

6/20/01	7/10/01	DC	KV	DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

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] or [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 further verify that all applicable API Numbers are included. 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

Gary Brink
 Print or Type Name

Signature

Title

District Superintendent

Date

6/15/01



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 #41M
807' FSL, 692' FEL, Sec. 18, T30N, R4W, N.M.P.M.
Rio Arriba County, New Mexico
API # 30-039-25917

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,

A handwritten signature in black ink, appearing to read "Gary W. Brink", written over a horizontal line.

Gary W. Brink
Production Superintendent

GWB/vd

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

TYPE OR PRINT NAME GARY BLINK TELEPHONE NO. (505) 325-6800

District I
 170 Box 1980, Hobbs, NM 88241-1980
 District II
 811 South First, Artesia, NM 8210
 District III
 1000 Rio Hrazna 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 30-039-25917		2. Pool Code 72400/72319		3. Pool Name E Blanco Pictured Cliffs/ Blanco Mesa Verde	
4. Property Code 21994		5. Property Name SAN JUAN 30-4 UNIT			6. Well Number 41 M
7. OGRID No. 162928		8. Operator Name Energen Resources			9. Elevation 7416

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	30N	4W		807	SOUTH	692	EAST	RIO ARriba

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 269.56460	13. Joint or Infill	14. Consolidation Code	15. 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

	<p>16</p> <p>LOT 1</p> <p>WEST 4445.76</p> <p>LOT 2</p> <p>5280.0 SOUTH</p> <p>LOT 3</p> <p>5280.0 SOUTH</p> <p>LOT 4</p> <p>5280.0 SOUTH</p> <p>WEST 4448.40</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>[Signature]</i></p> <p>Signature</p> <p>Garv W. Brink</p> <p>Printed Name</p> <p>Production Superintendent</p> <p>Title</p> <p>6/13/01</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>4-24-98</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>Professional Surveyor</p>	
	<p>19</p> <p>WEST 4448.40</p>	
	<p>20</p> <p>WEST 4448.40</p>	

San Juan Unit 30-4 #41M

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 = 150 MCFD

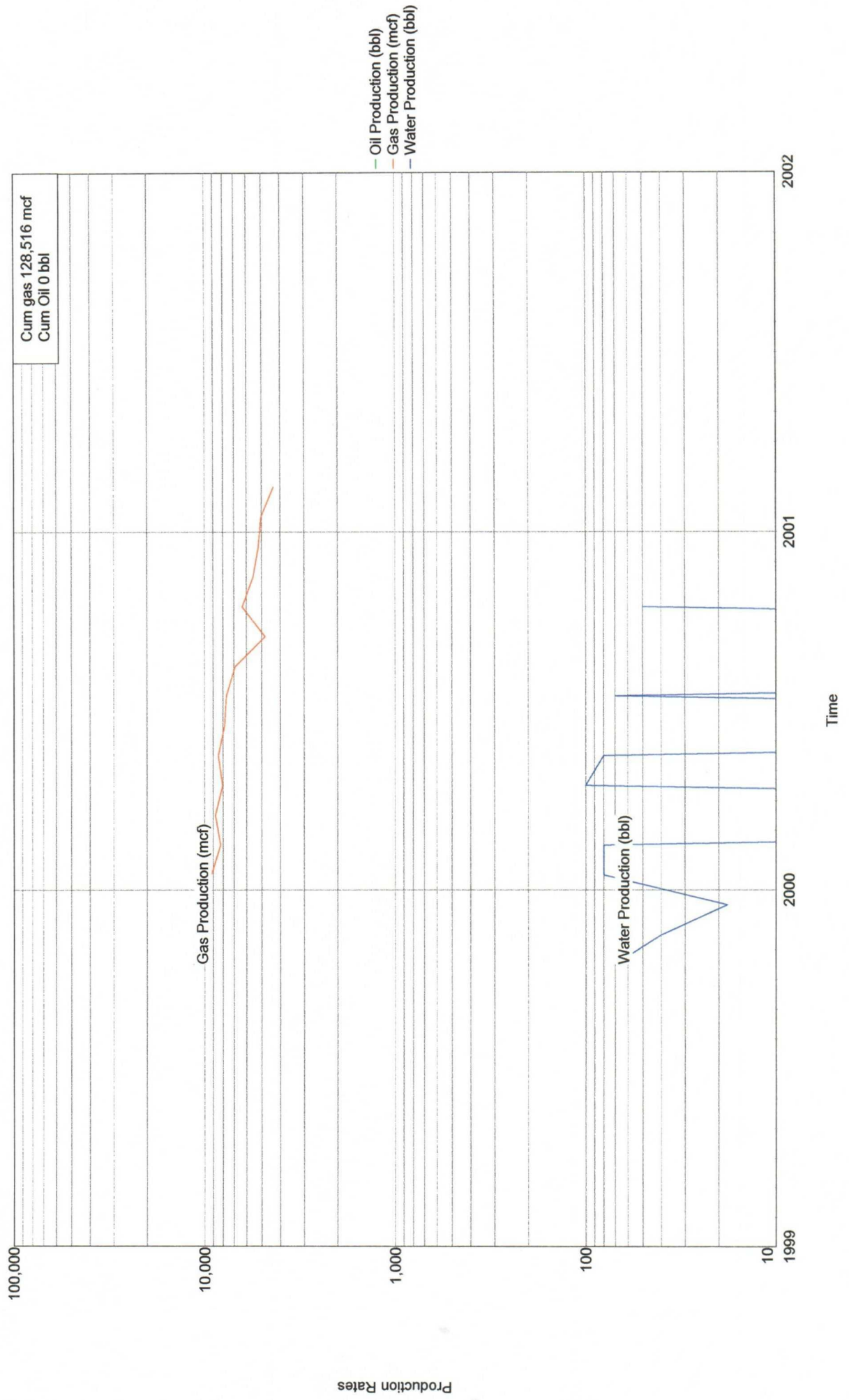
MV Allocation = $150 / X$ as a percentage

PC allocation = $(X - 150) / X$ as a percentage

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

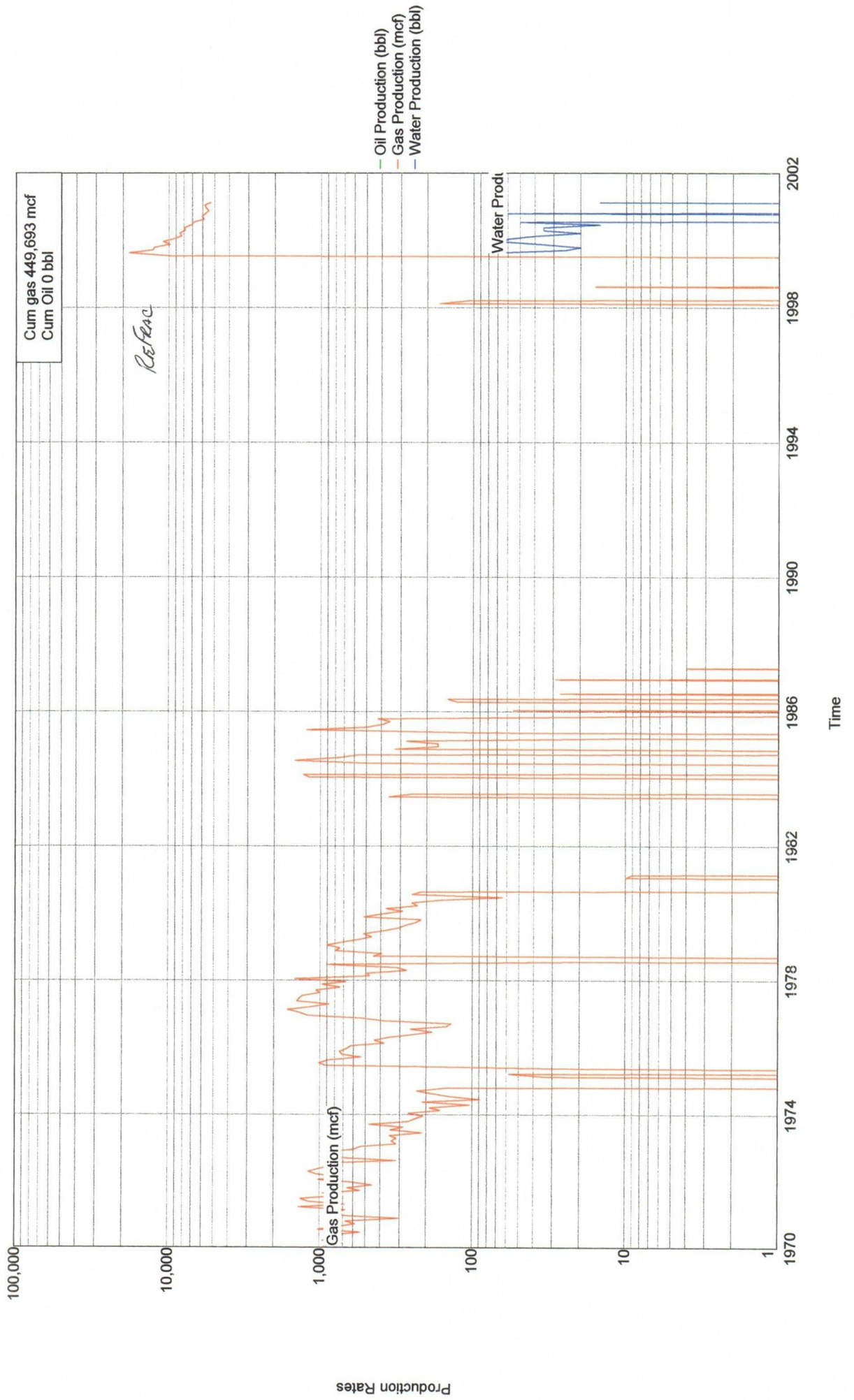
Lease Name: SAN JUAN 30 4 UNIT
County, State: RIO ARBA, NM
Operator: TAURUS EXPLORATION USA INCORPORATED
Field: BLANCO
Reservoir: MESAVERDE
Location: 18 30N 4W NW SE SE

San Juan 30-4 Unit 41M



Lease Name: SAN JUAN 30 4 UNIT
County, State: RIO ARBA, NM
Operator: TAURUS EXPLORATION USA INCORPORATED
Field: BLANCO EAST
Reservoir: PICTURED CLIFFS
Location: 18 30N 4W SW

PC Type Curve



Energen Resources Corp.

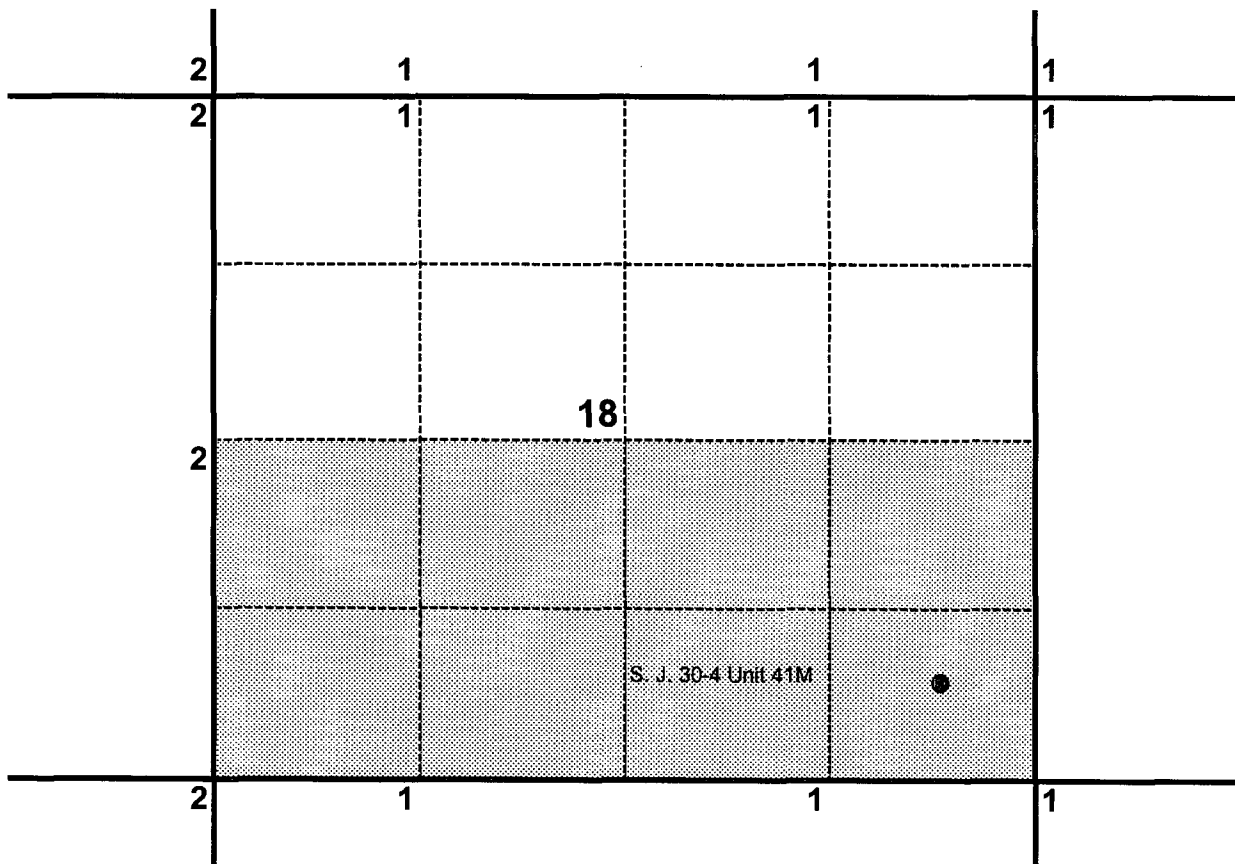
San Juan 30-4 Unit 41M

Offset Operator / Ownership Plat

E. Blanco Pictured Cliffs/ Blanco Mesa Verde

Downhole Commingling

Township 30 N, Range 4 W



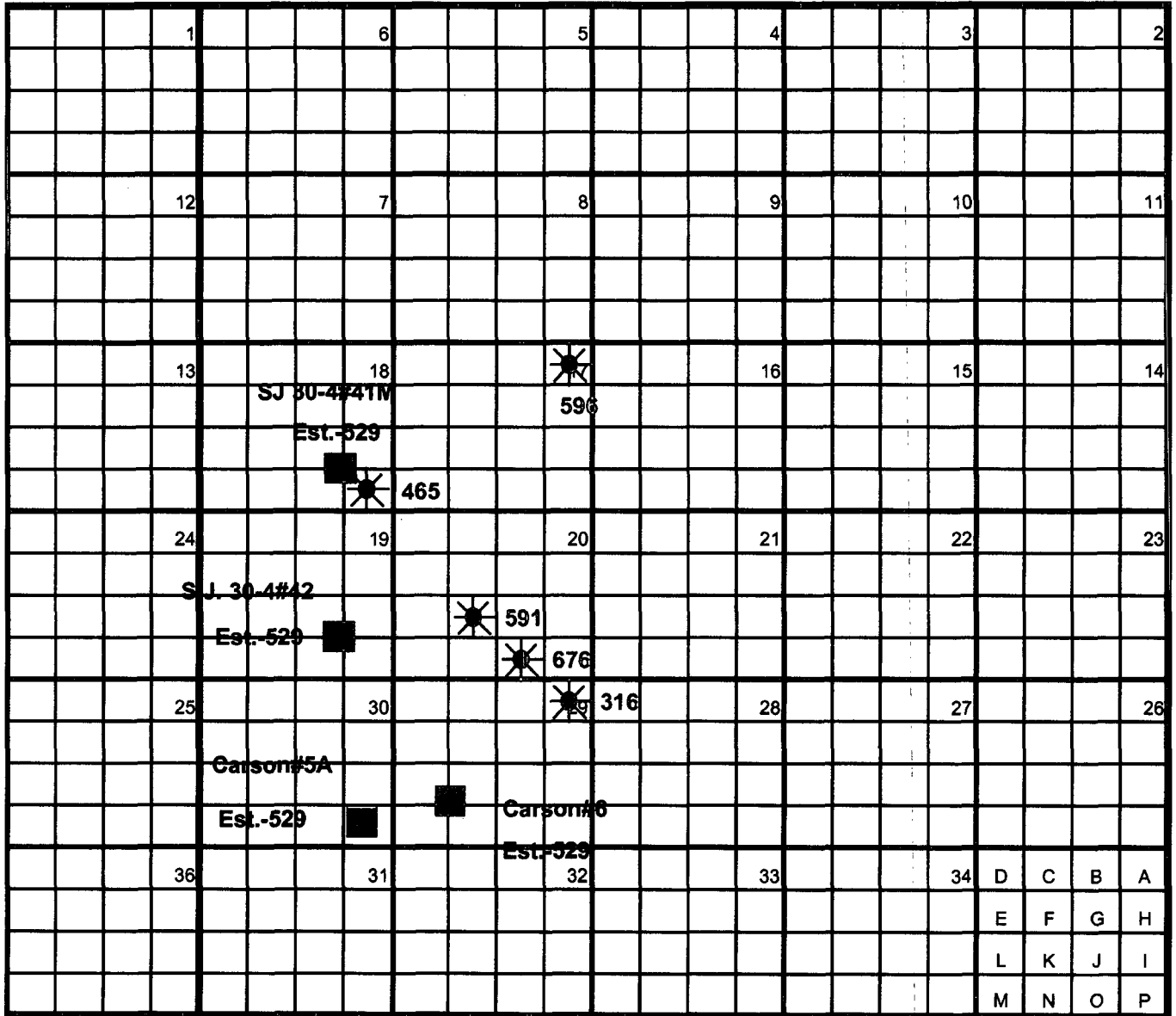
- 1) Energen Resources
- 2) Phillips Petroleum
5525 Highway 64
Farmington, N.M. 87401

Pictured Cliffs Current Shut-In Bottom Hole Pressure

R5W

R4W

T30N



PC Payadds



PC Well

Current BHP, psia

DIR LISTING for Rich Corcoran, from process LDO110 (P22547)

LDO Master Owner Display

#	Owner.....	Name.....	Type	Gross Wkg	Int	Net	Rev	Int...	Pay Code
1	20	ENERGEN RESOURCES CORP NP	OR	0.11837800	X				
2	20	ENERGEN RESOURCES CORP OR	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	LORRAYN 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	ALGERNON W BROWN TRUST ✓	OR	0.00079592	M				
14	3820	JAMES M RAYMOND ✓	OR	0.00055272	M				
15	3956	W G PEAVY OIL COMPANY ✓	OR	0.00081919	M				
16	4165	DUGAN PRODUCTION CORP ✓	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	OR	0.00331635	M				
21	5949	RUTH ZIMMERMAN TRUSTEE OR	OR	0.00026531	M				
22	6000	ROMERO FAMILY LTD PART OR	OR	0.00052851	M				
23	6085	THELMA POOL REV MARITA OR	OR	0.00079592	M				
24	6086	HAROLD O POOL TRUST	OR	0.00079593	M				
25	6282	ROBERT & FRANCES TINNI OR	OR	0.00019898	M				
26	6719	BURLINGTON RESOURCES, OR	OR	0.00132654	M				
27	30341	CHARLES W GAY	PP	0.00000771	M				
28	30342	LORRAYN 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 RIBERA	RY	0.00243302	M				
32	3140	MINERALS MANAGEMENT SE RY	RY	0.12235860	A				
33	4892	RICHARD WILLIAM SIMMS RY	RY	0.00010419	M				
34	4893	MARY SIMMS SCHUTZ	RY	0.00010419	M				
35	20	ENERGEN RESOURCES CORP RI	RI	0.85121301	X				
36	30341	CHARLES W GAY	RI	0.00025960	M				
37	30342	LORRAYN GAY HACKER	RI	0.00022715	M				
38	31485	EVELYN G BROWN TRUST	RI	0.00259066	M				
39	31486	ALGERNON W BROWN TRUST	RI	0.00705260	M				
40	3587	ALGERNON W BROWN TRUST ✓	RI	0.00747652	M				
41	3820	JAMES M RAYMOND	RI	0.00519203	M				
42	4165	DUGAN PRODUCTION CORP	RI	0.00747652	M				
43	4188	MAR OIL & GAS CORP	I RI	0.01780125	M				
44	4555	EJ E BROWN COMPANY	RI	0.01001336	M				
45	4597	MAYDELL MILLER MAST TR	RI	0.00051920	M				
46	5735	T H MCELVAIN OIL & GAS RI	RI	0.05229245	M				
47	5949	RUTH ZIMMERMAN TRUSTEE RI	RI	0.00249217	M				
48	6085	THELMA POOL REV MARITA RI	RI	0.01001336	M				
49	6086	HAROLD O POOL TRUST	RI	0.01001336	M				
50	6282	ROBERT & FRANCES TINNI RI	RI	0.00250334	M				
51	6719	BURLINGTON RESOURCES, RI	RI	0.01246087	M				
52									
53		Totals:		1.00000000				1.00000000	

PL OWNERS

* PROVIDENCE MINERALS

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

LDO Master Owner Display

#	Owner.....	Name.....	Type	Gross	Wing	Int	Net	Rev	Int....	Pay	Code
1	30341	CHARLES W GAY	RY					0.00005697	M		
2	30342	LORRAYN GAY HACKER	RY					0.00005697	M		
3	3140	MINERALS MANAGEMENT SE	RY					0.09935546	A		
4	31485	EVELYN G BROWN TRUST	RY					0.00048510	M		
5	31486	ALGERNON W BROWN TRUST	RY					0.00115553	M		
6	3612	ALGERNON W BROWN TRUST	RY					0.00164062	M		
7	3820	JAMES M RAYMOND	RY					0.00113932	M		
8	4165	DUGAN PRODUCTION CORP	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	MAYDELL 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	RY					0.00039876	M		
19	30342	LORRAYN GAY HACKER	RY					0.00039876	M		
20	31485	EVELYN G BROWN TRUST	RY					0.00339570	M		
21	31486	ALGERNON W BROWN TRUST	RY					0.00808868	M		
22	3612	ALGERNON W BROWN TRUST	RY					0.01146438	M		
23	3820	JAMES M RAYMOND	RY					0.00797527	M		
24	4165	DUGAN PRODUCTION CORP	RY					0.01146438	M		
25	4188	MAR OIL & GAS CORP, I	RY					0.02734375	M		
26	4555	EJ E BROWN COMPANY	RY					0.01146437	M		
27	4597	MAYDELL MILLER MAST TR	RY					0.00079753	M		
28	5735	T H MCELVAIN OIL & GAS	RY					0.04785156	M		
29	5949	RUTH ZIMMERMAN TRUSTEE	RY					0.00382813	M		
30	6085	THELMA POOL REV MARITA	RY					0.01146438	M		
31	6086	HAROLD O POOL TRUST	RY					0.01146438	M		
32	6282	ROBERT & FRANCES TINNI	RY					0.00287110	M		
33	6719	BURLINGTON RESOURCES,	RY					0.01914063	M		
34	20	ENRGEN RESOURCES CORP	WI					0.79484375	X		
35											
36		Totals:						1.00000000			

End of Report

MV OWNERS