



June 15, 2001

Ms. Lori Wrotenbery
NMOCD
1220 South ST. Francis Drive
Santa Fe, New Mexico 87504

RE: Administrative Approval to Downhole Commingle
Energen Resources Corporation
San Juan 30-4 Unit #42
1761' FNL, 1190' FEL, Sec. 19, T30N, R4W, N.M.P.M.
Rio Arriba County, New Mexico
API # 30-039-25971



Dear Ms. Wrotenbery:

Energen Resources Corporation requests Administrative Approval to add the E Blanco Pictured Cliffs and downhole commingle it with the Blanco Mesa Verde in the subject well. The well is currently producing as a single Mesa Verde completion. Open hole log results show additional potential in the Pictured Cliffs formation similar to offset producing wells. Due to the mechanical configuration of this wellbore, it is felt commingling is the most economical way to produce the Pictured Cliffs reserves in this proration unit.

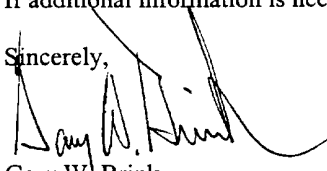
To comply with New Mexico Oil Conservation Rules, Energen Resources Corporation, is submitting the following data for your approval of the proposed commingling:

1. Form C107A – Application for Downhole Commingle
2. C102 – Location plat showing each spacing unit and dedicated acreage
3. Production curves for both the Pictured Cliffs and Mesa Verde
4. Offset operator plat
5. Ownership list of working, royalty and overriding royalty interests
6. Supporting pressure data
7. Proposed allocation method

In accordance with New Mexico Oil Conservation Division Rule 303D, all offset operators, working, royalty, and overriding royalty interests are being notified of this application by certified mail. As an offset operator, working, royalty or overriding royalty owner, and you have no objection to this application, you do not have to respond to this notification.

If additional information is needed, please contact me.

Sincerely,


Gary W. Brink
Production Superintendent

GWB/vd

cc: NMOCD – Aztec, BLM – Farmington, Offset Operators, Working, Royalty, Overriding Royalty Owners

District I
191 Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Kilo Hrazas Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ AIT Number 30-029-25971	² Pool Code 72400/72319	³ Pool Name E Blanco PC / Blanco Mesa Verde
⁴ Property Code 21994	⁵ Property Name SAN JUAN 30-4 UNIT	⁶ Well Number 42
⁷ OGRID No. 162928	⁸ Operator Name Energen Resources	⁹ Elevation 7435

¹⁰ Surface Location

UL or lot no. H	Section 19	Township 30N	Range 4W	Lot Idn	Feet from the 1761	North/South line NORTH	Feet from the 1190	East/West line EAST	County RIO ARriba
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¹¹ 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
¹² Dedicated Acres 160/320									
¹³ Joint or Infill									
¹⁴ Consolidation Code									
¹⁵ Order No.									

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	LOT 1	WEST 4448.40	1761'	1190'	17
R.4 W	LOT 2	JUN 2001 RECEIVED OIL CON. DIV DIST. 3	1190'	1761'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Gary W Brink Printed Name District Superintendent Title 6/13/01 Date
R.5 W	LOT 3	NORTH 5289.94	1190'	1761'	
NORTH 5289.94	LOT 4	WEST 4453.68	1190'	1761'	
LOT 4					

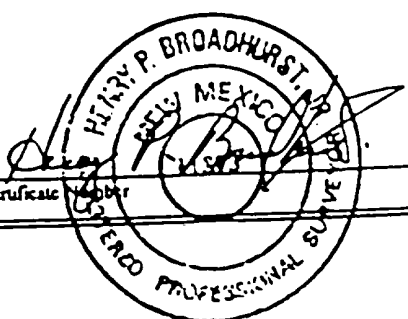
18 SURVEYOR CERTIFICATION

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.

4-27-98

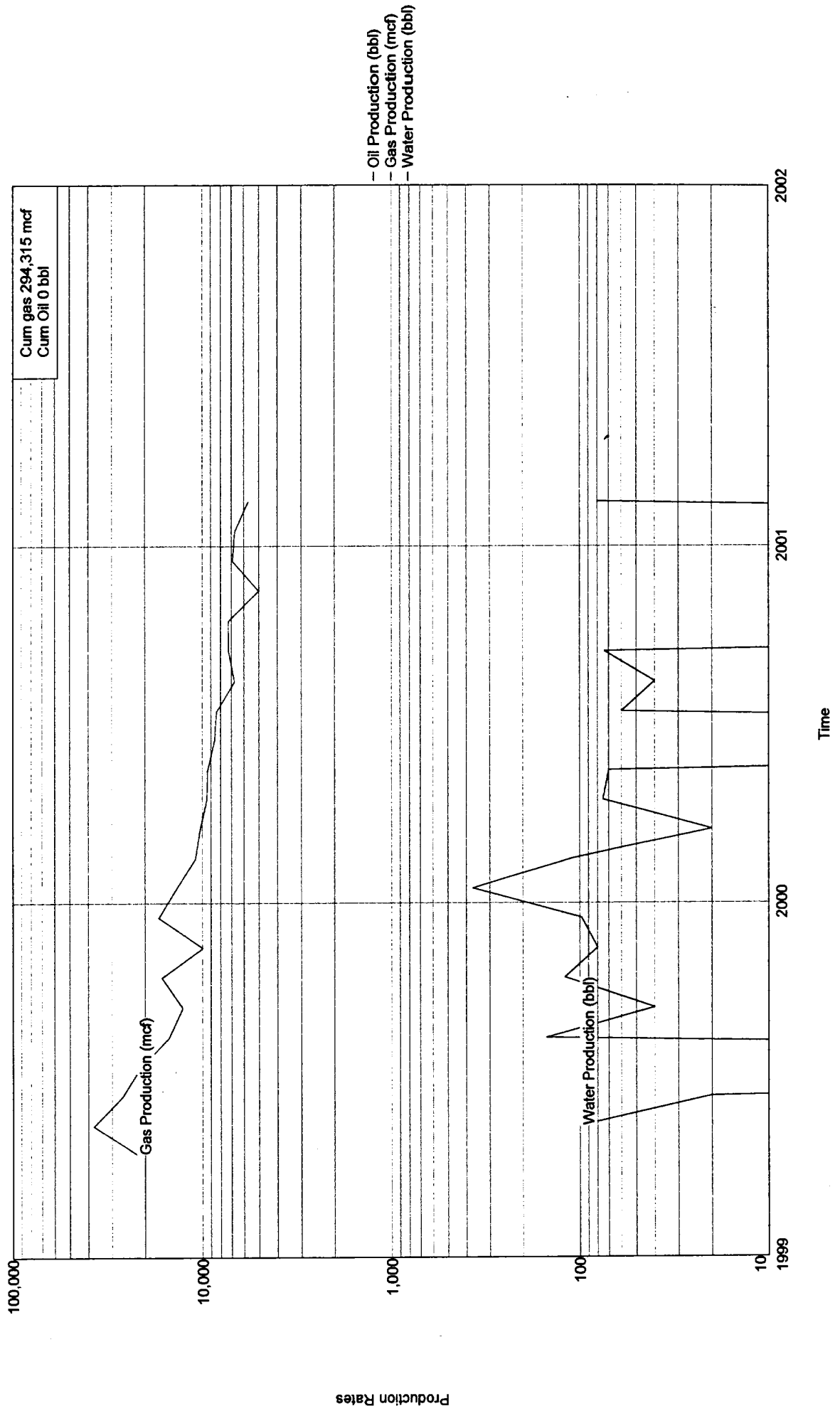
Date of Survey

Signature and Seal of Professional Surveyor:


Certificate Number

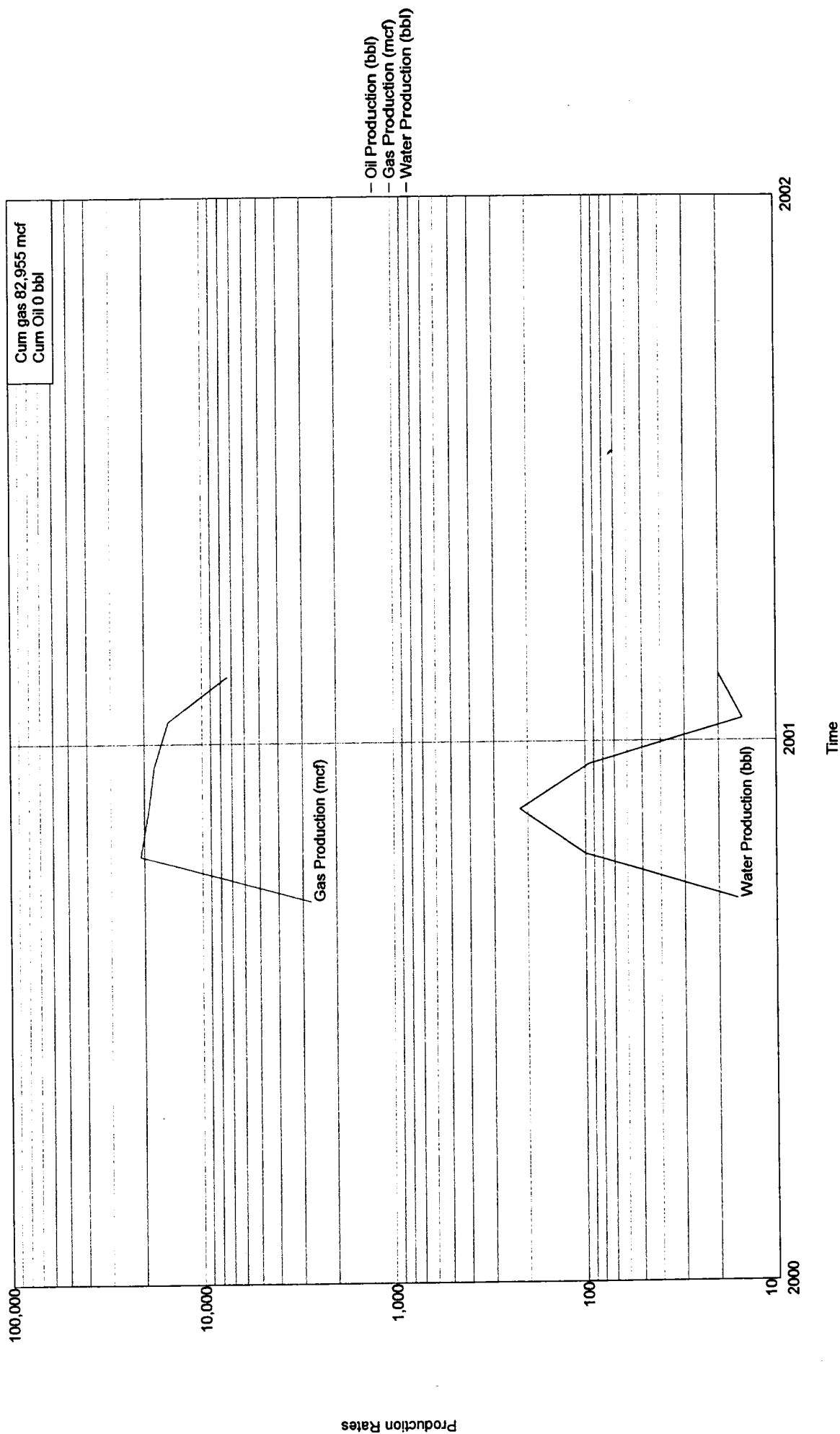
Lease Name: SAN JUAN 30-4 UNIT
 County, State: RIO ARBA, NM
 Operator: TAURUS EXPLORATION USA INCORPORATED
 Field: BLANCO
 Reservoir: MESAVERDE
 Location:

San Juan 30-4 Unit 42



Lease Name: SAN JUAN 30 4 UNIT
County, State: RIO ARBA, NM
Operator: TAURUS EXPLORATION USA INCORPORATED
Field: BLANCO EAST
Reservoir: PICTURED CLIFFS
Location: 19 30N 4W NW SE SE

PC Type Curve



Energen Resources Corp.

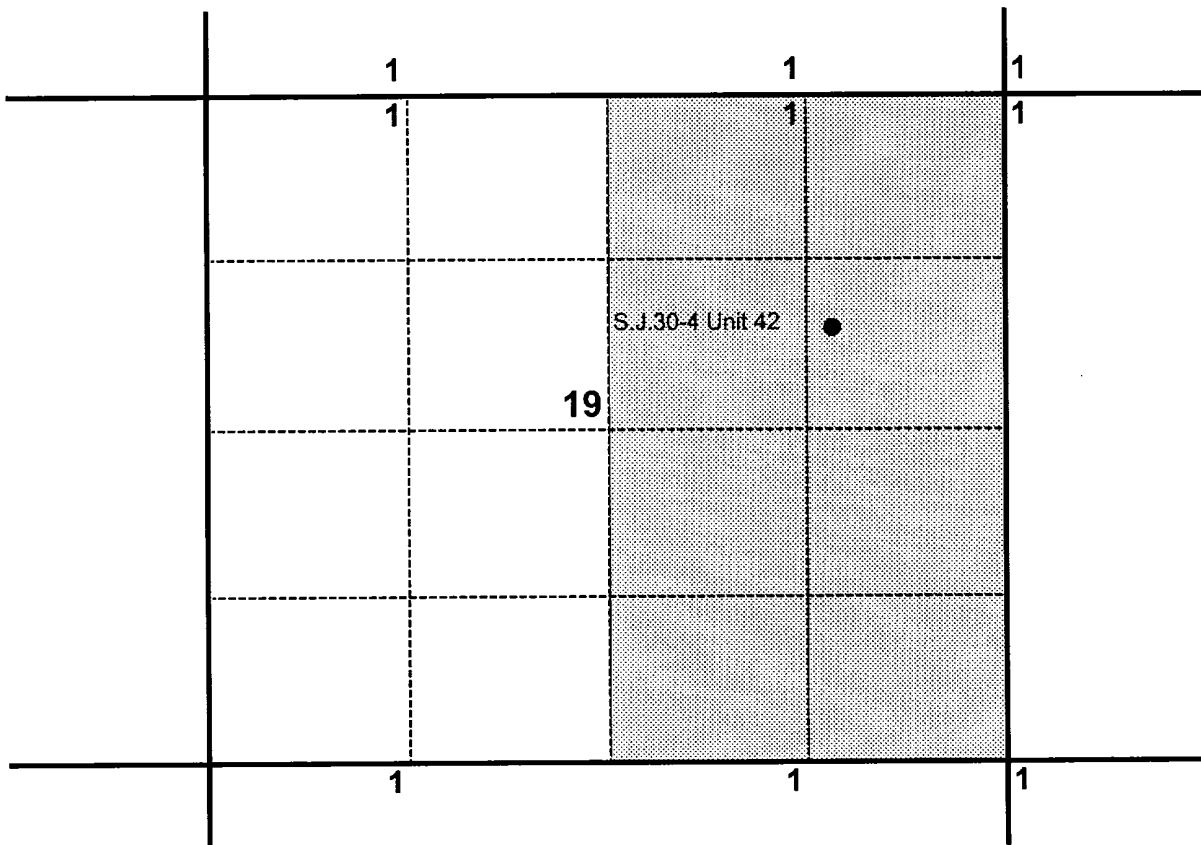
San Juan 30-4 Unit 42

Offset Operator / Ownership Plat

E. Blanco Pictured Cliffs/ Blanco Mesa Verde

Downhole Commingling

Township 30 N, Range 4 W



1) Energen Resources

DIR LISTING for Rich Corcoran, from process LD0110 (P22547)

LDO Master Owner Display

#	Owner	Name	Type	Gross	Mkng	Int	Net	Rev	Int	Pay	Code
1	20	ENERGEN RESOURCES CORP	NP	0.11837800	X						
2	20	ENERGEN RESOURCES CORP	OR	0.00271942	X						
3	2231	JANE ANN WILLIAMS	OR	0.00046888	M						
4	2302	FREDERICK EUGENE TURNER	OR	0.00019456	M						
5	2307	J GLENN TURNER JR	OR	0.00019456	M						
6	2345	ELIZABETH JEANNE CALLO	OR	0.00019456	M						
7	2465	JOHN LEE TURNER	OR	0.00019456	M						
8	2631	WILLIAM G WEBB	OR	0.00004096	M						
9	30341	CHARLES W GAY	OR	0.00002764	M						
10	30342	LORRAVYN GAY HACKER	OR	0.00002764	M						
11	31485	EVELYN G BROWN TRUST	OR	0.00023534	M						
12	31486	ALGERNON W BROWN TRUST	OR	0.00056059	M						
13	3587	DEVON ENERGY CORP (NEV	OR	0.00079592	M						
14	3620	JAMES M RAYMOND	OR	0.00055272	M						
15	3956	W G PEAVY OIL COMPANY	OR	0.00081919	M						
16	4165	DUGAN PRODUCTION CORPO	OR	0.00079593	M						
17	4188	MAR OIL & GAS CORP., I	OR	0.00189506	M						
18	4555	EJ E BROWN COMPANY	OR	0.00079593	M						
19	4597	MAYDELL MILLER MAST TR	OR	0.00005527	M						
20	5735	T H MCELVAIN OIL & GAS	OR	0.00131635	M						
21	5949	RUTH ZIMMERMAN TRUSTEE	OR	0.00026531	M						
22	6000	ROMERO FAMILY LTD PART	OR	0.00052851	M						
23	6085	THELMA POOL REV MARITA	OR	0.00079592	M						
24	6086	HAROLD O POOL TRUST	OR	0.00079593	M						
25	6282	ROBERT & FRANCES TIMMI	OR	0.00198988	M						
26	6719	BURLINGTON RESOURCES,	OR	0.00132654	M						
27	30341	CHARLES W GAY	PP	0.00000771	M						
28	30342	LORRAVYN GAY HACKER	PP	0.00000771	M						
29	3820	JAMES M RAYMOND	PP	0.00015414	M						
30	4597	MAYDELL MILLER MAST TR	PP	0.00001542	M						
31	2729	MARIA M RIBEIRA	PP	0.00241102	M						
32	3140	MINEHAIS MANAGEMENT SE	PP	0.12215060	A						
33	4892	RICHARD WILLIAM SIMMS	PP	0.00010419	M						
34	4893	MANY SIMMS SCHUTZ	PP	0.00010419	M						
35	20	ENERGEN RESOURCES CORP	PP	0.60867411	X						
36	30341	CHARLES W GAY	PP	0.00025960	M						
37	30342	LORRAVYN GAY HACKER	PP	0.00025960	M						
38	31485	EVELYN G BROWN TRUST	PP	0.00296076	M						
39	31486	ALGERNON W BROWN TRUST	PP	0.00705260	M						
40	3587	DEVON ENERGY CORP (NEV	PP	0.00747652	M						
41	3820	JAMES M RAYMOND	PP	0.00519203	M						
42	4165	DUGAN PRODUCTION CORPO	PP	0.00747652	M						
43	4188	MAR OIL & GAS CORP., I	PP	0.01780125	M						
44	4555	EJ E BROWN COMPANY	PP	0.01001336	M						
45	4597	MAYDELL MILLER MAST TR	PP	0.00051920	M						
46	5735	T H MCELVAIN OIL & GAS	PP	0.05229245	M						
47	5949	RUTH ZIMMERMAN TRUSTEE	PP	0.00249217	M						
48	6085	THELMA POOL REV MARITA	PP	0.01001336	M						
49	6086	HAROLD O POOL TRUST	PP	0.01001336	M						
50	6282	ROBERT & FRANCES TIMMI	PP	0.00250134	M						
51	6719	BURLINGTON RESOURCES,	PP	0.01246087	M						
52											
53		Totals:		1.00000000				1.00000000			

PC OWNERS

DIR LISTING for Rich Corcoran, from process LD0110 (P11807)

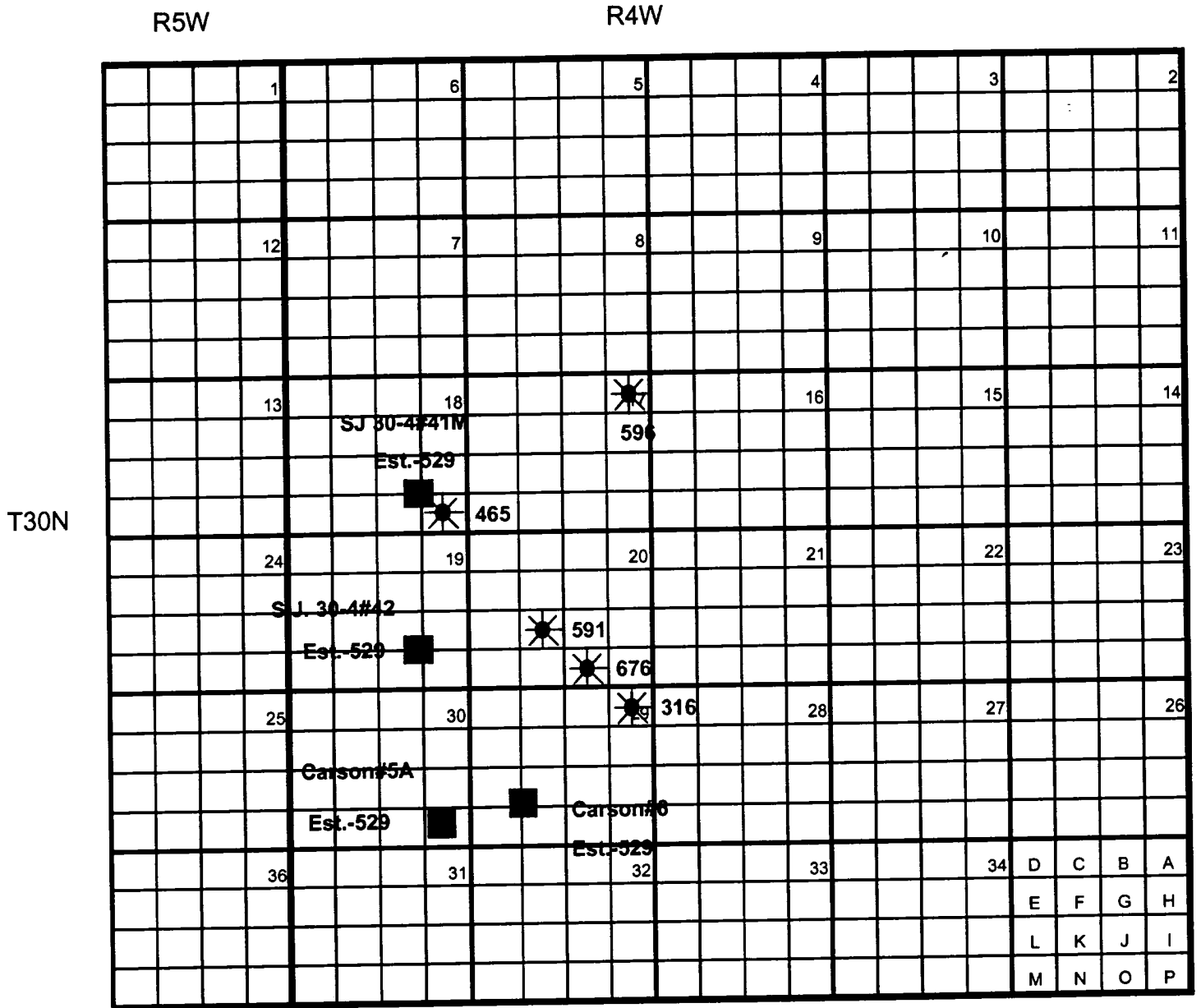
LDO Master Owner Display

#	Owner...	Name.....	Type	Gross Wkng	Int Net	Rev Int...	Pay Code
1	30341	CHARLES W GAY	RY			0.0005697 M	
2	30342	LO RRAVN GAY HACKER	RY			0.00005697 M	
3	3140	MINERALS MANAGEMENT SE	RY			0.09315546 A	
4	31485	EVELYN G BROWN TRUST	RY			0.00048510 M	
5	31486	ALGERNON W BROWN TRUST	RY			0.00115553 M	
6	3612	DEVON ENERGY PRODUCTIO	RY			0.00164062 M	
7	3820	JAMES M RAYMOND	RY			0.00113932 M	
8	4165	DUGAN PRODUCTION CORPO	RY			0.00164062 M	
9	4188	MAR OIL & GAS CORP., I	RY			0.00390625 M	
10	4555	EJ E BROWN COMPANY	RY			0.00164062 M	
11	4597	MA YDELL MILLER MAST TR	RY			0.00011393 M	
12	5735	T H MCELVAIN OIL & GAS	RY			0.00683593 M	
13	5949	RUTH ZIMMERMAN TRUSTEE	RY			0.00054687 M	
14	6085	THELMA POOL REV MARITA	RY			0.00164062 M	
15	6086	HAROLD O POOL TRUST	RY			0.00164062 M	
16	6282	ROBERT & FRANCES TINNI	RY			0.00041015 M	
17	6719	BURLINGTON RESOURCES,	RY			0.00273437 M	
18	30341	CHARLES W GAY	RI			0.00039876 M	
19	30342	LO RRAVN GAY HACKER	RI			0.00039876 M	
20	31485	EVELYN G BROWN TRUST	RI			0.00339570 M	
21	31486	ALGERNON W BROWN TRUST	RI			0.00808868 M	
22	3612	DEVON ENERGY PRODUCTIO	RI			0.01148438 M	
23	3820	JAMES M RAYMOND	RI			0.00797527 M	
24	4165	DUGAN PRODUCTION CORPO	RI			0.01148438 M	
25	4188	MAR OIL & GAS CORP., I	RI			0.02734375 M	
26	4555	EJ E BROWN COMPANY	RI			0.01148437 M	
27	4597	MA YDELL MILLER MAST TR	RI			0.00079753 M	
28	5735	T H MCELVAIN OIL & GAS	RI			0.04785156 M	
29	5949	RUTH ZIMMERMAN TRUSTEE	RI			0.00382813 M	
30	6085	THELMA POOL REV MARITA	RI			0.01148438 M	
31	6086	HAROLD O POOL TRUST	RI			0.01148438 M	
32	6282	ROBERT & FRANCES TINNI	RI			0.00287110 M	
33	6719	BURLINGTON RESOURCES,	RI			0.01914063 M	
34	20	ENERGEN RESOURCES CORP	WI			0.69548829 X	
35							
36		Totals:		1.000000000		1.000000000	

End of Report

MV OWNERS

Pictured Cliffs Current Shut-In Bottom Hole Pressure



■ PC Payadds

★ PC Well

Current BHP, psia

San Juan Unit 30-4 #42

Proposed Allocation Method

Produce total well stream for 60 days following Pictured Cliffs pay add
Pay add projected to add 100 MCFD from Pictured Cliffs

Total Stream = X

Mesaverde flow rate = 187 MCFD

MV Allocation = $187 / X$ as a percentage

PC allocation = $(X - 187) / X$ as a percentage

Rates will be reported to NMOCD- Aztec for final allocation percentage determination