEXICO NA