

- 7/2/99	- 7/22/99	- DC	- W	- DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

2399

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, U, 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 BEINK
Print or Type Name

Signature

Title

Production Supt.

6/30/99
Date



July 1, 1999

Ms. Lori Wrotenberry
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Administrative Approval to Downhole Commingle
Energen Resources Corporation
San Juan 32-5 Unit #14 Well
1850' FNL, 660' FEL, Sec. 26, T32N, R6W, N.M.P.M.
Rio Arriba County, New Mexico

Dear Ms. Wrotenberry:

Energen Resources Corporation, requests administrative approval to downhole commingle the Blanco Mesaverde and Basin Dakota pools in the subject well. The well is currently producing as a Mesaverde/Dakota dual completion. The Mesaverde zone has experienced liquid loading problems and it is felt downhole commingling will eliminate excessive operational problems and allow the Dakota flow stream to aid in keeping the Mesaverde zone unloaded and producing.

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

1. For C107A - Application for Downhole Commingling
2. C-102 - Location plat showing each spacing unit and dedicated acreage
3. Production curves for both the Mesaverde and Dakota
4. Offset operator plat
5. Well location plat
6. List of working, overriding and royalty interest owners

In accordance to New Mexico Oil Conservation Division Rule 303C, all offset operators, working interest and royalty owners are being notified of this application by certified mail.

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/mt

cc: NMOCD - Aztec, BLM-Farmington, Offset Operators
F:\MONICA\PRODUCT\OCD\SJ32-5U13R 3-99.DOC

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 S. First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 875054-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway, Farmington, NM 87401
Operator Address
San Juan 32-5 Unit 14 H Sec. 26 T32N R6W Rio Arriba
Lease Well No. Unit Ltr. - Sec - Twp - Rge County
OGRID NO. 162928 Property Code 21996 API NO. 30-039-07990 Spacing Unit Lease Types: (check 1 or more)
Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	5436 - 5760		7846 - 7991
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 533 Calc. b. (Original) 1436 Calc.	a. b.	a. 569 Calc. b. 3611 Calc.
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content)	1000 BTU		986 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	No		No
* If Shut-In, give 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 * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates: Date: 6/7/99 Rates: 0/84/.1	Date: Rates: Date: Rates:	Date: Rates: Date: 6/9/99 Rates: 0/122/0
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0 % Gas: 41 %	Oil: % Gas: %	Oil: 0 % Gas: 59 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☒ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well in on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____
16. 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 all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Gary W. Brink TITLE Prod. Superintendent DATE 6/30/99
TYPE OR PRINT NAME Gary W. Brink TELEPHONE NO. (505) 325-6800

District I
PO Box 1980, Hobbs, NM 88241-1980

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

District II
811 S. 1st Street, Artesia, NM 88210-2834

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-07990	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 21996	⁵ Property Name San Juan 32-5 Unit	⁶ Well Number 14
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 6348' GL

¹⁰ Surface Location									
UL or lot no. H	Section 26	Township 32N	Range 6W	Lot. Idn	Feet from the 1850	North-South Line North	Feet from the 660	East-West line East	County 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 320/320	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

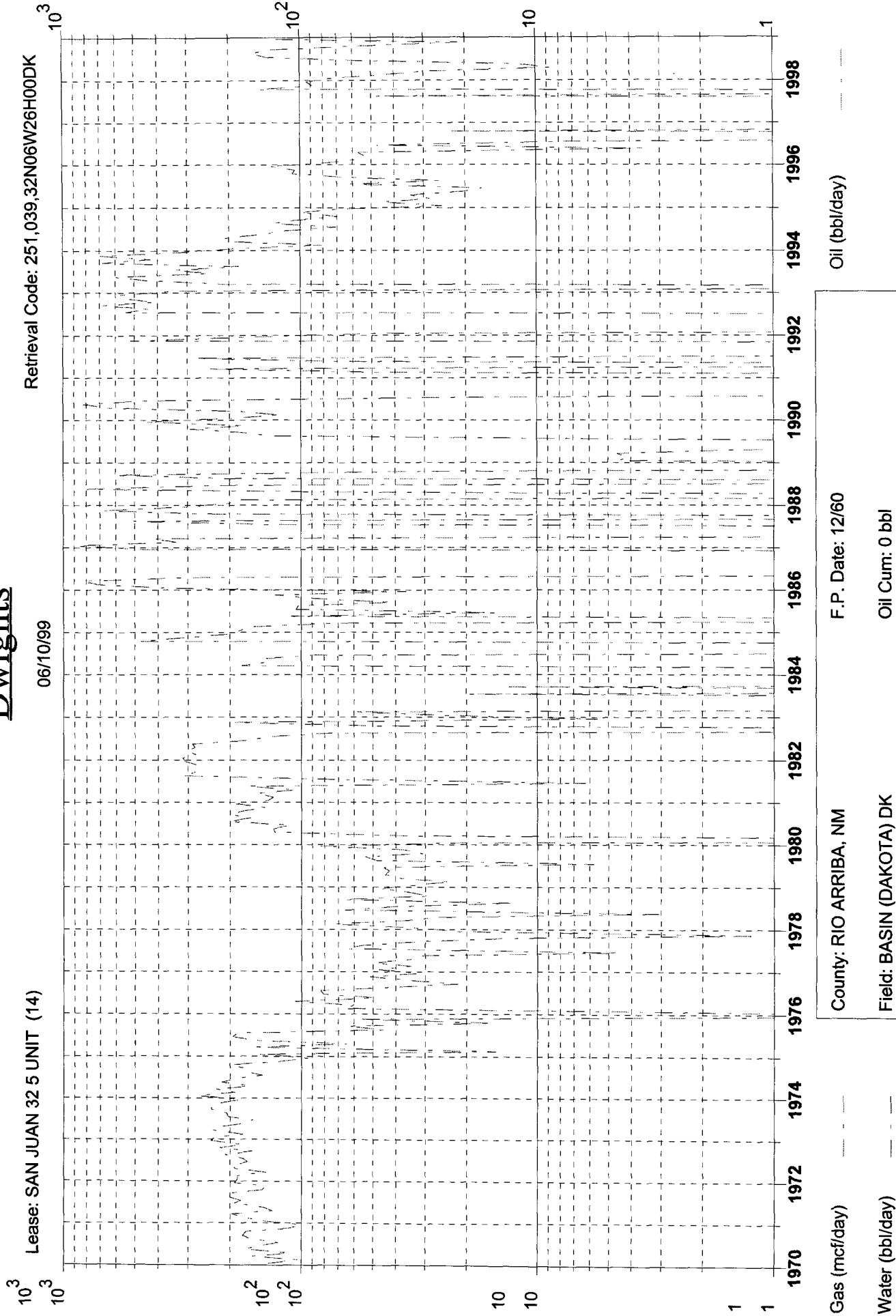
	¹⁷ OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature Gary W. Brink Printed Name Production Superintendent Title 6/30/99 Date	
	¹⁸ SURVEYOR CERTIFICATION	
	I hereby certify that the well location shown 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.	
	Date of Survey 8/29/99 Signature and Seal of Professional Surveyor: Reissue of Original Survey By James P. Lease	
	Certificate Number	

Dwights

Lease: SAN JUAN 32 5 UNIT (14)

Retrieval Code: 251,039,32N06W26H00DK

06/10/99



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

F.P. Date: 12/60

Oil Cum: 0 bbl

Gas Cum: 2511 mmcf

Location: 26H 32N 6W

County: RIO ARRIBA, NM

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

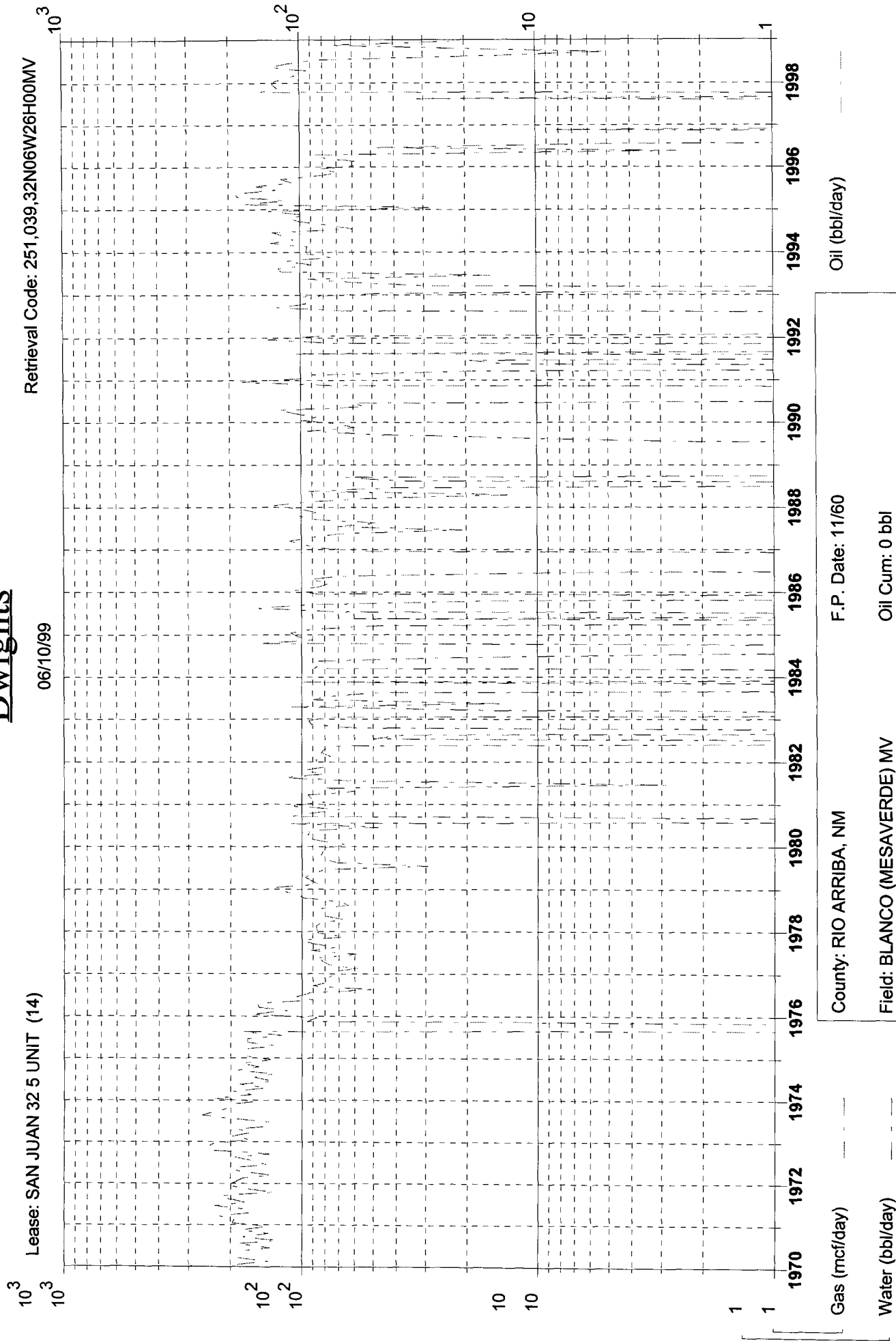
Operator: ENERGEN RESOURCES

Dwights

Lease: SAN JUAN 32 5 UNIT (14)

06/10/99

Retrieval Code: 251,039,32N06W26H00MV



Gas (mcf/day)

Water (bbl/day)

F.P. Date: 11/60

Oil Cum: 0 bbl

Gas Cum: 1598 mmcf

Location: 26H 32N 6W

County: RIO ARRIBA, NM

Field: BLANCO (MESAVARDE) MV

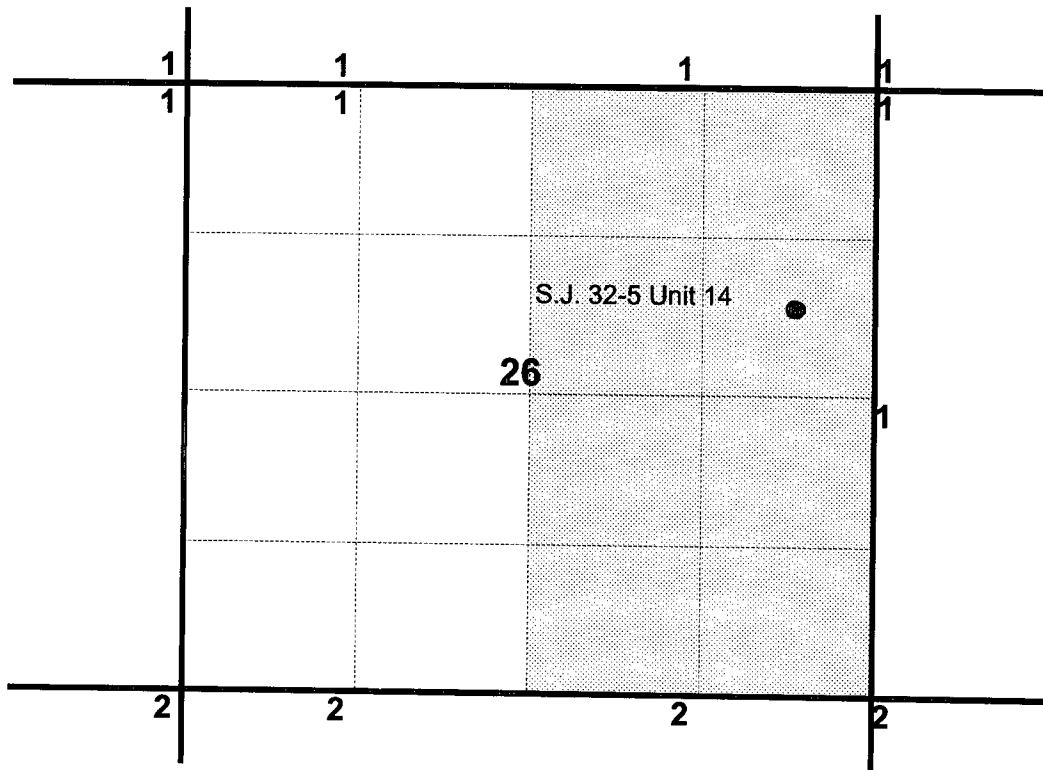
Reservoir: MESAVARDE

Operator: ENERGEN RESOURCES

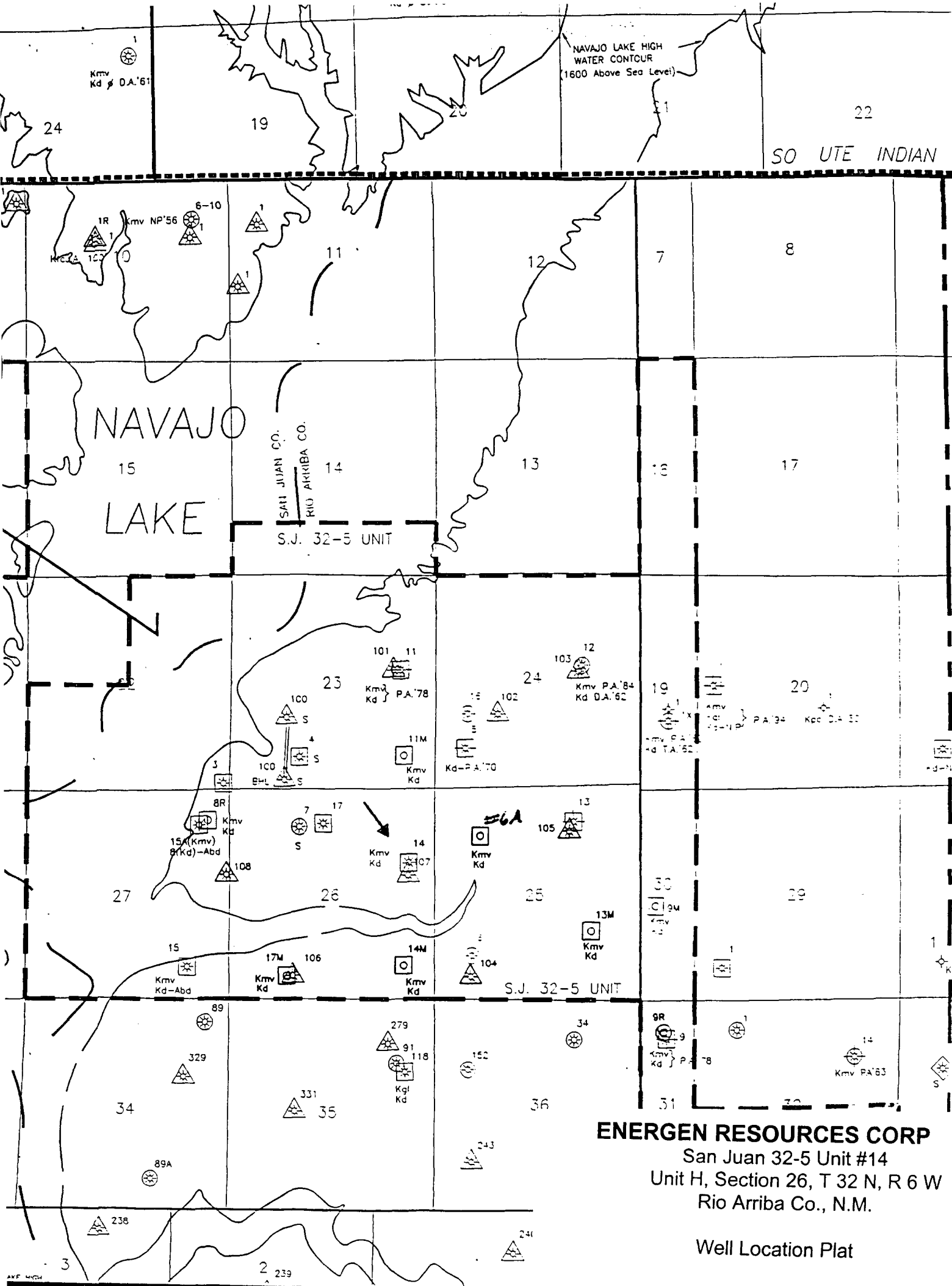
Energen Resources Corp.

San Juan 32-5 Unit #14
Offset Operator / Ownership Plat
Blanco Mesa Verde/ Basin Dakota
Downhole Commingling

Township 32 N, Range 6 W



- 1) Energen Resources Corporation
- 2) Williams Production Co.
3102 37-4
1 Williams Center
Tulsa, Ok 74101



ENERGEN RESOURCES CORP

San Juan 32-5 Unit #14

Unit H, Section 26, T 32 N, R 6 W

Rio Arriba Co., N.M.

Well Location Plat

San Juan 32-5 Unit Working Interest Owners

Alan H Kolz Trustee
174 Westgate Circle
Santa Rosa, CA 95401

Antonio Jose Martinez
1612 South Glenmary
Aztec, NM 87410

Barbara Kaiser
7778 Dusk St.
Littleton, CO 80125

Benson Montin Greer
4900 College Blvd.
Farmington, NM 87402

Bonnie L. Hart
5737 E. 22nd Place
Tulsa, OK 74114

Carl Dellinger
3605 Britt NE
Albuquerque, NM 87111

Chase Oil Corporation
PO Box 1767
Artesia, NM 88211-1767

Chuck D. West
7882 S. Ogden Court
Littleton, CO 80122

David B. Quintana
RR 1 Box 315
Earth, TX 79031

Dorothea J. Caufield Trust
14647 Ranchview Terrace
Chino Hills, CA 91709-4345

Dorothy Dean Gibbons Estate
Rt 3, PO Box 281
Warsaw, MO 65355

Dr. Curtis Webb Caine
712 Forest Point Drive
Brandon, MS 39042

Dr. Frank Alton Wood
4026 Oakridge Drive
Jackson, MS 39216

Elizabeth Jeanne Calloway
JGT Estate
4801 St. Johns Drive
Dallas, TX 75205-3143

Elizabeth Calloway
4801 St. Johns Drive
Dallas, TX 75205-3143

Eugene E. Beatty
F/A/O Eugene E Beatty
PO Box 12019
Austin, TX 78711

Frederick Eugene Turner
Oil and Gas Investments
One Energy Square, Suite 852
4925 Greenville Ave.
Dallas, TX 75206-4079

Gayle K. Hamilton Agent
PO Box 1133
Shreveport, LA 71163-1133

Glen W. Johnson, Jr. Est
10 Friar Tuck Circle
Summit, NJ 07901

Hampton Young
PO Box 20186
Graeagle, CA 96103-1186

Henrietta E. Schultz
500 N. Akard St. #2160
Dallas, TX 75201

Inez Quintana
Trustee Under TR A
PO Box 51
Ignacio, CO 81137

J. Glenn Turner, Jr.
3131 Turtle Creek Blvd.
Suite 1201
Dallas, TX 75219-5415

John Lee Turner
PO Box 33610
Kerrville, TX 78029-3610

Jose N. Quintana
PO Box 652
Pagosa Springs, CO 81197

Laura Jean West Amman
3845 Dyanna Drive
Thornton, CO 80221

Lee Ross Allison
4135 Dogwood Drive
Jackson, MS 39211

San Juan 32-5 Unit Working Interest Owners

Linda D. Cundiff
2441 County Road 329
Ignacio, CO 81131

Lois Beatty
Attn: Louis Acevedo
4050 Alpha Rd. MC 5501 NWSAT
Farmers Branch, TX 75244

Louisa Quintana
PO Box 661
Ignacio, CO 81137

Mary Francis Pisareff
266 Granada Road
est Palm Beach, FL 33401-8018

Mary Francis Turner, JR TR
PO Box 200890
Houston, TX 77216-0890

Olivia Lawhead
716 Hall Street
Eaton Rapids, MI 48827

Ophelia Candelaria
PO Box 465
Blanco, NM 87412

Pete Millich and Della E
Joint Tenants
12084 Hwy 151
Ignacio, CO 81137

Sally Francis Ross Martin
PO Box 1096
Madison, MS 39130-1096

Sara B. Sanchez
1625 Bonforte Blvd, Apt B11
Pueblo, CO 81001-1667

Sheran N. Marron
5065 Arroyo Chamesa NE
Albuquerque, NM 87111

Turner Production Co.
4925 Greenville Ave.
Dallas, TX 75206

Wade E. Young
PO Box 1189
Magalia, CA 95954

William G. Webb
8226 Douglas Ave, Suite 709
Dallas, TX 75225-5929

Adela Mascarenas Quintana
1794 County Rd. 314
Ignacio, CO 81137

Aida Mascarenas
157 Cicotte
Ecorse, MI 48229

Albert Martinez
PO Box 4
Chromo, CO 81128

Angelina R. Shull
PO Box 268
Jeffrey City, WY 82310

Anthony Dominick Sanchez
PO Box 725
Ignacio, CO 81137

Arthur J. Sanchez
PO Box 725
Ignacio, CO 81137

Betty S. Lewis
4917 Greenbriar
Corpus Christi, TX 78413

Candido P. Mascarenaz
4813 W. Odell Drive
West Valley, UT 84120

Constance A. Kuncicky
4225 US Hwy A1A S
Saint Augustine, FL 32084-7422

Dale Branning
101 Colonial St.
Evenston, WY 82930

David A. Miller
Lot #64
Leesburg, VA 20175-3713

Eleanor Bennett
4408 W. 6060 S.
Salt Lake City, UT 84118

Eleanor D. Shira
2001 W. 2nd
Rifle, CO 81650

San Juan 32-5 Unit Working Interest Owners

Eleanor M. Calderon
PO Box 176
Hesperus, CO 81326

Elliott Industries
PO Box 1355
Roswell, NM 88202

Elliott Hall Company
PO Box 1231
Ogden, UT 84402

Enriques Espinosa Decd
PO Box 704
Pagosa Springs, CO 81147-0704

Eve E. Buchanan
956 Acapulco Court
Colorado Springs, CO 80910

Gayle O'Flattery
2003 Gorham Park Ave.
Billings, MT 59102

Georgia Chavez
PO Box 46
Pagosa Springs, CO 81147

Gerardo L. Sanchez
PO Box 229
Ignacio, CO 81137

H.F. Axtell & Freda Axtell
101 Rio Vista Circle
Durango, CO 81301

John M. Mascarenas
2849 Woodbine Ave.
Fullerton, CA 92635

John Tranquilino Mascarenas
29631 42nd Place S.
Auburn, WA 98001

Jose Salvador Martinez
PO Box 772
Pagosa Springs, CO 81147

Laurie Kramer
2240 Honda Ave.
Elko, NV 89801

Lawrence Mascarenaz
932 Kensington Ave.
Salt Lake City, UT 84115

Lidia M. Martinez
HC 3, Box 11
Pagosa Springs, CO 81147

Linda A. Seykora
2002 E. 4th St.
Greenville, NC 27834

Madeline M. Espinosa
718-154 Sycamore Ave.
Vista, CA 92083

Magdalena Espinosa
2001 W. 2nd St. Trlr 1
Rifle, CO 81650-2638

Marty Mascarenaz
3685 Alveron Drive
Bennion, UT 84118

Mary L. Selman
County Rd. 5173, Space 26
Farmington, NM 87401

Olive Campos
901 Storm Mountain Dr. #216
Salt Lake City, UT 84123-3444

Ramona Calder
4131 W. 5700 South
Kearns, UT 84118

Ray Thomas Sanchez
PO Box 1584
Durango, CO 81301

Raynel A. Martinez
15020 County Rd 500
Pagosa Springs, CO 81147

Robert W. Austin
PO Box 37
Cookeville, TN 38503

Ronald M. Miller
PO Box 112
Bayfield, CO 81122

Rosalie Martinez
2567 N. 400 W #15
Layton, UT 84041

San Juan 32-5 Unit Working Interest Owners

Sidwell Minerals Trust
621 17th St., Suite 805
Denver, CO 80293

Susan Nelson
4889 W. Niagra Way
Kearns, UT 84118

Teresa M. Salazar
7560 Misty Glenn
Boise, ID 83709

Tina Rose
5386 S. 5200 W.
Kearns, UT 84118

Trudy M. Padillo
7643 West 98th
Broomfield, CO 80020

Vera P. Maddy
718-154 Sycamore Ave.
Vista, CA 92083

Verna R. Espinosa
Rose A. Sanchez
803 La Plata Ave.
Aztec, NM 87410

Vernon Velasquez
PO Box 415
Glenrock, WY 82637

Viola Mascarenas Lucero
PO Box 841
Bloomfield, NM 87413

Wayde A. Espinosa
2538 Cindy Circle
Elko, NV 89801

Williams Production Co.
One Williams Center
PO Box 3102
Tulsa, OK 74101