

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

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

24/29340
2821

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 FOR DOWNHOLE COMMINGLING

APPLICATION TYPE
X Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

Burlington Resources Oil and Gas 3401 East 30th Street, Farmington, New Mexico
Operator Address
San Juan 27-4 57 M - 28 - 27N - 4W Rio Arriba County, New Mexico
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 14538 Property Code 7452 API No. 30-039-20383 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BS Mesa Gallup		Basin Dakota
Pool Code	72920		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6835-8000'		8254-8468'
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 - 635 Original - 2925		Current - 764 Original - 3028
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1100		1241
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 15, 2000 Rates: 12 MCFD	Date: Rates:	Date: August 27, 1999 Rates: 35 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 X
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes X No
Are all produced fluids from all commingled zones compatible with each other? Yes X No
Will commingling decrease the value of production? Yes No X
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 X No
NMOCD Reference Case No. applicable to this well:

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:

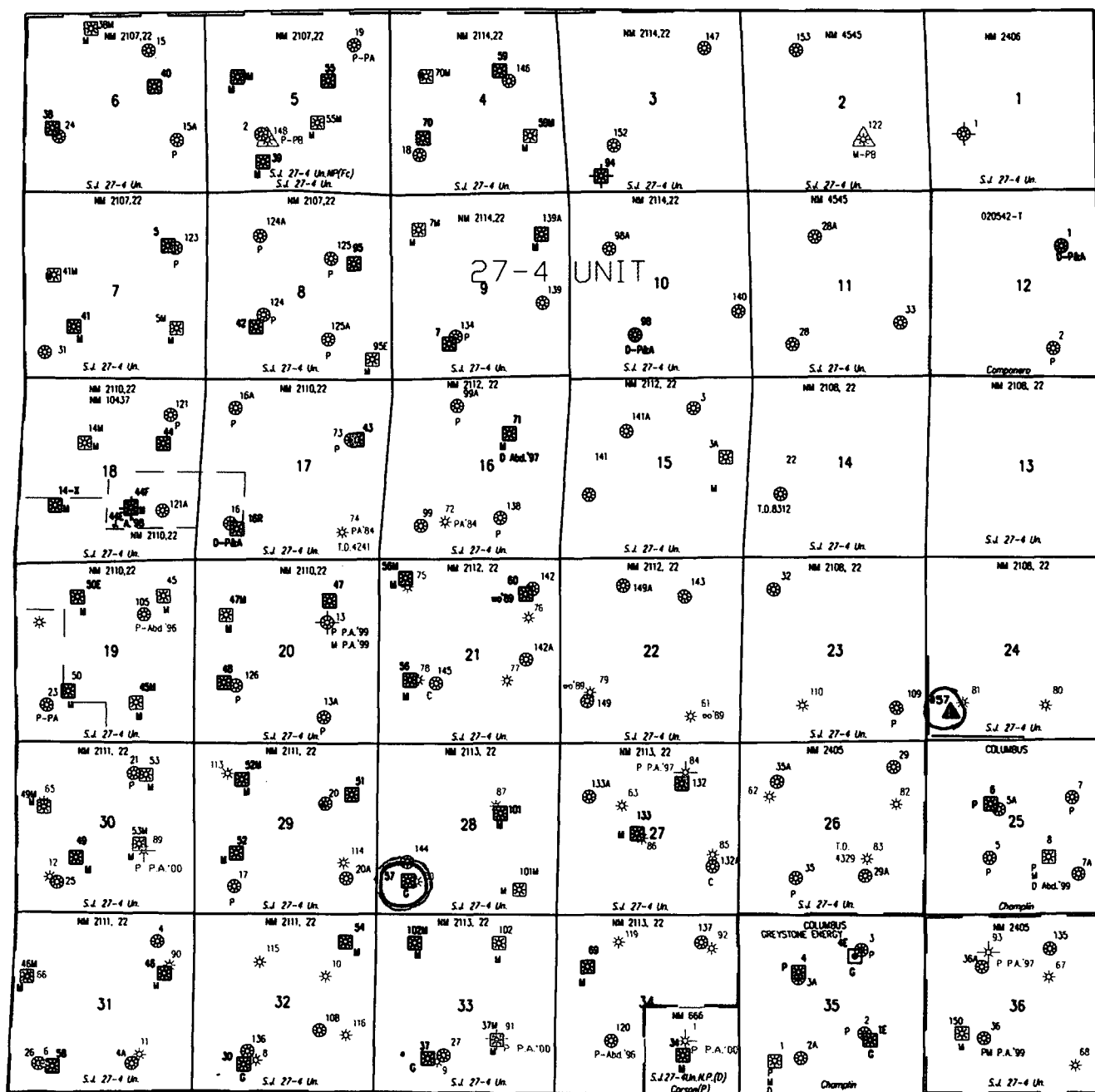
List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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 8-23-00
nco
TYPE OR PRINT NAME Randy Buckley TELEPHONE NO. (505) 326-9700

M, Sec 28, 27N, 4W

T27N - R4W



SJ 27-4 Unit #57

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	0.626	GAS GRAVITY	0.732
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.35	%N2	0.24
%CO2	0.76	%CO2	0.95
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.9
DEPTH (FT)	8315	DEPTH (FT)	8448
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)	525	SURFACE PRESSURE (PSIA)	613
BOTTOMHOLE PRESSURE (PSIA)	634.8	BOTTOMHOLE PRESSURE (PSIA)	763.6
<u>MN-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.626	GAS GRAVITY	0.732
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.35	%N2	0.24
%CO2	0.76	%CO2	0.95
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.9
DEPTH (FT)	8315	DEPTH (FT)	8448
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)	2347	SURFACE PRESSURE (PSIA)	2350
BOTTOMHOLE PRESSURE (PSIA)	2925.3	BOTTOMHOLE PRESSURE (PSIA)	3027.9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other in-
structions on
the side)

Form approved.
Budget Bureau No. 42-R355.5.

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
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990'S, 850'W
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF 080675

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 27-4 Unit

8. FARM OR LEASE NAME
San Juan 27-4 Unit

9. WELL NO.
57

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, T-27-N, R-4-W
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED 8-24-71 16. DATE T.D. REACHED 9-4-71 17. DATE COMPL. (Ready to prod.) 9-16-71 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7207'GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8517' 21. PLUG, BACK T.D., MD & TVD 8482' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-8517' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8254-8468' (Dakota) 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
IGR, FDC, Temp. Survey 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"	32.3#	235'	13 3/4"	190 sks.	
7"	20#	4361'	8 3/4"	125 sks.	
4 1/2"	11.6&10.5#	8517'	6 1/4"	360 sks.	

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"	8448'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8254-66', 8278-90', 8388-8400', 8462-68' with-18 SPZ.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8254-8468'	46,000# Sand, 47250 gal. water

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-16-71	3	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 2327	SI 2337	→		2013 MCF/D	AOF		

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 F. H. WOOD TITLE Petroleum Engineer DATE September 27, 197

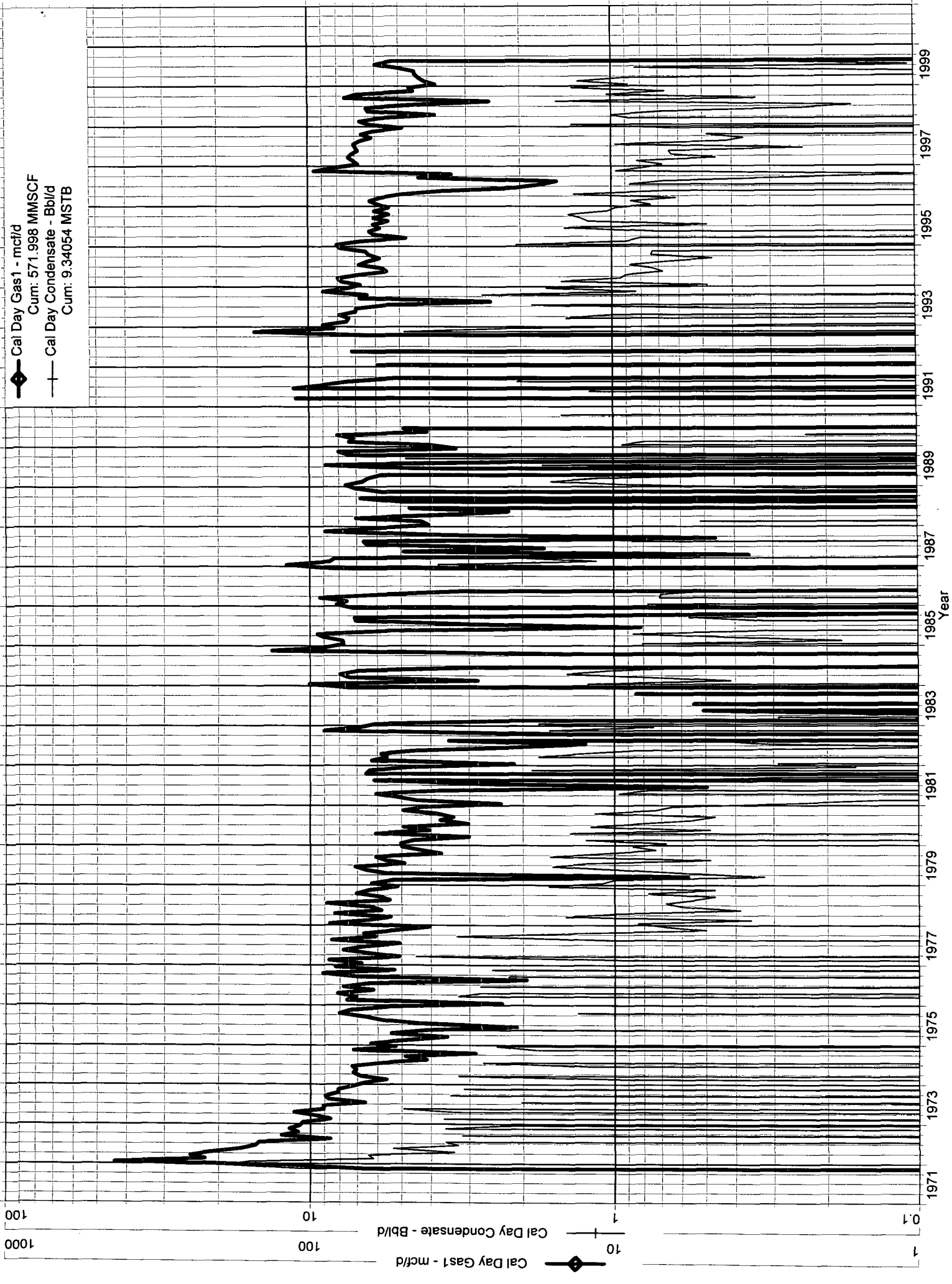
*(See Instructions and Spaces for Additional Data on Reverse Side)

16				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> <u><i>Peggy Bradfield</i></u> Signature <u>Peggy Bradfield</u> Printed Name <u>Regulatory Administrator</u> Title <u>6-19-99</u> Date
250 990				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

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 % IC5	Mol % NC5	Mol % C6	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	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	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	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	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	0.687

Cal Day Gas1 - mcf/d
 Cum: 571,998 MMSCF
 Cal Day Condensate - Bbl/d
 Cum: 9,34054 MSTB



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

5. LEASE DESIGNATION AND SERIAL NO.
SF-080675

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO.

San Juan 27-4 Unit #57

9. API WELL NO.

30-039-20383

10. FIELD AND POOL, OR WILDCAT

BS Mesa Gallup

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

Sec. 28, T-27-N, R-4-W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ 99 OCT 25 PM 2:21

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other 070 FARMINGTON, NM

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 990'FSL, 850'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

8-24-71

16. DATE T.D. REACHED

9-4-71

17. DATE COMPL. (Ready to prod.)

10-11-99

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*

7207' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8517'

21. PLUG, BACK T.D., MD & TVD

CIBP @ 8185'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

0-8517'

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

6835-8000' Gallup

25. WAS DIRECTIONAL
SURVEY MADE26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL-CCL-GR27. 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#	235	13 3/4	190 sx	
7	20#	4361	8 3/4	125 sx	
4 1/2	11.6# & 10.5#	8517	6 1/4	360 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8005	CIBP @ 8185

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6835-7105', 7120-7365', 7580-7780', 7865-8000'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6835-7365	2115 bbl 25# x-link gel, 85,000# 20/40 tempered LC sd
7580-8000	2105 bbl 25# x-link gel, 100,000# 20/40 tempered LC 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
10-11-99					158 Pitot Gauge		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
SI 471	SI 1500						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

ACCEPTED FOR RECORD

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

NOV 04 1999

SIGNED

TITLE Regulatory Administrator

DATE 10/22/99

*(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

Page No.: 1
 Print Time: Wed Aug 02 10:55:59 2000
 Property ID: 1270
 Property Name: SAN JUAN 27-4 UNIT | 57 | 44037A
 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■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■
09/16/71	0	395.0	0.0	2350.0	2981.0	0.0	0.0	0.0	
06/13/72	49495	328.0	0.0	939.0	1166.0	0.0	0.0	0.0	
07/15/74	117089	294.0	0.0	606.0	745.0	0.0	0.0	0.0	
09/04/75	137595	414.0	0.0	792.0	979.0	0.0	0.0	0.0	
05/01/79	222429	281.0	0.0	661.0	814.0	0.0	0.0	0.0	
05/20/85	314757	314.0	0.0	620.0	762.0	0.0	0.0	0.0	
05/28/92	418299	356.0	0.0	858.0	1063.0	0.0	0.0	0.0	
06/15/93	443574	0.0	0.0	613.0	0.0	0.0	0.0	0.0	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF 080675	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 27-4 Unit	
3. ADDRESS OF OPERATOR Box 289, Farmington, New Mexico 87401		8. FARM OR LEASE NAME San Juan 27-4 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990'S, 1550'W At top prod. interval reported below At total depth		9. WELL NO. 37 (OWWO)	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8-5-65 W/O 12-7-79		16. DATE T.D. REACHED 8-24-79	
17. DATE COMPL. (Ready to prod.) 8-29-65 W/O 12-19-79		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7131' GL	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT B.S. Mesa Gallup Ext. Basin Dak	
20. TOTAL DEPTH, MD & TVD 8428'		21. PLUG, BACK T.D., MD & TVD 8350'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0-8428'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8138-8330' (DAK) 7665-7690 (Gallup)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN SGR; I-ES; Temp. Survey; Cement Bond Log		27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10 3/4"	32.75#	312'	15"
7 5/8"	26.4#	4201'	9 7/8"
5 1/2"	17 & 15.5#	8974'	6 3/4"
CEMENTING RECORD		AMOUNT PULLED	
250 cu. ft.			
250 cu. ft.			
450 cu. ft.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4"	7983'	8428'	50 cf.
SCREEN (MD)		30. TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2 3/8"	8315'
		PACKER SET (MD) SN = 8283	
31. PERFORATION RECORD (Interval, size and number)			
7665-7690' W/10 SPZ., 8138-8148, 8164-8174, 8277-8287' W/2 SPZ. 8325-8330' W/4 SPZ.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8138-8330'		40,000# sd, 42,000 gal. wtr.	
7665-7690'		30,000# sd, 37,050 gal. wtr.	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		After Frac Gauge 324 MCF/D	
WELL STATUS (Producing or shut-in)		Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
12-19-79			→
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
SI 231	SI 746	→	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY R. Hardy	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			

ACCEPTED FOR RECORD

SIGNED

TITLE Drilling Clerk

DATE January 16, 1980

JAN 28 '80

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

JAN 24 1980
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

DISTRICT

TOW/cs Production Accounting

File Edit Tools Window Help

Gas Analysis Information

Name: SAN JUAN 27-4 UNIT 37 GL

Analysis Name:

Analysis: 1:1

Effective Date: 04/01/1996

Sample Date: 03/09/1996

Pressure Base BTU: 14.7300

Wet/Dry: Dry

BTU: 1.10000000

Specific Gravity: 0.626

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)	0.00350	0.0000
Carbon Dioxide (CO2)	0.00760	0.0000
Hydrogen Sulphide (H2S)	0.00000	0.0000
Methane (C1)	0.91490	0.0000
Ethane (C2)	0.04320	1.1556
Propane (C3)	0.01760	0.4851
Isobutane (IB4)	0.00270	0.0883
Butane	0.00490	0.1545
Isopentane (IP5)	0.00160	0.0585
Pentane (P5)	0.00130	0.0471
Hexane (C6)	0.00000	0.0000
Heptane (C7)	0.00000	0.0000
Total	0.9973	
02 GPM	0.0000	
Hexanes Plus GPM		0.1178

04/01/1996 1:1

08/03/2000 4:44:48 PM

Start Inbox Microsoft Excel - B... TOW/cs Produ... Burlington Resourc... Microsoft Word - C... Snagit/32 4:44 PM

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len 8,315

Page No.: 1

Print Time: Mon Aug 07 08:32:20 2000

Property ID: 1247

Property Name: SAN JUAN 27-4 UNIT | 37 | 53321B

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■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■	■■■■■■■■■■
08/29/65	0	0.0	0.0	2347.0	2996.0	0.0	0.0	0.0	
06/24/70	262179	420.0	0.0	775.0	962.0	0.0	0.0	0.0	
05/18/71	291090	375.0	0.0	741.0	919.0	0.0	0.0	0.0	
06/13/72	331231	326.0	0.0	701.0	868.0	0.0	0.0	0.0	
06/18/75	439994	254.0	0.0	603.0	744.0	0.0	0.0	0.0	
07/06/77	503348	268.0	0.0	784.0	973.0	0.0	0.0	0.0	
12/08/80	590147	286.0	0.0	620.0	765.0	0.0	0.0	0.0	
06/01/81	594062	273.0	0.0	406.0	497.0	0.0	0.0	0.0	
01/04/84	621642	248.0	0.0	579.0	714.0	0.0	0.0	0.0	
05/20/85	640200	306.0	0.0	577.0	711.0	0.0	0.0	0.0	
10/15/93	708909	0.0	0.0	525.0	0.0	0.0	0.0	0.0	

TBL_SJ_27_4_UNIT_57_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
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