



New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph. D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



Sharon R. Zubrod
Manager, Stakeholder Engagement and
Regulatory Affairs
ConocoPhillips Company
San Juan Business Unit
Phone: (505) 326-9793
Email: Sharon.R.Zubrod@conocophillips.com

March 6, 2012

Dear Ms. Zubrod,

The Oil Conservation Division ("Division") is in receipt of your request to beneficially use produced water to fracture treat the Nye SRC #13N API # 30-045-35304, UL-O, Sec 12, Twn 30N, R11W. In granting this beneficial use the Division agrees and requires that:

1. The aquifer is an exempted aquifer because it does not currently serve as a source of drinking water, and that cannot now and will not in the foreseeable future serve as a source of drinking water because it is hydrocarbon producing. 19.15.2.7.E.5 NMAC
2. The water samples from the producing wells adjacent to Nye SRC #13N have an average TDS higher than the produced water Conoco is proposing to Frac with.
3. The produced water ConocoPhillips proposes to use for well stimulation is less than 11,000 ppm TDS.
4. The produced water ConocoPhillips proposes to use in its pilot test is half the TDS of fluid used in a standard conventional well stimulation.
5. Notification is required to be given to the district office 24-72hrs prior to the commencement of hauling the produced water and shall include a schedule with beginning and ending dates.
6. All trucks hauling produced water to the location must have a copy of their approved C-133 and a copy of this letter in the truck.
7. This letter is to be in the trucks authorized to haul the produced water only for the time periods supplied in the required notification.



March 6, 2012

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8. Conoco is only authorized to haul water from downstream of the Vasely SWD #2 (API # 30-045-29936) second stage filtration system, which can be loaded into the trucks at the Vasely SWD #2 facility or the Mar Vista SWD #1 (API # 30-045-35126) facility.
9. Conoco is required to keep a log of the loads of produced water taken to the location and have it available upon request.
10. This approval will expire on April 30st, 2012

If you have any further questions, please feel free to contact Brandon Powell at Brandon.Powell@state.nm.us or 505-334-6178 xt 116.

Sincerely,



Charlie Perrin
Aztec District Manager
1000 Rio Brazos Road
Aztec, NM 87410

RCVD MAR 1 '12
OIL CONS. DIV.
DIST. 3



San Juan

Request for Alternative Use of Produced Water

Nye SRC #13N

Revision 2
February 28, 2012

Submitted by:

A handwritten signature in black ink, appearing to read "Douglas Montoya".

Douglas Montoya
Senior Completion Engineer

A handwritten signature in black ink, appearing to read "Paul Marken".

Paul Marken
Completion Supervisor

Request for Alternative Use of Produced Water

1. COPC wishes to use 100% produced water as a base fluid for our stimulation of the Nye SRC #13N. Plans are to use only this water to stimulate the Mesa Verde, and Dakota zones. The stimulation job will be completed no later than April 30, 2012. The legal description for the Nye SRC #13N is as follows:

**Location: 36° 49' 19.477"N 107° 56' 20.076" W ; T30N R11W Sec 12 Unit O
API: 3004535304**

2. The source of the produced water for this alternative use pilot test will be the Vasaly SWD #2. The water will be taken downstream from the second stage filtration, just upstream from the injection wellhead. This treated and filtered water will be transferred by pipeline to two 500 Bbl holdings tanks located on the Mar Vista SWD #1. Vacuum trucks will then haul this water to the Nye SRC #13N. This will be a mixture of produced water from Dakota, Mesa Verde, Pictured Cliff and Fruitland formations. Historic water sample from the Vasaly SWD #2 have averaged less than of 11,000 ppm TDS. A recent water analysis of Vasaly SWD #2 is attached as appendix A. The Vasaly SWD #2 is 100% owned by ConocoPhillips.

3. We anticipate no compatibility issues with the use of this fluid. The bulk of the water at this disposal well is coming from the same formations we

will be stimulating. API water analyses of this water source indicate negligible scaling tendencies. Water samples from the Vasaly Com #1M, Marx Fed #1, Bruington LS #4P and Bruington gas C #1E which are adjacent to the Nye SRC #13N, and are completed in the same target formations (MV, DK) as the Nye SRC #13N are attached in appendix B. Compatibility analysis from mixing Vasaly SWD #2 water with samples from the adjacent producing wells at three different mix ratios (25% / 75%, 50% / 50%, 75% / 25%) is also attached in appendix B.

4. A list of the wells disposing of water at the Vasaly SWD #2 is attached in Appendix C.

5. We anticipate that we will use approximately 2,800 bbls of water to stimulate this well.

6. We will be storing the produced water on location in seven (7) 400 bbl frac tanks.

7. All fluids flowed back after the stimulation will be contained in a flowback tank, then transported to an approved disposal facility.

APPENDIX A

Water Analysis Vasaly SWD #2

Baker Hughes

Production Water Analysis for

ConocoPhillips FARMINGTON, Vasaly SWD #2 ,Drilling

Representative: Sheperd, Dave

Sample Date: 10/11/2011

Lab Test No: 2011131240

Specific Gravity:	1.007	
TDS:	9592	
pH:	6.34	
Cations	mg/L	as:
Calcium:	52.49	Ca
Magnesium:	14.34	Mg
Sodium:	2774	Na
Iron:	2.54	Fe
Barium:	3.5	Ba
Strontium:	8.58	Sr
Manganese:	0	Mn
Anions	mg/L	as:
Bicarbonate:	762	HCO3
Carbonate:	0	CO3
Sulfate:	350	SO4
Chloride:	5530	Cl
Gases:	mg/L	as:
Carbon Dioxide:	200	CO2
Hydrogen Sulfide:	17	H2S
Lab Comments:		
Sales Comments:		

DownHole SAT Scale Prediction:	70	
Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	0.07	-3.44
Strontianite (SrCO3)	0.05	-5.51
Anhydrite (CaSO4)	0.01	-2597.65
Gypsum (CaSO4*2H2O)	0.01	-2178.64
Barite (BaSO4)	52.47	5.83
Celestite (SrSO4)	0.06	-192.37
Siderite (FeCO3)	5.87	0.25
Halite (NaCl)	0	-478416.44
Iron sulfide (FeS)	5.46	1.01

APPENDIX B

Water Analysis from adjacent producing wells

Bruington Gas C #1E

Baker Hughes

Production Water Analysis for

ConocoPhillips FARMINGTON, Bruington Gas C #1E ,Drilling

Representative: Sheperd, Dave

Sample Date: 01/23/2012

Lab Test No: 2012102313

Specific Gravity:	1.019	
TDS:	26896	
pH:	6.44	
Cations	mg/L	as:
Calcium:	216.14	Ca
Magnesium:	44.2	Mg
Sodium:	9168	Na
Iron:	86.12	Fe
Barium:	42.91	Ba
Strontium:	35.28	Sr
Manganese:	0	Mn
Anions	mg/L	as:
Bicarbonate:	488	HCO3
Carbonate:	0	CO3
Sulfate:	8	SO4
Chloride:	16700	Cl
Gases:	mg/L	as:
Carbon Dioxide:	100	CO2
Hydrogen Sulfide:	0	H2S
Lab Comments:		
Sales Comments:		

DownHole SAT Scale Prediction:	180	
Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	0.65	-0.3
Strontianite (SrCO3)	0.08	-8.49
Anhydrite (CaSO4)	0	-1862.68
Gypsum (CaSO4*2H2O)	0	-2356.99
Barite (BaSO4)	0.69	-5.03
Celestite (SrSO4)	0	-548.56
Siderite (FeCO3)	861.8	0.65
Halite (NaCl)	0	-604999.69
Iron sulfide (FeS)	0	-0.09

APPENDIX B

Water Analysis from adjacent producing wells

Bruington LS #4P

Baker Hughes

Production Water Analysis for

ConocoPhillips FARMINGTON, Bruington LS #4 P ,Drilling

Representative: Sheperd, Dave

Sample Date: 01/24/2012

Lab Test No: 2012102316

Specific Gravity:	1.007	
TDS:	8590	
pH:	6.59	
Cations	mg/L	as:
Calcium:	133.23	Ca
Magnesium:	10.94	Mg
Sodium:	2825	Na
Iron:	39.52	Fe
Barium:	9.35	Ba
Strontium:	21.71	Sr
Manganese:	1.48	Mn
Anions	mg/L	as:
Bicarbonate:	244	HCO ₃
Carbonate:	0	CO ₃
Sulfate:	9	SO ₄
Chloride:	5210	Cl
Gases:	mg/L	as:
Carbon Dioxide:	250	CO ₂
Hydrogen Sulfide:	0	H ₂ S
Lab Comments:		
Sales Comments:		

DownHole SAT Scale Prediction:	180	
Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	0.49	-0.34
Strontianite (SrCO ₃)	0.07	-5.96
Anhydrite (CaSO ₄)	0	-1276.07
Gypsum (CaSO ₄ *2H ₂ O)	0	-1593.14
Barite (BaSO ₄)	0.46	-7.94
Celestite (SrSO ₄)	0	-347.11
Siderite (FeCO ₃)	492.12	0.38
Halite (NaCl)	0	-563188.69
Iron sulfide (FeS)	0	-0.06

APPENDIX B

Water Analysis from adjacent producing wells

Marx Fed #1M

Baker Hughes

Production Water Analysis for

ConocoPhillips FARMINGTON, Marx Fed #1M ,Drilling

Representative: Sheperd, Dave

Sample Date: 01/23/2012

Lab Test No: 2012102314

Specific Gravity:	1.02	
TDS:	28826	
pH:	6.42	
Cations	mg/L	as:
Calcium:	299.4	Ca
Magnesium:	38.89	Mg
Sodium:	10018	Na
Iron:	106.64	Fe
Barium:	64.81	Ba
Strontium:	56.45	Sr
Manganese:	1.43	Mn
Anions	mg/L	as:
Bicarbonate:	366	HCO3
Carbonate:	0	CO3
Sulfate:	9	SO4
Chloride:	17700	Cl
Gases:	mg/L	as:
Carbon Dioxide:	350	CO2
Hydrogen Sulfide:	0	H2S
Lab Comments:		
Sales Comments:		

DownHole SAT Scale Prediction:	180	
Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	0.64	-0.23
Strontianite (SrCO3)	0.08	-5.96
Anhydrite (CaSO4)	0	-1785.68
Gypsum (CaSO4*2H2O)	0	-2274.33
Barite (BaSO4)	1.09	1.19
Celestite (SrSO4)	0	-541.45
Siderite (FeCO3)	721.4	0.46
Halite (NaCl)	0	-606178.38
Iron sulfide (FeS)	0	-0.08

APPENDIX B

Water Analysis from adjacent producing wells

Vasaly Com #1M

Baker Hughes

Production Water Analysis for

ConocoPhillips FARMINGTON, Vasaly Com #1M ,Drilling

Representative: Sheperd, Dave

Sample Date: 01/23/2012

Lab Test No: 2012102315

Specific Gravity:	1.013	
TDS:	18985	
pH:	6.4	
Cations	mg/L	as:
Calcium:	166.89	Ca
Magnesium:	30.53	Mg
Sodium:	6293	Na
Iron:	68.65	Fe
Barium:	17.67	Ba
Strontium:	25.94	Sr
Manganese:	0	Mn
Anions	mg/L	as:
Bicarbonate:	427	HCO3
Carbonate:	0	CO3
Sulfate:	19	SO4
Chloride:	11800	Cl
Gases:	mg/L	as:
Carbon Dioxide:	250	CO2
Hydrogen Sulfide:	0	H2S
Lab Comments:		
Sales Comments:		

DownHole SAT Scale Prediction: 180

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	0.47	-0.48
Strontianite (SrCO3)	0.06	-8.75
Anhydrite (CaSO4)	0	-1695.18
Gypsum (CaSO4*2H2O)	0	-2130.57
Barite (BaSO4)	0.93	-1.28
Celestite (SrSO4)	0.01	-473.74
Siderite (FeCO3)	667.49	0.5
Halite (NaCl)	0	-595904.94
Iron sulfide (FeS)	0	-0.09

APPENDIX B

Water Analysis from adjacent producing wells

Bruington Gas C #1E 25%, Vasaly SWD #2 75%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Marx Fed #1

2) Vasaly SWD#2

Report Date: 02-07-2012

SATURATION LEVEL		FREE ION MOMENTARY EXCESS (ppm)		
Calcite (CaCO ₃)	0.187	Calcite (CaCO ₃)	-1.41	
Aragonite (CaCO ₃)	0.158	Aragonite (CaCO ₃)	-1.72	
Witherite (BaCO ₃)	0.0117	Witherite (BaCO ₃)	-26.83	
Strontianite (SrCO ₃)	0.0845	Strontianite (SrCO ₃)	-4.54	
Magnesite (MgCO ₃)	0.0337	Magnesite (MgCO ₃)	-7.06	
Anhydrite (CaSO ₄)	0.0116	Anhydrite (CaSO ₄)	-2730	
Gypsum (CaSO ₄ *2H ₂ O)	0.0167	Gypsum (CaSO ₄ *2H ₂ O)	-2516	
Barite (BaSO ₄)	85.83	Barite (BaSO ₄)	31.60	
Celestite (SrSO ₄)	0.0864	Celestite (SrSO ₄)	-264.22	
Fluorite (CaF ₂)	0.00	Fluorite (CaF ₂)	-57.94	
Calcium phosphate	0.00	Calcium phosphate	>-0.001	
Hydroxyapatite	0.00	Hydroxyapatite	-887.10	
Silica (SiO ₂)	0.00	Silica (SiO ₂)	-155.28	
Brucite (Mg(OH) ₂)	< 0.001	Brucite (Mg(OH) ₂)	-6.59	
Magnesium silicate	0.00	Magnesium silicate	-305.97	
Iron hydroxide (Fe(OH) ₃)	< 0.001	Iron hydroxide (Fe(OH) ₃)	< 0.001	
Strengite (FePO ₄ *2H ₂ O)	0.00	Strengite (FePO ₄ *2H ₂ O)	>-0.001	
Siderite (FeCO ₃)	99.81	Siderite (FeCO ₃)	0.373	
Halite (NaCl)	< 0.001	Halite (NaCl)	-513779	
Thenardite (Na ₂ SO ₄)	< 0.001	Thenardite (Na ₂ SO ₄)	-155933	
Iron sulfide (FeS)	49.16	Iron sulfide (FeS)	7.62	
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	-0.641	Calcium	113.75	101.90
Ryznar	7.63	Barium	18.83	18.83
Puckorius	5.44	Carbonate	0.744	0.195
Larson-Skold Index	23.21	Phosphate	0.00	0.00
Stiff Davis Index	-0.778	Sulfate	264.75	222.29
Odde-Tomson	-0.954			

OPERATING CONDITIONS

Temperature (°F)	97.50
Time(secs)	1.00

BJ Chemical Services - Midland Analytical Laboratory
P.O. Box 61427, Midland, Texas 79711

APPENDIX B

Water Analysis from adjacent producing wells

Bruington Gas C #1E 50%, Vasaly SWD #2 50%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Bruington gas C#1E

2) Vasalt swd#2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO ₃)	0.292
Aragonite (CaCO ₃)	0.243
Witherite (BaCO ₃)	0.0161
Strontianite (SrCO ₃)	0.0769
Magnesite (MgCO ₃)	0.0796
Anhydrite (CaSO ₄)	0.00985
Gypsum (CaSO ₄ *2H ₂ O)	0.0130
Barite (BaSO ₄)	33.52
Celestite (SrSO ₄)	0.0507
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	244.63
Halite (NaCl)	0.00105
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	60.47

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO ₃)	-1.01
Aragonite (CaCO ₃)	-1.29
Witherite (BaCO ₃)	-27.29
Strontianite (SrCO ₃)	-6.25
Magnesite (MgCO ₃)	-3.89
Anhydrite (CaSO ₄)	-2590
Gypsum (CaSO ₄ *2H ₂ O)	-2509
Barite (BaSO ₄)	38.11
Celestite (SrSO ₄)	-351.99
Fluorite (CaF ₂)	-62.41
Calcium phosphate	>-0.001
Hydroxyapatite	-1073
Silica (SiO ₂)	-216.71
Brucite (Mg(OH) ₂)	-6.36
Magnesium silicate	-361.84
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	0.482
Halite (NaCl)	-544678
Thenardite (Na ₂ SO ₄)	-164159
Iron sulfide (FeS)	7.35

SIMPLE INDICES

Langeller	-0.428
Ryznar	7.23
Puckorius	5.11
Larson-Skold Index	31.59
Stiff Davis Index	-0.438
Oddo-Tomson	-0.701

BOUND IONS

BOUND IONS	TOTAL	FREE
Calcium	134.00	119.08
Barium	23.20	23.20
Carbonate	1.68	0.251
Phosphate	0.00	0.00
Sulfate	179.00	143.73

OPERATING CONDITIONS

Temperature (°F)	125.00
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Bruington Gas C #1E 75%, Vasaly SWD #2 25%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Bruington gas C#1E

2) Vasaly SWD#2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO ₃)	0.455
Aragonite (CaCO ₃)	0.373
Witherite (BaCO ₃)	0.0234
Strontianite (SrCO ₃)	0.0795
Magnesite (MgCO ₃)	0.145
Anhydrite (CaSO ₄)	0.00804
Gypsum (CaSO ₄ *2H ₂ O)	0.00891
Barite (BaSO ₄)	12.15
Celestite (SrSO ₄)	0.0277
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	498.42
Halite (NaCl)	0.00143
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	59.59

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO ₃)	-0.586
Aragonite (CaCO ₃)	-0.820
Witherite (BaCO ₃)	-25.85
Strontianite (SrCO ₃)	-7.20
Magnesite (MgCO ₃)	-2.38
Anhydrite (CaSO ₄)	-2266
Gypsum (CaSO ₄ *2H ₂ O)	-2422
Barite (BaSO ₄)	49.70
Celestite (SrSO ₄)	-446.56
Fluorite (CaF ₂)	-64.17
Calcium phosphate	>0.001
Hydroxyapatite	-1283
Silica (SiO ₂)	-293.19
Brucite (Mg(OH) ₂)	-6.46
Magnesium silicate	-422.51
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>0.001
Siderite (FeCO ₃)	0.567
Halite (NaCl)	-575040
Thenardite (Na ₂ SO ₄)	-172960
Iron sulfide (FeS)	5.88

SIMPLE INDICES

Langelier	-0.208
Ryznar	6.81
Puckorius	4.80
Larson-Skold Index	43.96
Stiff Davis Index	0.0301
Oddo-Tomson	-0.418

BOUND IONS

BOUND IONS	TOTAL	FREE
Calcium	175.00	154.61
Barium	33.06	33.06
Carbonate	3.57	0.294
Phosphate	0.00	0.00
Sulfate	93.50	71.39

OPERATING CONDITIONS

Temperature (°F)	152.50
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Bruington LS #4P 25%, Vasaly SWD #2 75%



DownHole SAT(tm)

MIXED WATER
DEPOSITION POTENTIAL INDICATORS

1) Bruington LS #4 P

2) Vasaly SWD #2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO ₃)	0.137
Aragonite (CaCO ₃)	0.116
Witherite (BaCO ₃)	0.00376
Strontianite (SrCO ₃)	0.0594
Magnesite (MgCO ₃)	0.0250
Anhydrite (CaSO ₄)	0.00983
Gypsum (CaSO ₄ *2H ₂ O)	0.0142
Barite (BaSO ₄)	31.76
Celestite (SrSO ₄)	0.0701
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	48.47
Halite (NaCl)	< 0.001
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	29.19

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO ₃)	-1.86
Aragonite (CaCO ₃)	-2.24
Witherite (BaCO ₃)	-29.67
Strontianite (SrCO ₃)	-5.39
Magnesite (MgCO ₃)	-8.14
Anhydrite (CaSO ₄)	-2406
Gypsum (CaSO ₄ *2H ₂ O)	-2214
Barite (BaSO ₄)	8.16
Celestite (SrSO ₄)	-214.06
Fluorite (CaF ₂)	-61.48
Calcium phosphate	>-0.001
Hydroxyapatite	-803.63
Silica (SiO ₂)	-156.53
Brucite (Mg(OH) ₂)	-7.16
Magnesium silicate	-291.40
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	0.338
Halite (NaCl)	-500290
Thenardite (Na ₂ SO ₄)	-143750
Iron sulfide (FeS)	5.39

SIMPLE INDICES

Langeller	-0.780
Ryznar	7.92
Puckorius	5.78
Larson-Skold Index	15.65
Stiff Davis Index	-0.859
Oddo-Tomson	-1.000

BOUND IONS

Calcium	72.25
Barium	4.96
Carbonate	0.560
Phosphate	0.00
Sulfate	264.75

TOTAL

FREE

63.46
4.96
0.179
0.00
230.63

OPERATING CONDITIONS

Temperature (°F)	97.50
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Bruington LS #4P 50%, Vasaly SWD #2 50%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Bruington LS #4P

2) Vasaly SWD #2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO_3)	0.224
Aragonite (CaCO_3)	0.187
Witherite (BaCO_3)	0.00538
Strontianite (SrCO_3)	0.0640
Magnesite (MgCO_3)	0.0369
Anhydrite (CaSO_4)	0.0111
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	0.0148
Barite (BaSO_4)	16.41
Celestite (SrSO_4)	0.0619
Fluorite (CaF_2)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO_2)	0.00
Brucite (Mg(OH)_2)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH)_3)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	0.00
Siderite (FeCO_3)	132.83
Halite (NaCl)	< 0.001
Thenardite (Na_2SO_4)	< 0.001
Iron sulfide (FeS)	52.56

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO_3)	-1.07
Aragonite (CaCO_3)	-1.35
Witherite (BaCO_3)	-27.84
Strontianite (SrCO_3)	-5.46
Magnesite (MgCO_3)	-5.89
Anhydrite (CaSO_4)	-2065
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	-1987
Barite (BaSO_4)	10.23
Celestite (SrSO_4)	-246.26
Fluorite (CaF_2)	-60.93
Calcium phosphate	>-0.001
Hydroxyapatite	-910.19
Silica (SiO_2)	-219.97
Brucite (Mg(OH)_2)	-7.71
Magnesium silicate	-333.59
Iron hydroxide (Fe(OH)_3)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	>-0.001
Siderite (FeCO_3)	0.358
Halite (NaCl)	-521607
Thenardite (Na_2SO_4)	-143050
Iron sulfide (FeS)	7.55

SIMPLE INDICES

Langelier	-0.557
Ryznar	7.50
Puckorius	5.54
Larson-Skold Index	19.16
Stiff Davls Index	-0.456
Oddo-Tomson	-0.670

BOUND IONS

Calcium	92.50
Barium	6.43
Carbonate	0.880
Phosphate	0.00
Sulfate	179.50

TOTAL

FREE

80.87
6.42
0.187
0.00
152.25

OPERATING CONDITIONS

Temperature (°F)	125.00
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Bruington LS #4P 75%, Vasaly SWD #2 25%



DownHole SAT(tm)

MIXED WATER
DEPOSITION POTENTIAL INDICATORS

1) Bruington LS #4P

2) Vasaly SWD #2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO ₃)	0.331
Aragonite (CaCO ₃)	0.271
Witherite (BaCO ₃)	0.00694
Strontianite (SrCO ₃)	0.0638
Magnesite (MgCO ₃)	0.0502
Anhydrite (CaSO ₄)	0.0105
Gypsum (CaSO ₄ *2H ₂ O)	0.0118
Barite (BaSO ₄)	6.46
Celestite (SrSO ₄)	0.0398
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	269.50
Halite (NaCl)	< 0.001
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	69.69

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO ₃)	-0.632
Aragonite (CaCO ₃)	-0.838
Witherite (BaCO ₃)	-26.25
Strontianite (SrCO ₃)	-5.67
Magnesite (MgCO ₃)	-4.40
Anhydrite (CaSO ₄)	-1665
Gypsum (CaSO ₄ *2H ₂ O)	-1763
Barite (BaSO ₄)	11.20
Celestite (SrSO ₄)	-290.42
Fluorite (CaF ₂)	-60.66
Calcium phosphate	>-0.001
Hydroxyapatite	-1023
Silica (SiO ₂)	-299.86
Brucite (Mg(OH) ₂)	-8.26
Magnesium silicate	-377.95
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	0.362
Halite (NaCl)	-542497
Thenardite (Na ₂ SO ₄)	-142757
Iron sulfide (FeS)	6.62

SIMPLE INDICES

Langelier	-0.379
Ryznar	7.21
Puckorius	5.48
Larson-Skold Index	25.09
Stiff Davis Index	-0.0115
Oddo-Tomson	-0.365

BOUND IONS

Calcium	112.75
Barium	7.89
Carbonate	1.35
Phosphate	0.00
Sulfate	94.25

TOTAL

99.23
7.89
0.188
0.00
77.85

OPERATING CONDITIONS

Temperature (°F)	152.50
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Marx Fed #1M 25%, Vasaly SWD #2 75%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Marx Fed #1

2) Vasaly SWD #2

Report Date: 02-07-2012

SATURATION LEVEL		FREE ION MOMENTARY EXCESS (ppm)		
Calcite (CaCO ₃)	0.187	Calcite (CaCO ₃)	-1.41	
Aragonite (CaCO ₃)	0.158	Aragonite (CaCO ₃)	-1.72	
Witherite (BaCO ₃)	0.0117	Witherite (BaCO ₃)	-26.83	
Strontianite (SrCO ₃)	0.0845	Strontianite (SrCO ₃)	-4.54	
Magnesite (MgCO ₃)	0.0337	Magnesite (MgCO ₃)	-7.06	
Anhydrite (CaSO ₄)	0.0116	Anhydrite (CaSO ₄)	-2730	
Gypsum (CaSO ₄ *2H ₂ O)	0.0167	Gypsum (CaSO ₄ *2H ₂ O)	-2516	
Barite (BaSO ₄)	85.83	Barite (BaSO ₄)	31.60	
Celestite (SrSO ₄)	0.0864	Celestite (SrSO ₄)	-264.22	
Fluorite (CaF ₂)	0.00	Fluorite (CaF ₂)	-57.94	
Calcium phosphate	0.00	Calcium phosphate	>-0.001	
Hydroxyapatite	0.00	Hydroxyapatite	-887.10	
Silica (SiO ₂)	0.00	Silica (SiO ₂)	-155.28	
Brucite (Mg(OH) ₂)	< 0.001	Brucite (Mg(OH) ₂)	-6.59	
Magnesium silicate	0.00	Magnesium silicate	-305.97	
Iron hydroxide (Fe(OH) ₃)	< 0.001	Iron hydroxide (Fe(OH) ₃)	< 0.001	
Strengite (FePO ₄ *2H ₂ O)	0.00	Strengite (FePO ₄ *2H ₂ O)	>-0.001	
Siderite (FeCO ₃)	99.81	Siderite (FeCO ₃)	0.373	
Halite (NaCl)	< 0.001	Halite (NaCl)	-513779	
Thenardite (Na ₂ SO ₄)	< 0.001	Thenardite (Na ₂ SO ₄)	-155933	
Iron sulfide (FeS)	49.16	Iron sulfide (FeS)	7.62	
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	-0.641	Calcium	113.75	101.90
Ryznar	7.63	Barium	18.83	18.83
Puckorius	5.44	Carbonate	0.744	0.195
Larson-Skold Index	23.21	Phosphate	0.00	0.00
Stiff Davis Index	-0.778	Sulfate	264.75	222.29
Oddo-Tomson	-0.954			

OPERATING CONDITIONS

Temperature (°F)	97.50
Time(secs)	1.00

BJ Chemical Services - Midland Analytical Laboratory
P.O. Box 61427, Midland, Texas 79711

APPENDIX B

Water Analysis from adjacent producing wells

Marx Fed #1M 50%, Vasaly SWD #2 50%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Marx Fed #1M

2) Vasaly SWD#2

Report Date: 02-07-2012

SATURATION LEVEL		FREE ION MOMENTARY EXCESS (ppm)		
Calcite (CaCO ₃)	0.329	Calcite (CaCO ₃)	-0.742	
Aragonite (CaCO ₃)	0.275	Aragonite (CaCO ₃)	-0.961	
Witherite (BaCO ₃)	0.0201	Witherite (BaCO ₃)	-23.49	
Strontianite (SrCO ₃)	0.0966	Strontianite (SrCO ₃)	-4.61	
Magnesite (MgCO ₃)	0.0628	Magnesite (MgCO ₃)	-4.34	
Anhydrite (CaSO ₄)	0.0126	Anhydrite (CaSO ₄)	-2568	
Gypsum (CaSO ₄ *2H ₂ O)	0.0166	Gypsum (CaSO ₄ *2H ₂ O)	-2479	
Barite (BaSO ₄)	47.25	Barite (BaSO ₄)	56.57	
Celestite (SrSO ₄)	0.0719	Celestite (SrSO ₄)	-347.74	
Fluorite (CaF ₂)	0.00	Fluorite (CaF ₂)	-56.71	
Calcium phosphate	0.00	Calcium phosphate	>-0.001	
Hydroxyapatite	0.00	Hydroxyapatite	-1084	
Silica (SiO ₂)	0.00	Silica (SiO ₂)	-216.47	
Brucite (Mg(OH) ₂)	< 0.001	Brucite (Mg(OH) ₂)	-6.64	
Magnesium silicate	0.00	Magnesium silicate	-363.56	
iron hydroxide (Fe(OH) ₃)	< 0.001	Iron hydroxide (Fe(OH) ₃)	< 0.001	
Strengite (FePO ₄ *2H ₂ O)	0.00	Strengite (FePO ₄ *2H ₂ O)	>-0.001	
Siderite (FeCO ₃)	256.00	Siderite (FeCO ₃)	0.421	
Halite (NaCl)	0.00112	Halite (NaCl)	-545910	
Thenardite (Na ₂ SO ₄)	< 0.001	Thenardite (Na ₂ SO ₄)	-165540	
Iron sulfide (FeS)	68.35	Iron sulfide (FeS)	7.24	
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	-0.376	Calcium	175.50	157.75
Ryznar	7.11	Barium	34.15	34.15
Puckorius	5.04	Carbonate	1.51	0.219
Larson-Skold Index	36.57	Phosphate	0.00	0.00
Stiff Davis Index	-0.399	Sulfate	179.50	147.19
Odin-Tomson	-0.861			

OPERATING CONDITIONS

Temperature (°F) 125.00
Time(secs) 1.00

BJ Chemical Services - Midland Analytical Laboratory
P.O. Box 61427, Midland, Texas 79711

APPENDIX B

Water Analysis from adjacent producing wells

Marx Fed #1M 75%, Vasaly SWD #2 25%



DownHole SAT(tm)

MIXED WATER
DEPOSITION POTENTIAL INDICATORS

1) Marx Fed #1M

2) Vasaly SWD# 2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO_3)	0.484
Aragonite (CaCO_3)	0.397
Witherite (BaCO_3)	0.0266
Strontianite (SrCO_3)	0.0942
Magnesite (MgCO_3)	0.103
Anhydrite (CaSO_4)	0.0107
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	0.0118
Barite (BaSO_4)	17.28
Celestite (SrSO_4)	0.0410
Fluorite (CaF_2)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO_2)	0.00
Brucite ($\text{Mg}(\text{OH})_2$)	< 0.001
Magnesium silicate	0.00
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	0.00
Siderite (FeCO_3)	471.33
Halite (NaCl)	0.00158
Thenardite (Na_2SO_4)	< 0.001
Iron sulfide (FeS)	65.86

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO_3)	-0.413
Aragonite (CaCO_3)	-0.588
Witherite (BaCO_3)	-21.33
Strontianite (SrCO_3)	-5.12
Magnesite (MgCO_3)	-2.77
Anhydrite (CaSO_4)	-2218
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	-2367
Barite (BaSO_4)	75.41
Celestite (SrSO_4)	-440.88
Fluorite (CaF_2)	-57.02
Calcium phosphate	>-0.001
Hydroxyapatite	-1298
Silica (SiO_2)	-292.71
Brucite ($\text{Mg}(\text{OH})_2$)	-6.76
Magnesium silicate	-424.87
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	>-0.001
Siderite (FeCO_3)	0.448
Halite (NaCl)	-576351
Thenardite (Na_2SO_4)	-174917
Iron sulfide (FeS)	5.74

SIMPLE INDICES

Langelier	-0.182
Ryznar	6.74
Puckorius	4.82
Larson-Skold Index	55.50
Stiff Davis index	0.0508
Oddo-Tomson	-0.407

BOUND IONS

Calcium	237.25
Barium	49.48
Carbonate	2.92
Phosphate	0.00
Sulfate	94.25

TOTAL

FREE
214.09
49.48
0.233
0.00
70.69

OPERATING CONDITIONS

Temperature ($^{\circ}\text{F}$)	152.50
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Vasaly Com #1M 25%, Vasaly SWD #2 75%



DownHole SAT(tm)

MIXED WATER
DEPOSITION POTENTIAL INDICATORS

1) Vasaly Com #1M

2) Vasaly SWD # 2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO_3)	0.145
Aragonite (CaCO_3)	0.123
Witherite (BaCO_3)	0.00494
Strontianite (SrCO_3)	0.0599
Magnesite (MgCO_3)	0.0330
Anhydrite (CaSO_4)	0.00941
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	0.0136
Barite (BaSO_4)	37.60
Celestite (SrSO_4)	0.0637
Fluorite (CaF_2)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO_2)	0.00
Brucite ($\text{Mg}(\text{OH})_2$)	< 0.001
Magnesium silicate	0.00
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	0.00
Siderite (FeCO_3)	73.93
Halite (NaCl)	< 0.001
Thenardite (Na_2SO_4)	< 0.001
Iron sulfide (FeS)	37.57

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO_3)	-1.89
Aragonite (CaCO_3)	-2.28
Witherite (BaCO_3)	-31.16
Strontianite (SrCO_3)	-5.84
Magnesite (MgCO_3)	-7.10
Anhydrite (CaSO_4)	-2610
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	-2408
Barite (BaSO_4)	11.64
Celestite (SrSO_4)	-245.51
Fluorite (CaF_2)	-62.54
Calcium phosphate	> -0.001
Hydroxyapatite	-851.25
Silica (SiO_2)	-155.81
Brucite ($\text{Mg}(\text{OH})_2$)	-6.65
Magnesium silicate	-299.78
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	> -0.001
Siderite (FeCO_3)	0.371
Halite (NaCl)	-508272
Thenardite (Na_2SO_4)	-150607
Iron sulfide (FeS)	7.09

SIMPLE INDICES

Langelier	-0.752
Ryznar	7.85
Puckorius	5.65
Larson-Skold Index	18.86
Stiff Davis Index	-0.858
Oddo-Tomson	-1.02

BOUND IONS

Calcium	80.75
Barium	7.04
Carbonate	0.676
Phosphate	0.00
Sulfate	267.25

TOTAL

FREE

71.51
7.04
0.195
0.00
228.96

OPERATING CONDITIONS

Temperature (°F)	97.50
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Vasaly Com #1M 50%, Vasaly SWD #2 50%



DownHole SAT(tm)

MIXED WATER
DEPOSITION POTENTIAL INDICATORS

1) Vasaly Com #1M

2) Vasaly SWD #2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO_3)	0.242
Aragonite (CaCO_3)	0.202
Witherite (BaCO_3)	0.00774
Strontianite (SrCO_3)	0.0636
Magnesite (MgCO_3)	0.0619
Anhydrite (CaSO_4)	0.00981
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	0.0130
Barite (BaSO_4)	19.30
Celestite (SrSO_4)	0.0503
Fluorite (CaF_2)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO_2)	0.00
Brucite ($\text{Mg}(\text{OH})_2$)	< 0.001
Magnesium silicate	0.00
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	0.00
Siderite (FeCO_3)	202.69
Halite (NaCl)	< 0.001
Thenardite (Na_2SO_4)	< 0.001
Iron sulfide (FeS)	55.62

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO_3)	-1.16
Aragonite (CaCO_3)	-1.46
Witherite (BaCO_3)	-30.69
Strontianite (SrCO_3)	-6.50
Magnesite (MgCO_3)	-4.44
Anhydrite (CaSO_4)	-2408
Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)	-2328
Barite (BaSO_4)	17.01
Celestite (SrSO_4)	-310.78
Fluorite (CaF_2)	-63.66
Calcium phosphate	> -0.001
Hydroxyapatite	-1015
Silica (SiO_2)	-217.97
Brucite ($\text{Mg}(\text{OH})_2$)	-6.76
Magnesium silicate	-352.01
Iron hydroxide ($\text{Fe}(\text{OH})_3$)	< 0.001
Strengite ($\text{FePO}_4 \cdot 2\text{H}_2\text{O}$)	> -0.001
Siderite (FeCO_3)	0.429
Halite (NaCl)	-537498
Thenardite (Na_2SO_4)	-156329
Iron sulfide (FeS)	7.28

SIMPLE INDICES

Langelier	-0.515
Ryznar	7.39
Puckorius	5.28
Larson-Skold Index	25.93
Stiff Davis Index	-0.468
Odde-Tomson	-0.726

BOUND IONS

BOUND IONS	TOTAL	FREE
Calcium	109.50	96.51
Barium	10.59	10.58
Carbonate	1.31	0.223
Phosphate	0.00	0.00
Sulfate	184.50	151.51

OPERATING CONDITIONS

Temperature (°F)	125.00
Time(secs)	1.00

APPENDIX B

Water Analysis from adjacent producing wells

Vasaly Com #1M 75%, Vasaly SWD #2 25%



DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Vasaly Com #1M

2) Vasaly SWD # 2

Report Date: 02-07-2012

SATURATION LEVEL

Calcite (CaCO ₃)	0.355
Aragonite (CaCO ₃)	0.291
Witherite (BaCO ₃)	0.0103
Strontianite (SrCO ₃)	0.0621
Magnesite (MgCO ₃)	0.103
Anhydrite (CaSO ₄)	0.00860
Gypsum (CaSO ₄ *2H ₂ O)	0.00959
Barite (BaSO ₄)	7.36
Celestite (SrSO ₄)	0.0297
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	403.03
Halite (NaCl)	< 0.001
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	55.90

FREE ION MOMENTARY EXCESS (ppm)

Calcite (CaCO ₃)	-0.741
Aragonite (CaCO ₃)	-0.992
Witherite (BaCO ₃)	-30.46
Strontianite (SrCO ₃)	-7.47
Magnesite (MgCO ₃)	-2.89
Anhydrite (CaSO ₄)	-2076
Gypsum (CaSO ₄ *2H ₂ O)	-2211
Barite (BaSO ₄)	20.37
Celestite (SrSO ₄)	-387.37
Fluorite (CaF ₂)	-65.60
Calcium phosphate	>-0.001
Hydroxyapatite	-1197
Silica (SiO ₂)	-295.77
Brucite (Mg(OH) ₂)	-6.97
Magnesium silicate	-408.33
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	0.473
Halite (NaCl)	-566521
Thenardite (Na ₂ SO ₄)	-162360
Iron sulfide (FeS)	5.84

SIMPLE INDICES

Langelier	-0.329
Ryznar	7.03
Puckorius	5.04
Larson-Skold Index	35.26
Stiff Davis Index	-0.0199
Oddo-Tomson	-0.455

BOUND IONS

Calcium	138.25
Barium	14.13
Carbonate	2.48
Phosphate	0.00
Sulfate	101.75

TOTAL

FREE

121.35
14.13
0.246
0.00
80.21

OPERATING CONDITIONS

Temperature (°F)	152.50
Time(secs)	1.00

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite	API	Well Name	Formations	DisposalSite
0506707083	CARTER UTE 100	FRC	VASALY #2 SWD	3003920135	SAN JUAN 27-4 UNIT 41	DK,MV	VASALY #2 SWD
3003905675	CANYON LARGO UNIT COM 110	DK	VASALY #2 SWD	3003920142	SAN JUAN 27-4 UNIT 40	DK	VASALY #2 SWD
3003906796	SAN JUAN 27-4 UNIT COM 34	DK,MV	VASALY #2 SWD	3003920148	SAN JUAN 27-4 UNIT 52	DK,MV	VASALY #2 SWD
3003906797	REUTER 2	DK,GL	VASALY #2 SWD	3003920149	SAN JUAN 27-4 UNIT 51	DK	VASALY #2 SWD
3003906883	SAN JUAN 27-4 UNIT 35	MV	VASALY #2 SWD	3003920175	SAN JUAN 28-4 UNIT 33	DK	VASALY #2 SWD
3003906908	SAN JUAN 27-4 UNIT 20	MV,PC	VASALY #2 SWD	3003920187	SAN JUAN 28-5 UNIT 81	DK	VASALY #2 SWD
3003906929	SAN JUAN 27-5 UNIT 4	MV	VASALY #2 SWD	3003920228	SAN JUAN 27-5 UNIT 40	DK,MV	VASALY #2 SWD
3003907059	SAN JUAN 27-4 UNIT 22	MV	VASALY #2 SWD	3003920236	SAN JUAN 28-5 UNIT 82	DK,GL	VASALY #2 SWD
3003907062	SAN JUAN 27-5 UNIT 6	MV	VASALY #2 SWD	3003920242	SAN JUAN 28-5 UNIT 83	DK,MV	VASALY #2 SWD
3003907090	SAN JUAN 27-4 UNIT 3	MV	VASALY #2 SWD	3003920295	COMPANERO 1	MV	VASALY #2 SWD
3003907110	SAN JUAN 28-6 UNIT 79	MV,PC	VASALY #2 SWD	3003920360	SAN JUAN 28-5 UNIT 84	DK,MV	VASALY #2 SWD
3003907111	SAN JUAN 27-4 UNIT 7	DK	VASALY #2 SWD	3003920416	SAN JUAN 27-4 UNIT 56	DK,MV	VASALY #2 SWD
3003907141	SAN JUAN 27-5 UNIT 2	MV	VASALY #2 SWD	3003920475	SAN JUAN 28-5 UNIT 88	DK,MV	VASALY #2 SWD
3003907154	SAN JUAN 27-5 UNIT 1	DK	VASALY #2 SWD	3003920517	SAN JUAN 28-7 UNIT 164	DK	VASALY #2 SWD
3003907158	SAN JUAN 27-5 UNIT 53	MV,PC	VASALY #2 SWD	3003920616	SAN JUAN 29-7 UNIT 105	DK	VASALY #2 SWD
3003907194	SAN JUAN 27-5 UNIT 78	DK,MV	VASALY #2 SWD	3003920673	SAN JUAN 28-4 UNIT 37	DK,MV	VASALY #2 SWD
3003907205	SAN JUAN 27-5 UNIT NP 55	MV	VASALY #2 SWD	3003920679	SAN JUAN 28-7 UNIT 187	DK,MV	VASALY #2 SWD
3003907207	SAN JUAN 27-5 UNIT 21	MV,PC	VASALY #2 SWD	3003920721	SAN JUAN 28-7 UNIT 183	DK,MV	VASALY #2 SWD
3003907225	SAN JUAN 28-4 UNIT 18	MV	VASALY #2 SWD	3003920826	SAN JUAN 27-4 UNIT 87	PC	VASALY #2 SWD
3003907254	SAN JUAN 28-6 UNIT 52	MV	VASALY #2 SWD	3003920862	SAN JUAN 28-7 UNIT 215	DK,MV	VASALY #2 SWD
3003907256	SAN JUAN 28-4 UNIT 11	MV	VASALY #2 SWD	3003920876	SAN JUAN 28-5 UNIT 93	DK,MV	VASALY #2 SWD
3003907289	SAN JUAN 28-7 UNIT 18	FRC,MV,PC	VASALY #2 SWD	3003920955	SAN JUAN 27-4 UNIT 90	PC	VASALY #2 SWD
3003907294	SAN JUAN 28-5 UNIT 44	DK,MV	VASALY #2 SWD	3003921064	SAN JUAN 28-7 UNIT 221	DK,MV	VASALY #2 SWD
3003907307	SAN JUAN 28-5 UNIT 9	MV	VASALY #2 SWD	3003921081	SAN JUAN 28-7 UNIT 241	DK,MV	VASALY #2 SWD
3003907384	SAN JUAN 28-7 UNIT 76	MV,PC	VASALY #2 SWD	3003921119	SAN JUAN 29-6 UNIT 10A	MV	VASALY #2 SWD
3003907386	SAN JUAN 28-5 UNIT 49	MV	VASALY #2 SWD	3003921312	SAN JUAN 29-6 UNIT 50A	MV	VASALY #2 SWD
3003907391	SAN JUAN 28-7 UNIT 60	MV	VASALY #2 SWD	3003921327	SAN JUAN 28-7 UNIT 235	DK	VASALY #2 SWD
3003907396	SAN JUAN 28-5 UNIT 30	MV	VASALY #2 SWD	3003921332	SAN JUAN 29-7 UNIT 111	DK	VASALY #2 SWD
3003907419	SAN JUAN 28-4 UNIT 2	MV	VASALY #2 SWD	3003921367	SAN JUAN 29-6 UNIT 7A	MV	VASALY #2 SWD
3003907434	SAN JUAN 28-6 UNIT 46	MV	VASALY #2 SWD	3003921379	SAN JUAN 27-4 UNIT 16A	MV,PC	VASALY #2 SWD
3003907439	SAN JUAN 28-5 UNIT 16	MV	VASALY #2 SWD	3003921626	SAN JUAN 29-7 UNIT 48A	MV	VASALY #2 SWD
3003907443	SAN JUAN 28-4 UNIT 1	MV	VASALY #2 SWD	3003921649	SAN JUAN 28-7 UNIT 246	DK,MV	VASALY #2 SWD
3003907446	SAN JUAN 28-7 UNIT 20	FRC,MV,PC	VASALY #2 SWD	3003921683	SAN JUAN 28-6 UNIT 13A	MV	VASALY #2 SWD
3003907452	SAN JUAN 28-6 UNIT 15	MV	VASALY #2 SWD	3003921731	SAN JUAN 28-7 UNIT 256	DK,MV	VASALY #2 SWD
3003907457	SAN JUAN 28-5 UNIT 13	MV	VASALY #2 SWD	3003921747	SAN JUAN 29-7 UNIT 114	DK	VASALY #2 SWD
3003907472	SAN JUAN 29-5 UNIT 38	MV	VASALY #2 SWD	3003921786	SAN JUAN 29-5 UNIT 91	MV	VASALY #2 SWD
3003907480	SAN JUAN 29-7 UNIT 32	MV	VASALY #2 SWD	3003921787	SAN JUAN 29-5 UNIT 90	MV	VASALY #2 SWD
3003907486	SAN JUAN 29-5 UNIT 36	MV	VASALY #2 SWD	3003921801	SAN JUAN 29-5 UNIT 94	PC	VASALY #2 SWD
3003907490	SAN JUAN 29-5 UNIT 8	MV	VASALY #2 SWD	3003921804	SAN JUAN 28-5 UNIT 101	DK	VASALY #2 SWD
3003907497	SAN JUAN 29-7 UNIT 95	MV	VASALY #2 SWD	3003921805	SAN JUAN 29-5 UNIT 87	PC	VASALY #2 SWD
3003907504	SAN JUAN 29-6 UNIT 57	MV	VASALY #2 SWD	3003921843	SAN JUAN 29-7 UNIT 113	DK,MV	VASALY #2 SWD
3003907535	SAN JUAN 29-7 UNIT 98	MV	VASALY #2 SWD	3003921865	SAN JUAN 28-5 UNIT 102	DK,MV	VASALY #2 SWD
3003907544	SAN JUAN 29-7 UNIT 53	MV	VASALY #2 SWD	3003921873	SAN JUAN 28-6 UNIT 2A	MV	VASALY #2 SWD
3003907551	SAN JUAN 29-6 UNIT 85	DK,MV	VASALY #2 SWD	3003921913	SAN JUAN 28-7 UNIT 56A	MV	VASALY #2 SWD
3003907574	SAN JUAN 29-7 UNIT 51	MV	VASALY #2 SWD	3003921936	SAN JUAN 28-7 UNIT 22A	MV,PC	VASALY #2 SWD
3003907629	SAN JUAN 29-6 UNIT 93	DK,MV	VASALY #2 SWD	3003921942	SAN JUAN 30-6 UNIT 59A	MV	VASALY #2 SWD
3003907686	SAN JUAN 29-6 UNIT 29	MV	VASALY #2 SWD	3003921948	SAN JUAN 28-7 UNIT 50A	MV	VASALY #2 SWD
3003907805	SAN JUAN 30-6 UNIT 54	MV	VASALY #2 SWD	3003921980	SAN JUAN 29-7 UNIT 44A	DK,MV	VASALY #2 SWD
3003907831	SAN JUAN 30-6 UNIT 42	MV	VASALY #2 SWD	3003922065	SAN JUAN 29-7 UNIT 31A	DK,MV	VASALY #2 SWD
3003907837	SAN JUAN 30-6 UNIT 44	MV	VASALY #2 SWD	3003922186	SAN JUAN 28-6 UNIT 6A	MV,PC	VASALY #2 SWD
3003907861	SAN JUAN 30-6 UNIT 83	MV	VASALY #2 SWD	3003922189	SAN JUAN 28-6 UNIT 28A	MV,PC	VASALY #2 SWD
3003907886	SAN JUAN 30-6 UNIT 36	MV	VASALY #2 SWD	3003922207	SAN JUAN 28-7 UNIT 20A	MV,PC	VASALY #2 SWD
3003908063	SAN JUAN 28-6 UNIT 119	DK	VASALY #2 SWD	3003922208	SAN JUAN 28-7 UNIT 61A	MV,PC	VASALY #2 SWD
3003908115	SAN JUAN 28-6 UNIT 124	DK	VASALY #2 SWD	3003922233	SAN JUAN 28-5 UNIT 38A	MV,PC	VASALY #2 SWD
3003920025	SAN JUAN 27-5 UNIT 106	DK,MV	VASALY #2 SWD	3003922238	SAN JUAN 28-7 UNIT 33A	MV,PC	VASALY #2 SWD
3003920049	SAN JUAN 27-5 UNIT 104	DK	VASALY #2 SWD	3003922359	SAN JUAN 28-7 UNIT 242M	DK,MV	VASALY #2 SWD
3003920059	SAN JUAN 27-5 UNIT 102	DK	VASALY #2 SWD	3003922360	SAN JUAN 28-7 UNIT 246E	DK	VASALY #2 SWD
3003920078	SAN JUAN 28-4 UNIT 30	DK	VASALY #2 SWD	3003922362	SAN JUAN 28-7 UNIT 239E	DK,MV	VASALY #2 SWD
3003920084	SAN JUAN 28-4 UNIT 31	DK,MV	VASALY #2 SWD	3003922363	SAN JUAN 28-7 UNIT 256E	DK	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3003922370	SAN JUAN 27-4 UNIT 124A	MV,PC	VASALY #2 SWD
3003922373	SAN JUAN 27-4 UNIT 138	MV,PC	VASALY #2 SWD
3003922374	SAN JUAN 27-4 UNIT 35A	MV	VASALY #2 SWD
3003922376	SAN JUAN 27-4 UNIT COM 137	MV	VASALY #2 SWD
3003922394	SAN JUAN 27-5 UNIT 86M	DK,MV	VASALY #2 SWD
3003922398	SAN JUAN 29-7 UNIT 112M	DK,MV	VASALY #2 SWD
3003922400	SAN JUAN 29-7 UNIT 111M	DK,MV	VASALY #2 SWD
3003922401	SAN JUAN 29-7 UNIT 110M	DK,MV	VASALY #2 SWD
3003922418	JICARILLA 153 10E	DK,MV	VASALY #2 SWD
3003922428	SAN JUAN 27-5 UNIT 78E	DK,MV	VASALY #2 SWD
3003922435	SAN JUAN 27-5 UNIT 105M	DK,MV	VASALY #2 SWD
3003922484	SAN JUAN 29-5 UNIT 101	MV,PC	VASALY #2 SWD
3003922516	SAN JUAN 27-5 UNIT 101E	DK,MV	VASALY #2 SWD
3003922629	SAN JUAN 29-7 UNIT 86A	DK,MV	VASALY #2 SWD
3003922640	SAN JUAN 27-5 UNIT 98E	DK,MV	VASALY #2 SWD
3003922670	LIVELY 21E	CH,DK,MV	VASALY #2 SWD
3003922804	SAN JUAN 27-4 UNIT 143	MV	VASALY #2 SWD
3003922991	SAN JUAN 27-4 UNIT 147	MV	VASALY #2 SWD
3003923031	SAN JUAN 27-4 UNIT 32	MV	VASALY #2 SWD
3003923199	SAN JUAN 31-6 UNIT 44	DK,MV	VASALY #2 SWD
3003923348	SAN JUAN 27-5 UNIT 196	MV	VASALY #2 SWD
3003923620	SAN JUAN 29-7 UNIT 123	DK,MV	VASALY #2 SWD
3003923625	SAN JUAN 29-7 UNIT 77E	DK	VASALY #2 SWD
3003923626	SAN JUAN 29-7 UNIT 70E	DK	VASALY #2 SWD
3003923629	SAN JUAN 29-7 UNIT 30E	DK	VASALY #2 SWD
3003923683	SAN JUAN 27-5 UNIT 84E	DK	VASALY #2 SWD
3003923699	SAN JUAN 27-5 UNIT 110E	DK	VASALY #2 SWD
3003923716	SAN JUAN 27-4 UNIT 28A	MV	VASALY #2 SWD
3003923727	SAN JUAN 27-4 UNIT 50E	DK,MV	VASALY #2 SWD
3003923728	SAN JUAN 27-5 UNIT 97M	DK,MV	VASALY #2 SWD
3003923746	SAN JUAN 28-7 UNIT 158E	DK,MV	VASALY #2 SWD
3003923757	SAN JUAN 27-5 UNIT 163M	DK,MV	VASALY #2 SWD
3003923794	SAN JUAN 28-5 UNIT 67M	DK,MV	VASALY #2 SWD
3003923834	SAN JUAN 28-5 UNIT 85E	DK	VASALY #2 SWD
3003923836	SAN JUAN 28-5 UNIT 84E	DK,MV	VASALY #2 SWD
3003923855	SAN JUAN 28-5 UNIT 102E	DK,MV	VASALY #2 SWD
3003923856	SAN JUAN 28-5 UNIT 88M	DK,MV	VASALY #2 SWD
3003923903	SAN JUAN 27-5 UNIT 165M	DK,MV	VASALY #2 SWD
3003923906	SAN JUAN 27-5 UNIT 101A	MV	VASALY #2 SWD
3003923940	SAN JUAN 29-7 UNIT 106M	DK,MV	VASALY #2 SWD
3003923958	SAN JUAN 29-7 UNIT 124M	DK,MV	VASALY #2 SWD
3003923959	SAN JUAN 29-7 UNIT 113M	DK,MV	VASALY #2 SWD
3003923984	SAN JUAN 28-7 UNIT 35A	MV	VASALY #2 SWD
3003924145	SAN JUAN 29-7 UNIT 141	DK	VASALY #2 SWD
3003924153	SAN JUAN 30-6 UNIT 412	FRC	VASALY #2 SWD
3003924187	SAN JUAN 30-6 UNIT 418	FRC	VASALY #2 SWD
3003924227	SAN JUAN 30-6 UNIT 436	FRC	VASALY #2 SWD
3003924234	SAN JUAN 30-6 UNIT 454	FRC	VASALY #2 SWD
3003924474	SAN JUAN 28-5 UNIT NP 201	FRC	VASALY #2 SWD
3003924487	SAN JUAN 30-6 UNIT 475	FRC	VASALY #2 SWD
3003924492	SAN JUAN 30-6 UNIT 477	FRC	VASALY #2 SWD
3003924517	SAN JUAN 28-5 UNIT 202	FRC	VASALY #2 SWD
3003924542	SAN JUAN 28-4 UNIT NP 202	FRC	VASALY #2 SWD
3003924680	SAN JUAN 29-6 UNIT 221	FRC	VASALY #2 SWD
3003924747	SAN JUAN 29-6 UNIT 210	FRC	VASALY #2 SWD
3003925047	SAN JUAN 28-7 UNIT 413	FRC	VASALY #2 SWD
3003925090	SAN JUAN 29-6 UNIT 262	FRC	VASALY #2 SWD
3003925112	SAN JUAN 28-7 UNIT 403	FRC	VASALY #2 SWD
3003925128	SAN JUAN 31-6 UNIT 28E	DK,MV	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3003925251	SAN JUAN 29-7 UNIT NP 574	FRC,PC	VASALY #2 SWD
3003925255	SAN JUAN 27-5 UNIT 99	DK	VASALY #2 SWD
3003925400	SAN JUAN 30-6 UNIT 66R	MV	VASALY #2 SWD
3003925452	SAN JUAN 28-6 UNIT 157M	DK,MV	VASALY #2 SWD
3003925481	SAN JUAN 29-5 UNIT 53M	DK,MV	VASALY #2 SWD
3003925503	HARRINGTON 9	CH,DK,GL,MV	VASALY #2 SWD
3003925553	SAN JUAN 28-7 UNIT 223M	DK,MV	VASALY #2 SWD
3003925556	SAN JUAN 28-7 UNIT 188M	DK,MV	VASALY #2 SWD
3003925557	SAN JUAN 28-7 UNIT 258M	DK,MV	VASALY #2 SWD
3003925586	SAN JUAN 29-7 UNIT 127M	DK,MV	VASALY #2 SWD
3003925589	SAN JUAN 28-5 UNIT 64M	DK,MV	VASALY #2 SWD
3003925625	SAN JUAN 30-6 UNIT 52A	MV	VASALY #2 SWD
3003925643	SAN JUAN 29-7 UNIT 50A	DK,MV	VASALY #2 SWD
3003925652	SAN JUAN 29-7 UNIT 128M	DK,MV	VASALY #2 SWD
3003925653	SAN JUAN 28-6 UNIT 113M	DK,MV	VASALY #2 SWD
3003925668	SAN JUAN 29-7 UNIT 85C	MV	VASALY #2 SWD
3003925704	SAN JUAN 28-6 UNIT 208M	DK,MV	VASALY #2 SWD
3003925733	SAN JUAN 28-6 UNIT 150M	DK,MV	VASALY #2 SWD
3003925768	SAN JUAN 28-6 UNIT 161M	DK,MV	VASALY #2 SWD
3003925803	SAN JUAN 30-6 UNIT 42A	DK,MV	VASALY #2 SWD
3003925805	SAN JUAN 30-6 UNIT 3A	DK,MV	VASALY #2 SWD
3003925816	SAN JUAN 28-7 UNIT 199E	DK,MV	VASALY #2 SWD
3003925827	SCOTT FEDERAL 6M	DK,MV	VASALY #2 SWD
3003925829	SAN JUAN 27-5 UNIT 85E	DK,MV	VASALY #2 SWD
3003925830	SAN JUAN 27-5 UNIT 2B	MV	VASALY #2 SWD
3003925859	SAN JUAN 29-7 UNIT 40B	MV	VASALY #2 SWD
3003925860	SAN JUAN 29-7 UNIT 41B	MV	VASALY #2 SWD
3003925881	SAN JUAN 28-7 UNIT 100M	DK,MV	VASALY #2 SWD
3003925889	SAN JUAN 27-5 UNIT 101B	MV	VASALY #2 SWD
3003925898	SAN JUAN 30-6 UNIT 11A	DK,MV	VASALY #2 SWD
3003925899	SAN JUAN 29-7 UNIT 53B	MV	VASALY #2 SWD
3003925908	SAN JUAN 28-5 UNIT 101M	DK,MV	VASALY #2 SWD
3003925910	SAN JUAN 27-5 UNIT 104M	DK,MV	VASALY #2 SWD
3003925915	SAN JUAN 27-4 UNIT 3A	DK,MV	VASALY #2 SWD
3003925924	SAN JUAN 27-4 UNIT 14M	DK,MV	VASALY #2 SWD
3003925927	SAN JUAN 28-5 UNIT 83M	DK,MV	VASALY #2 SWD
3003925931	SAN JUAN 28-5 UNIT 107	MV	VASALY #2 SWD
3003925936	SAN JUAN 28-5 UNIT 77M	DK,MV	VASALY #2 SWD
3003925945	SAN JUAN 28-4 UNIT 30M	DK,MV	VASALY #2 SWD
3003925946	SAN JUAN 28-5 UNIT 86M	DK,MV	VASALY #2 SWD
3003925954	PORKCHOP FEDERAL 27 1E	DK	VASALY #2 SWD
3003925957	SAN JUAN 28-5 UNIT 103M	DK,MV	VASALY #2 SWD
3003925962	SAN JUAN 27-4 UNIT 59M	DK,MV	VASALY #2 SWD
3003925968	SAN JUAN 27-4 UNIT 139A	DK,MV	VASALY #2 SWD
3003925969	SAN JUAN 28-5 UNIT 78M	DK,MV	VASALY #2 SWD
3003925976	SAN JUAN 27-5 UNIT 147M	DK,MV	VASALY #2 SWD
3003925977	SAN JUAN 27-4 UNIT 53M	DK,MV	VASALY #2 SWD
3003925985	SAN JUAN 30-6 UNIT 124	DK	VASALY #2 SWD
3003926017	SAN JUAN 27-4 UNIT 47M	DK,MV	VASALY #2 SWD
3003926041	SAN JUAN 27-4 UNIT 46M	DK,MV	VASALY #2 SWD
3003926042	SAN JUAN 29-7 UNIT 72B	MV	VASALY #2 SWD
3003926051	SAN JUAN 29-7 UNIT 44C	MV,PC	VASALY #2 SWD
3003926053	VALDEZ 8	MV	VASALY #2 SWD
3003926062	SAN JUAN 29-7 UNIT 78B	MV	VASALY #2 SWD
3003926090	SAN JUAN 27-4 UNIT 45M	DK,MV	VASALY #2 SWD
3003926127	VALDEZ 7	MV	VASALY #2 SWD
3003926137	KAIME 2	CH,DK,MV	VASALY #2 SWD
3003926143	SAN JUAN 29-7 UNIT 96B	MV	VASALY #2 SWD
3003926147	SAN JUAN 29-7 UNIT 76B	MV	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite	API	Well Name	Formations	DisposalSite
3003926148	KAIME 2M	CH,DK,MV	VASALY #2 SWD	3003927029	SAN JUAN 28-6 UNIT 168M	DK,MV	VASALY #2 SWD
3003926152	SAN JUAN 27-4 UNIT 95E	DK,MV	VASALY #2 SWD	3003927030	SAN JUAN 28-6 UNIT 110M	DK,MV	VASALY #2 SWD
3003926155	SAN JUAN 29-7 UNIT 45B	MV	VASALY #2 SWD	3003927031	SAN JUAN 28-7 UNIT 164F	DK,MV	VASALY #2 SWD
3003926170	SAN JUAN 28-7 UNIT 126M	DK,MV	VASALY #2 SWD	3003927038	SAN JUAN 28-7 UNIT 242F	DK,MV	VASALY #2 SWD
3003926171	SAN JUAN 28-7 UNIT 135E	DK,MV	VASALY #2 SWD	3003927039	SAN JUAN 28-7 UNIT 241M	DK,MV	VASALY #2 SWD
3003926181	SAN JUAN 28-5 UNIT 92M	DK,MV	VASALY #2 SWD	3003927040	SAN JUAN 28-7 UNIT 215F	DK,MV	VASALY #2 SWD
3003926213	SAN JUAN 28-7 UNIT 234M	DK,MV	VASALY #2 SWD	3003927045	SAN JUAN 28-7 UNIT 136F	DK,MV	VASALY #2 SWD
3003926224	SAN JUAN 28-7 UNIT 235M	DK,MV	VASALY #2 SWD	3003927047	SAN JUAN 28-7 UNIT 246M	DK	VASALY #2 SWD
3003926251	SAN JUAN 28-6 UNIT 149M	DK,MV	VASALY #2 SWD	3003927249	SAN JUAN 28-7 UNIT 258G	DK,MV	VASALY #2 SWD
3003926276	SAN JUAN 28-5 UNIT 65N	DK,MV	VASALY #2 SWD	3003927255	SAN JUAN 28-7 UNIT 190G	DK,MV	VASALY #2 SWD
3003926288	SAN JUAN 28-4 UNIT 5C	MV	VASALY #2 SWD	3003927257	SAN JUAN 28-7 UNIT 223F	DK,MV	VASALY #2 SWD
3003926292	SAN JUAN 27-5 UNIT 83M	DK,MV	VASALY #2 SWD	3003927260	SAN JUAN 28-7 UNIT 258F	DK,MV	VASALY #2 SWD
3003926293	SAN JUAN 27-5 UNIT 57M	DK,MV	VASALY #2 SWD	3003927276	SAN JUAN 27-5 UNIT 105N	DK,MV	VASALY #2 SWD
3003926308	SAN JUAN 28-5 UNIT 71N	DK,MV	VASALY #2 SWD	3003927291	SAN JUAN 28-7 UNIT 257F	DK,MV	VASALY #2 SWD
3003926374	SAN JUAN 29-6 UNIT 81M	DK,MV	VASALY #2 SWD	3003927436	SAN JUAN 27-4 UNIT COM 34M	DK,MV	VASALY #2 SWD
3003926376	SAN JUAN 27-4 UNIT 99B	DK,MV	VASALY #2 SWD	3003927458	SAN JUAN 29-7 UNIT 81M	DK,MV	VASALY #2 SWD
3003926378	SAN JUAN 27-4 UNIT 32A	MV	VASALY #2 SWD	3003927510	SAN JUAN 27-4 UNIT 3B	MV	VASALY #2 SWD
3003926431	SAN JUAN 27-4 UNIT 134B	MV	VASALY #2 SWD	3003927541	SAN JUAN 29-6 UNIT 240A	FRC	VASALY #2 SWD
3003926452	SAN JUAN 28-7 UNIT 250M	DK,MV	VASALY #2 SWD	3003927571	SAN JUAN 28-5 UNIT 73N	DK,MV	VASALY #2 SWD
3003926455	SAN JUAN 27-4 UNIT 54M	DK,MV	VASALY #2 SWD	3003927575	SAN JUAN 28-5 UNIT 68N	DK,MV	VASALY #2 SWD
3003926457	SAN JUAN 27-4 UNIT 140A	MV	VASALY #2 SWD	3003927600	SAN JUAN 28-6 UNIT 102N	DK,MV	VASALY #2 SWD
3003926464	SAN JUAN 31-6 UNIT 48M	DK,MV	VASALY #2 SWD	3003927602	SAN JUAN 28-6 UNIT 145N	DK,MV	VASALY #2 SWD
3003926513	SAN JUAN 30-6 UNIT 35A	MV	VASALY #2 SWD	3003927610	SAN JUAN 28-4 UNIT 34M	DK,MV	VASALY #2 SWD
3003926528	SAN JUAN 27-5 UNIT 40F	DK	VASALY #2 SWD	3003927616	SAN JUAN 27-4 UNIT 143A	DK,MV	VASALY #2 SWD
3003926530	SAN JUAN 27-4 UNIT 57M	DK,MV	VASALY #2 SWD	3003927626	SAN JUAN 28-4 UNIT 28A	DK,MV	VASALY #2 SWD
3003926532	SAN JUAN 27-4 UNIT 43M	DK,MV	VASALY #2 SWD	3003927627	SAN JUAN 28-4 UNIT 14A	MV	VASALY #2 SWD
3003926533	SAN JUAN 27-5 UNIT 153R	PC	VASALY #2 SWD	3003927630	SAN JUAN 27-5 UNIT 98N	DK,MV	VASALY #2 SWD
3003926539	SAN JUAN 27-4 UNIT 139M	DK,MV	VASALY #2 SWD	3003927631	SAN JUAN 27-4 UNIT 29B	MV	VASALY #2 SWD
3003926565	SAN JUAN 27-4 UNIT 16Y	DK,MV	VASALY #2 SWD	3003927636	SAN JUAN 28-4 UNIT 26A	MV	VASALY #2 SWD
3003926595	SAN JUAN 27-5 UNIT 123F	DK,MV	VASALY #2 SWD	3003927640	SAN JUAN 27-5 UNIT 98P	DK,MV	VASALY #2 SWD
3003926596	SAN JUAN 28-4 UNIT 32N	DK,MV	VASALY #2 SWD	3003927645	SAN JUAN 27-4 UNIT 7N	DK,MV	VASALY #2 SWD
3003926605	SAN JUAN 28-7 UNIT 249F	DK,MV	VASALY #2 SWD	3003927646	SAN JUAN 27-4 UNIT 46N	DK,MV	VASALY #2 SWD
3003926618	SAN JUAN 29-7 UNIT 58M	DK,MV	VASALY #2 SWD	3003927647	SAN JUAN 27-4 UNIT 58M	DK,MV	VASALY #2 SWD
3003926633	SAN JUAN 28-7 UNIT 159E	DK,MV	VASALY #2 SWD	3003927648	SAN JUAN 27-4 UNIT 51M	DK,MV	VASALY #2 SWD
3003926639	SAN JUAN 28-5 UNIT 23B	MV	VASALY #2 SWD	3003927680	SAN JUAN 29-7 UNIT 80M	DK,MV	VASALY #2 SWD
3003926644	SAN JUAN 28-6 UNIT 94M	DK,MV	VASALY #2 SWD	3003927692	SAN JUAN 28-5 UNIT 67N	DK,MV	VASALY #2 SWD
3003926650	SAN JUAN 29-7 UNIT 72C	MV	VASALY #2 SWD	3003927696	SAN JUAN 28-5 UNIT 89N	DK,MV	VASALY #2 SWD
3003926710	SAN JUAN 28-7 UNIT 284	FRC,PC	VASALY #2 SWD	3003927705	SAN JUAN 28-5 UNIT 42N	DK,MV	VASALY #2 SWD
3003926718	SAN JUAN 28-7 UNIT 199M	DK,MV	VASALY #2 SWD	3003927736	SAN JUAN 27-5 UNIT 106N	DK,MV	VASALY #2 SWD
3003926719	PORKCHOP FEDERAL 27 2E	DK	VASALY #2 SWD	3003927737	SAN JUAN 27-5 UNIT 86N	DK,MV	VASALY #2 SWD
3003926769	SAN JUAN 31-6 UNIT 6M	DK,MV	VASALY #2 SWD	3003927755	SAN JUAN 27-5 UNIT 122P	DK,MV	VASALY #2 SWD
3003926781	SAN JUAN 28-7 UNIT 218E	DK	VASALY #2 SWD	3003927767	SAN JUAN 27-5 UNIT 110N	DK,MV	VASALY #2 SWD
3003926790	SAN JUAN 29-7 UNIT 106N	DK,MV	VASALY #2 SWD	3003927788	SAN JUAN 29-7 UNIT 182	PC	VASALY #2 SWD
3003926823	PORKCHOP FEDERAL 34 1	DK	VASALY #2 SWD	3003927789	SAN JUAN 28-6 UNIT 213N	DK,MV	VASALY #2 SWD
3003926867	SAN JUAN 28-5 UNIT 82M	DK,MV	VASALY #2 SWD	3003927822	SAN JUAN 28-5 UNIT 81N	DK,MV	VASALY #2 SWD
3003926898	SAN JUAN 30-6 UNIT 60B	DK,MV	VASALY #2 SWD	3003927855	SAN JUAN 29-6 UNIT 205A	FRC	VASALY #2 SWD
3003926933	SAN JUAN 27-5 UNIT 108N	DK,MV	VASALY #2 SWD	3003927866	SAN JUAN 29-5 UNIT 5M	DK,MV	VASALY #2 SWD
3003926941	SAN JUAN 28-7 UNIT 132G	DK,MV	VASALY #2 SWD	3003929211	SAN JUAN 29-5 UNIT 66G	DK,MV	VASALY #2 SWD
3003926956	SAN JUAN 28-5 UNIT 86N	DK,MV	VASALY #2 SWD	3003929271	SAN JUAN 28-6 UNIT 119M	DK,MV	VASALY #2 SWD
3003926979	SAN JUAN 28-7 UNIT 223G	DK,MV	VASALY #2 SWD	3003929281	SAN JUAN 28-6 UNIT 144M	DK,MV	VASALY #2 SWD
3003926980	SAN JUAN 28-7 UNIT 186F	DK,MV	VASALY #2 SWD	3003929341	SAN JUAN 28-6 UNIT 121M	DK,MV	VASALY #2 SWD
3003926981	SAN JUAN 28-7 UNIT 136M	DK,MV	VASALY #2 SWD	3003929354	SAN JUAN 28-6 UNIT 119E	DK	VASALY #2 SWD
3003926989	SAN JUAN 28-7 UNIT 145G	DK,MV	VASALY #2 SWD	3003929356	SAN JUAN 28-6 UNIT 117M	DK,MV	VASALY #2 SWD
3003927006	SAN JUAN 28-7 UNIT 241F	DK	VASALY #2 SWD	3003929371	SAN JUAN 27-4 UNIT 53N	DK,GL,MV	VASALY #2 SWD
3003927011	SAN JUAN 30-6 UNIT 96B	DK,MV	VASALY #2 SWD	3003929372	SAN JUAN 27-4 UNIT 30N	DK,MV	VASALY #2 SWD
3003927012	SAN JUAN 28-7 UNIT 218M	DK,MV	VASALY #2 SWD	3003929375	SAN JUAN 27-4 UNIT 37N	DK,MV	VASALY #2 SWD
3003927018	CANYON LARGO UNIT 452	DK	VASALY #2 SWD	3003929376	SAN JUAN 27-4 UNIT 102N	DK,MV	VASALY #2 SWD
3003927026	SAN JUAN 28-7 UNIT 164M	DK,MV	VASALY #2 SWD	3003929399	SAN JUAN 27-4 UNIT 71M	DK,MV	VASALY #2 SWD
3003927028	REUTER 2E	DK,MV	VASALY #2 SWD	3003929428	SAN JUAN 28-6 UNIT 150P	DK,MV	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3003929431	SAN JUAN 28-6 UNIT 207N	DK,MV	VASALY #2 SWD
3003929433	SAN JUAN 28-4 UNIT 30E	DK	VASALY #2 SWD
3003929438	SAN JUAN 30-6 UNIT 419S	FRC	VASALY #2 SWD
3003929447	SAN JUAN 28-6 UNIT 101M	DK,MV	VASALY #2 SWD
3003929458	SAN JUAN 28-6 UNIT 210P	DK,MV	VASALY #2 SWD
3003929555	SAN JUAN 28-5 UNIT 81M	DK,MV	VASALY #2 SWD
3003929559	SAN JUAN 27-4 UNIT 39N	DK,MV	VASALY #2 SWD
3003929564	SAN JUAN 28-6 UNIT 160N	DK,MV	VASALY #2 SWD
3003929573	SAN JUAN 28-6 UNIT 170N	DK,MV	VASALY #2 SWD
3003929600	SAN JUAN 31-6 UNIT 38F	DK,MV	VASALY #2 SWD
3003929617	SAN JUAN 28-6 UNIT 160P	DK,MV	VASALY #2 SWD
3003929622	SAN JUAN 27-5 UNIT 111N	DK,MV	VASALY #2 SWD
3003929623	SAN JUAN 27-5 UNIT 110P	DK,MV	VASALY #2 SWD
3003929633	SAN JUAN 27-5 UNIT 109M	DK,MV	VASALY #2 SWD
3003929670	SAN JUAN 28-6 UNIT 137N	DK,MV	VASALY #2 SWD
3003929692	SAN JUAN 29-7 UNIT 113N	DK,MV	VASALY #2 SWD
3003929693	SAN JUAN 29-5 UNIT 48C	MV	VASALY #2 SWD
3003929696	SAN JUAN 29-7 UNIT 86M	DK,MV	VASALY #2 SWD
3003929701	SAN JUAN 29-7 UNIT 109N	DK,MV	VASALY #2 SWD
3003929703	SAN JUAN 29-7 UNIT 81N	DK,MV	VASALY #2 SWD
3003929710	SAN JUAN 29-7 UNIT 127N	DK,MV	VASALY #2 SWD
3003929724	SAN JUAN 28-6 UNIT 124P	DK,MV	VASALY #2 SWD
3003929726	SAN JUAN 28-5 UNIT 44N	DK,MV	VASALY #2 SWD
3003929731	SAN JUAN 29-7 UNIT 40M	DK,MV	VASALY #2 SWD
3003929732	SAN JUAN 29-5 UNIT 91M	DK,MV	VASALY #2 SWD
3003929733	SAN JUAN 27-5 UNIT 141N	DK,MV	VASALY #2 SWD
3003929739	SAN JUAN 29-5 UNIT 66F	DK,MV	VASALY #2 SWD
3003929743	SAN JUAN 29-7 UNIT 112N	DK,MV	VASALY #2 SWD
3003929745	SAN JUAN 29-7 UNIT 197	FRC,PC	VASALY #2 SWD
3003929767	SAN JUAN 28-6 UNIT 204M	DK,MV	VASALY #2 SWD
3003929768	SAN JUAN 27-4 UNIT 16N	DK,MV	VASALY #2 SWD
3003929797	SAN JUAN 31-6 UNIT 42F	DK,MV	VASALY #2 SWD
3003929803	SAN JUAN 27-4 UNIT 43N	DK,MV	VASALY #2 SWD
3003929808	SAN JUAN 29-6 UNIT 65C	MV	VASALY #2 SWD
3003929819	SAN JUAN 28-5 UNIT 68P	DK,MV	VASALY #2 SWD
3003929820	SAN JUAN 28-5 UNIT 74E	DK	VASALY #2 SWD
3003929824	SAN JUAN 27-5 UNIT 104N	DK,MV	VASALY #2 SWD
3003929826	SAN JUAN 28-5 UNIT 80N	DK,MV	VASALY #2 SWD
3003929827	SAN JUAN 27-5 UNIT 102P	DK,MV	VASALY #2 SWD
3003929836	SAN JUAN 27-4 UNIT 14N	DK,MV	VASALY #2 SWD
3003929837	SAN JUAN 27-4 UNIT 48M	DK,MV	VASALY #2 SWD
3003929850	SAN JUAN 27-5 UNIT 99M	DK,MV	VASALY #2 SWD
3003929897	SAN JUAN 31-6 UNIT 47F	DK,MV	VASALY #2 SWD
3003929924	VAUGHN 14N	DK,MV	VASALY #2 SWD
3003930002	SAN JUAN 29-7 UNIT 75E	DK	VASALY #2 SWD
3003930022	VAUGHN 12N	DK,MV	VASALY #2 SWD
3003930024	SAN JUAN 28-7 UNIT 222F	DK,MV	VASALY #2 SWD
3003930044	SAN JUAN 28-5 UNIT 89F	DK	VASALY #2 SWD
3003930081	SAN JUAN 29-5 UNIT 5G	DK,MV	VASALY #2 SWD
3003930097	SAN JUAN 31-6 UNIT 41F	DK,MV	VASALY #2 SWD
3003930146	SAN JUAN 28-7 UNIT 221F	DK,MV	VASALY #2 SWD
3003930199	SAN JUAN 27-4 UNIT 40N	DK,MV	VASALY #2 SWD
3003930219	SAN JUAN 29-5 UNIT 91F	MV	VASALY #2 SWD
3003930225	SAN JUAN 29-7 UNIT 105M	DK,MV	VASALY #2 SWD
3003930230	SAN JUAN 29-7 UNIT 49N	DK,MV	VASALY #2 SWD
3003930235	SAN JUAN 29-7 UNIT 109P	DK,MV	VASALY #2 SWD
3003930238	SAN JUAN 28-7 UNIT 158M	DK,MV	VASALY #2 SWD
3003930243	SAN JUAN 28-7 UNIT 239M	DK,MV	VASALY #2 SWD
3003930250	SAN JUAN 29-7 UNIT 126M	DK,MV	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3003930262	SAN JUAN 28-7 UNIT 159G	DK,MV	VASALY #2 SWD
3003930263	SAN JUAN 28-5 UNIT 87M	DK,MV	VASALY #2 SWD
3003930264	SAN JUAN 31-6 UNIT 4N	DK,MV	VASALY #2 SWD
3003930266	SAN JUAN 27-4 UNIT 141M	DK,MV	VASALY #2 SWD
3003930267	SAN JUAN 27-4 UNIT 141B	DK,MV	VASALY #2 SWD
3003930268	SAN JUAN 27-4 UNIT 153B	MV	VASALY #2 SWD
3003930269	SAN JUAN 28-7 UNIT 247F	DK,MV	VASALY #2 SWD
3003930275	SAN JUAN 27-4 UNIT 58N	DK,MV	VASALY #2 SWD
3003930276	SAN JUAN 28-7 UNIT 220G	DK,MV	VASALY #2 SWD
3003930288	SAN JUAN 28-7 UNIT 255M	DK,MV	VASALY #2 SWD
3003930289	SAN JUAN 28-7 UNIT 220F	DK,MV	VASALY #2 SWD
3003930294	VAUGHN 12P	DK,MV	VASALY #2 SWD
3003930295	VAUGHN 13N	DK,MV	VASALY #2 SWD
3003930301	SAN JUAN 27-5 UNIT 902	DK,MV	VASALY #2 SWD
3003930306	SAN JUAN 27-5 UNIT 908	DK,MV	VASALY #2 SWD
3003930314	SAN JUAN 29-7 UNIT 58N	DK,MV	VASALY #2 SWD
3003930322	SAN JUAN 29-7 UNIT 66M	DK,MV	VASALY #2 SWD
3003930343	SAN JUAN 27-4 UNIT 147Y	MV	VASALY #2 SWD
3003930344	SAN JUAN 27-4 UNIT 60M	DK,MV	VASALY #2 SWD
3003930345	SAN JUAN 27-4 UNIT 132G	DK	VASALY #2 SWD
3003930352	SAN JUAN 27-4 UNIT 70P	DK,MV	VASALY #2 SWD
3003930363	SAN JUAN 28-5 UNIT 77N	DK,MV	VASALY #2 SWD
3003930365	SAN JUAN 28-5 UNIT 82N	DK,MV	VASALY #2 SWD
3003930372	SAN JUAN 28-5 UNIT 91P	DK,MV	VASALY #2 SWD
3003930375	SAN JUAN 28-7 UNIT 229F	DK,MV	VASALY #2 SWD
3003930376	SAN JUAN 28-7 UNIT 187M	DK,MV	VASALY #2 SWD
3003930377	SAN JUAN 28-4 UNIT 37M	DK,MV	VASALY #2 SWD
3003930380	LIVELY 21N	DK,MAN,MV	VASALY #2 SWD
3003930382	SAN JUAN 28-4 UNIT 17M	DK,MV	VASALY #2 SWD
3003930387	VALDEZ 7P	DK,MV	VASALY #2 SWD
3003930388	JOHNSTON A COM C 9N	DK,MV	VASALY #2 SWD
3003930389	JOHNSTON A 13N	DK,MV	VASALY #2 SWD
3003930400	SAN JUAN 28-5 UNIT 76N	DK,MV	VASALY #2 SWD
3003930406	SAN JUAN 29-7 UNIT 117N	DK,MV	VASALY #2 SWD
3003930409	SAN JUAN 29-7 UNIT 116E	DK,MV	VASALY #2 SWD
3003930413	SAN JUAN 27-4 UNIT 35C	DK,MV	VASALY #2 SWD
3003930416	SAN JUAN 28-5 UNIT 54F	DK,MV	VASALY #2 SWD
3003930419	SAN JUAN 27-4 UNIT 54N	DK,MV	VASALY #2 SWD
3003930420	SAN JUAN 27-4 UNIT 133N	DK,MV	VASALY #2 SWD
3003930423	SAN JUAN 27-5 UNIT 84N	DK,MV	VASALY #2 SWD
3003930433	SAN JUAN 28-5 UNIT 63M	DK,MV	VASALY #2 SWD
3003930440	SAN JUAN 29-7 UNIT 67M	DK,MV	VASALY #2 SWD
3003930446	SAN JUAN 28-5 UNIT 91N	DK,MV	VASALY #2 SWD
3003930448	SAN JUAN 29-7 UNIT 60N	DK,MV	VASALY #2 SWD
3003930450	SAN JUAN 27-4 UNIT 22M	DK,MV	VASALY #2 SWD
3003930471	SAN JUAN 27-4 UNIT 132M	DK,MV	VASALY #2 SWD
3003930484	SAN JUAN 27-4 UNIT 140C	DK,MV	VASALY #2 SWD
3003930485	SAN JUAN 27-4 UNIT 57N	DK,MV	VASALY #2 SWD
3003930488	SAN JUAN 27-4 UNIT 52N	DK,MV	VASALY #2 SWD
3003930489	SAN JUAN 27-4 UNIT 154N	DK,MV	VASALY #2 SWD
3003930490	SAN JUAN 28-5 UNIT 80M	DK,MV	VASALY #2 SWD
3003930491	VALDEZ 7N	DK,MV	VASALY #2 SWD
3003930494	SAN JUAN 27-4 UNIT 57P	DK,MV	VASALY #2 SWD
3003930496	VALDEZ 7M	DK,MV	VASALY #2 SWD
3003930506	SAN JUAN 29-7 UNIT 71M	DK,MV	VASALY #2 SWD
3003930507	SAN JUAN 29-7 UNIT 139M	DK,MV	VASALY #2 SWD
3003930508	SAN JUAN 29-7 UNIT 60M	DK,MV	VASALY #2 SWD
3003930509	SAN JUAN 29-7 UNIT 30M	DK,MV	VASALY #2 SWD
3003930516	SAN JUAN 29-7 UNIT 65M	DK,MV	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	Disposal Site	API	Well Name	Formations	Disposal Site
3003930519	SAN JUAN 29-7 UNIT 105E	DK,MV	VASALY #2 SWD	3004506223	NAVAJO INDIAN B 5	CH,DK,MV	VASALY #2 SWD
3003930543	SAN JUAN 28-6 UNIT 183N	DK,MV	VASALY #2 SWD	3004506226	HUERFANITO UNIT 72	FRC	VASALY #2 SWD
3003930551	SAN JUAN 29-7 UNIT 110N	DK,MV	VASALY #2 SWD	3004506255	TURNER NAVAJO 1	PC	VASALY #2 SWD
3003930559	SAN JUAN 31-6 UNIT 18N	DK,MV	VASALY #2 SWD	3004506261	HUERFANITO UNIT 79	DK,MV	VASALY #2 SWD
3003930563	SAN JUAN 29-7 UNIT 32N	DK,MV	VASALY #2 SWD	3004506328	CLEVELAND 4	FRC,PC	VASALY #2 SWD
3003930564	SAN JUAN 28-6 UNIT 171N	DK,MV	VASALY #2 SWD	3004506331	LODEWICK 5	PC	VASALY #2 SWD
3003930565	SAN JUAN 28-6 UNIT 205N	DK,MV	VASALY #2 SWD	3004506334	CLEVELAND 2	FRC	VASALY #2 SWD
3003930568	SAN JUAN 28-6 UNIT 204N	DK,MV	VASALY #2 SWD	3004506356	HUERFANITO UNIT 97	DK	VASALY #2 SWD
3003930570	SAN JUAN 28-6 UNIT 179N	DK,MV	VASALY #2 SWD	3004506399	HUERFANITO UNIT 95	PC	VASALY #2 SWD
3003930573	SAN JUAN 28-6 UNIT 188N	DK,MV	VASALY #2 SWD	3004506409	CLEVELAND 3	PC	VASALY #2 SWD
3003930584	SAN JUAN 28-6 UNIT 165N	DK,MV	VASALY #2 SWD	3004506486	REESE FEDERAL 1	FRC	VASALY #2 SWD
3003930588	SAN JUAN 28-7 UNIT 199N	DK,MV	VASALY #2 SWD	3004506644	WHITLEY 7	DK	VASALY #2 SWD
3003930600	SAN JUAN 30-6 UNIT 41M	DK,MV	VASALY #2 SWD	3004506701	DAY B 1	PC	VASALY #2 SWD
3003930601	SAN JUAN 28-6 UNIT 167P	DK,MV	VASALY #2 SWD	3004506715	WHITLEY 3	PC	VASALY #2 SWD
3003930603	SAN JUAN 28-6 UNIT 167N	DK,MV	VASALY #2 SWD	3004506781	HANKS 17	DK	VASALY #2 SWD
3003930608	SAN JUAN 28-5 UNIT 2C	MV	VASALY #2 SWD	3004506892	TURNER HUGHES 15	DK,MV	VASALY #2 SWD
3003930613	SAN JUAN 28-6 UNIT 207P	DK,MV	VASALY #2 SWD	3004506956	STOREY C LS 13	DK	VASALY #2 SWD
3003930618	SAN JUAN 27-4 UNIT 109A	DK,MV	VASALY #2 SWD	3004506970	MCLEOD 1	PC	VASALY #2 SWD
3003930633	SAN JUAN 28-6 UNIT 206P	DK,MV	VASALY #2 SWD	3004507028	STOREY C 11	MV,PC	VASALY #2 SWD
3003930638	SAN JUAN 28-6 UNIT 206N	DK,MV	VASALY #2 SWD	3004507054	DAUM LS 6	DK,MV	VASALY #2 SWD
3003930641	SAN JUAN 28-5 UNIT 101P	DK,MV	VASALY #2 SWD	3004507112	OMLER A 3	DK	VASALY #2 SWD
3003930647	SAN JUAN 30-6 UNIT 39M	DK,MV	VASALY #2 SWD	3004507169	GRAMBLING A 3	CH,MV	VASALY #2 SWD
3003930659	SAN JUAN 27-4 UNIT 37P	DK,MV	VASALY #2 SWD	3004507179	MICHENER A LS 4	MV	VASALY #2 SWD
3003930664	SAN JUAN 29-6 UNIT 5N	DK,MV	VASALY #2 SWD	3004507220	LACKEY B LS 4	CH,MV	VASALY #2 SWD
3003930668	SAN JUAN 31-6 UNIT 16N	DK,MV	VASALY #2 SWD	3004507284	FLORANCE C 2	MV	VASALY #2 SWD
3003930687	SAN JUAN 28-7 UNIT 257N	DK,MV	VASALY #2 SWD	3004507289	LACKEY B LS 13	DK	VASALY #2 SWD
3003930694	SAN JUAN 28-6 UNIT 111P	DK,MV	VASALY #2 SWD	3004507298	MCCLANAHAN 16	DK	VASALY #2 SWD
3003930714	SAN JUAN 28-6 UNIT 144N	DK,MV	VASALY #2 SWD	3004507352	STOREY C LS 6	MV,PC	VASALY #2 SWD
3003930721	SAN JUAN 29-6 UNIT 101N	DK,MV	VASALY #2 SWD	3004507418	MCCLANAHAN 20	CH,DK	VASALY #2 SWD
3003930722	SAN JUAN 28-5 UNIT 93N	MV	VASALY #2 SWD	3004507436	MCCLANAHAN 12	FRC,PC	VASALY #2 SWD
3003930728	SAN JUAN 28-6 UNIT 142P	DK,MV	VASALY #2 SWD	3004507446	CAIN 9	DK	VASALY #2 SWD
3003930758	SAN JUAN 28-6 UNIT 156P	DK,MV	VASALY #2 SWD	3004507450	LUCERNE B 1	DK	VASALY #2 SWD
3003930771	SAN JUAN 28-6 UNIT 154N	DK,MV	VASALY #2 SWD	3004507494	SHARP 1	CH,MV	VASALY #2 SWD
3003930773	SAN JUAN 28-7 UNIT 98P	CH,DK,MV	VASALY #2 SWD	3004507515	CAIN 11	DK	VASALY #2 SWD
3003930784	SAN JUAN 29-5 UNIT COM 108A	MV	VASALY #2 SWD	3004507554	REDFERN 5	DK	VASALY #2 SWD
3003930786	SAN JUAN 27-5 UNIT 139P	DK,MV	VASALY #2 SWD	3004507555	ZACHRY 19	DK	VASALY #2 SWD
3003930790	SAN JUAN 28-6 UNIT 122N	DK,MV	VASALY #2 SWD	3004507563	BROWNING STEWART 4	CH	VASALY #2 SWD
3003930797	SAN JUAN 27-5 UNIT 1M	DK,MV	VASALY #2 SWD	3004507599	CONGRESS 6	DK	VASALY #2 SWD
3003930798	SAN JUAN 27-5 UNIT 100N	DK,MV	VASALY #2 SWD	3004507606	BOLIN A 1	MV	VASALY #2 SWD
3003930807	SAN JUAN 28-6 UNIT 184N	DK,MV	VASALY #2 SWD	3004507617	STANDARD OIL COM 1	MV	VASALY #2 SWD
3003930819	SAN JUAN 28-5 UNIT 73P	DK,MV	VASALY #2 SWD	3004507629	ZACHRY 13	FRC,PC	VASALY #2 SWD
3003930831	SAN JUAN 30-6 UNIT 14N	DK,MV	VASALY #2 SWD	3004507645	LARGO FEDERAL 1	DK,MV	VASALY #2 SWD
3003930834	SAN JUAN 30-6 UNIT 39N	DK,MV	VASALY #2 SWD	3004507647	STATE COM G 2	MV	VASALY #2 SWD
3003930850	SAN JUAN 28-6 UNIT 99N	DK,MV	VASALY #2 SWD	3004507659	CONGRESS 7	DK	VASALY #2 SWD
3003930873	SAN JUAN 30-6 UNIT 40N	DK,MV	VASALY #2 SWD	3004507689	STATE 3	MV,PC	VASALY #2 SWD
3003930960	SAN JUAN 27-5 UNIT 117N	DK,MV	VASALY #2 SWD	3004507711	SUMMIT 6	DK	VASALY #2 SWD
3003930965	SAN JUAN 30-6 UNIT 3N	DK,MV	VASALY #2 SWD	3004507718	SAN JUAN 29-9 1	PC	VASALY #2 SWD
3003982359	SAN JUAN 27-5 UNIT 85	DK,MV	VASALY #2 SWD	3004507724	CONGRESS 4	FRC	VASALY #2 SWD
3003982381	SAN JUAN 28-5 UNIT 63	DK,MV	VASALY #2 SWD	3004507739	HAGOOD 4	DK	VASALY #2 SWD
3004505973	HUERFANO UNIT NP 116	DK	VASALY #2 SWD	3004507804	HARDIE B 1	MV	VASALY #2 SWD
3004506021	HUERFANO UNIT 12	FRC	VASALY #2 SWD	3004507835	MANGUM 1	FRC	VASALY #2 SWD
3004506029	HUERFANO UNIT 109	DK,GL	VASALY #2 SWD	3004507937	DALLABETTA 1	PC	VASALY #2 SWD
3004506063	HUERFANITO UNIT 11	PC	VASALY #2 SWD	3004507957	GRAMBLING 3	MV	VASALY #2 SWD
3004506081	HUERFANO UNIT 103	FRC	VASALY #2 SWD	3004507974	SATEGNA 2	DK	VASALY #2 SWD
3004506083	HUERFANO UNIT 99	DK,GL	VASALY #2 SWD	3004508094	MAXEY 1	DK	VASALY #2 SWD
3004506114	HUERFANO UNIT 22	FRC	VASALY #2 SWD	3004508112	MCDANIEL C 1	DK	VASALY #2 SWD
3004506131	HUERFANO UNIT 106	DK,GL	VASALY #2 SWD	3004508206	DAY 3	MV	VASALY #2 SWD
3004506177	HUERFANITO UNIT 78	DK,MV	VASALY #2 SWD	3004508220	REID 1	DK	VASALY #2 SWD
3004506195	SIBYL FEDERAL 1	DK	VASALY #2 SWD	3004508232	MCDANIEL B 1	DK	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004508252	NEW MEXICO B COM 1	DK	VASALY #2 SWD
3004508268	COZZENS 6	DK	VASALY #2 SWD
3004508401	COOPER 4	DK	VASALY #2 SWD
3004508501	GARRETT COM 1	FRC	VASALY #2 SWD
3004508551	COOPER B 1	CH,DK	VASALY #2 SWD
3004508560	NYE FEDERAL 3	MV	VASALY #2 SWD
3004508579	HUDSON 1	DK	VASALY #2 SWD
3004508615	CORNELL 6	PC	VASALY #2 SWD
3004508659	FEDERAL 10	DK,MV	VASALY #2 SWD
3004508664	FOGELSON 4 1	DK	VASALY #2 SWD
3004508688	FIFIELD 2	PC	VASALY #2 SWD
3004508696	GRENIER B 2	PC	VASALY #2 SWD
3004508714	CORNELL SRC 7	PC	VASALY #2 SWD
3004508718	STANDARD 1	DK	VASALY #2 SWD
3004508791	MARTIN 3 1	DK	VASALY #2 SWD
3004508805	OSWELL FEDERAL 1	CH,DK	VASALY #2 SWD
3004508934	MARTIN 34 2	DK	VASALY #2 SWD
3004508977	FEDERAL F 1	DK	VASALY #2 SWD
3004508986	STATE COM AH 30	DK	VASALY #2 SWD
3004509020	WOOD 2	FRC	VASALY #2 SWD
3004509064	MIMS 36 STATE COM 1	DK	VASALY #2 SWD
3004509093	MANSFIELD 1	MV	VASALY #2 SWD
3004509101	HOWELL M 1	MV	VASALY #2 SWD
3004509148	BRUINGTON 29 1	DK	VASALY #2 SWD
3004509149	PAYNE COM 1	MV	VASALY #2 SWD
3004509203	SUNRAY F 1	MV	VASALY #2 SWD
3004509211	MORRIS 5	FRC	VASALY #2 SWD
3004509312	MADDOX WN FEDERAL 4	DK	VASALY #2 SWD
3004509341	JOSE JACQUEZ 1	FRC	VASALY #2 SWD
3004509348	ROSS FEDERAL 1	FRC	VASALY #2 SWD
3004509387	VASALY COM 1	DK,MV	VASALY #2 SWD
3004509395	CARLE 1	MV	VASALY #2 SWD
3004509447	SCHUMACHER 3	FRC,PC	VASALY #2 SWD
3004509465	DELHI COM 1	MV	VASALY #2 SWD
3004509520	GONZALES STATE COM 1	DK	VASALY #2 SWD
3004509562	SCOTT JAMES 1	DK,MV	VASALY #2 SWD
3004509611	NYE 1	MV	VASALY #2 SWD
3004509617	SUNRAY J 1	MV,PC	VASALY #2 SWD
3004509619	NELL HALL 1	DK	VASALY #2 SWD
3004509633	MADDOX A FEDERAL COM 1	DK	VASALY #2 SWD
3004509634	MADDOX WN FEDERAL 2	DK	VASALY #2 SWD
3004509725	FAYE BURDETTE 1	DK	VASALY #2 SWD
3004509742	PIERCE 2	MV	VASALY #2 SWD
3004509744	RIDDLE 3	MV	VASALY #2 SWD
3004509746	PIERCE 3	MV	VASALY #2 SWD
3004509757	NYE SRC 13	DK,MV	VASALY #2 SWD
3004509799	TURNER B COM 1	MV	VASALY #2 SWD
3004509826	HOWELL J 4	MV	VASALY #2 SWD
3004509866	BRUINGTON LS 3	MV,PC	VASALY #2 SWD
3004509939	ZACHRY COM 1	MV	VASALY #2 SWD
3004509977	ZELLA CALLOWAY 1	DK	VASALY #2 SWD
3004509981	YAGER LS 2	MV	VASALY #2 SWD
3004510046	ATLANTIC C 4	MV	VASALY #2 SWD
3004510049	TITT 2	MV	VASALY #2 SWD
3004510060	THOMPSON 7	DK,MV	VASALY #2 SWD
3004510065	LEA FEDERAL 1	DK	VASALY #2 SWD
3004510072	ATLANTIC B 9	MV	VASALY #2 SWD
3004510074	ATLANTIC D COM 1	MV	VASALY #2 SWD
3004510086	TURNER A 1	MV	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004510151	THURSTON LS 1	FRC	VASALY #2 SWD
3004510175	HEATON LS 6	MV,PC	VASALY #2 SWD
3004510185	THOMPSON 5	MV	VASALY #2 SWD
3004510243	EAST 8	DK,MV	VASALY #2 SWD
3004510255	TALIAFERRO 4	DK	VASALY #2 SWD
3004510266	THOMPSON 6	DK,MV	VASALY #2 SWD
3004510341	BRUINGTON SRC 1	MV	VASALY #2 SWD
3004510350	EAST 10	DK,MV	VASALY #2 SWD
3004510362	ATLANTIC A 8	MV	VASALY #2 SWD
3004510395	OLIVER SRC 1	DK,MV	VASALY #2 SWD
3004510465	ATLANTIC COM B 8	MV	VASALY #2 SWD
3004510497	RICHARDSON SRC 6	MV	VASALY #2 SWD
3004510536	TURNER SRC 1	MV	VASALY #2 SWD
3004510594	LAMBE 2	MV	VASALY #2 SWD
3004510599	EAST 11	DK,MV,PC	VASALY #2 SWD
3004510600	QUINN 6	MV	VASALY #2 SWD
3004510609	LAMBE 3	MV	VASALY #2 SWD
3004510637	EAST 6	FRC,PC	VASALY #2 SWD
3004510657	HUDSON 5	MV	VASALY #2 SWD
3004510673	GRENIER 12	DK,MV	VASALY #2 SWD
3004510723	RICHARDSON SRC 7	DK	VASALY #2 SWD
3004510758	SEYMOUR 8	MV	VASALY #2 SWD
3004510770	BROOKHAVEN COM G 9	DK,MV	VASALY #2 SWD
3004510783	BROOKHAVEN COM A 2	MV	VASALY #2 SWD
3004510794	NEWBERRY LS 6	MV	VASALY #2 SWD
3004510801	QUINN 7	MV	VASALY #2 SWD
3004510814	EAST 7	DK,MV	VASALY #2 SWD
3004510857	DAVIS 8	MV	VASALY #2 SWD
3004510869	JOHNSTON FEDERAL 8	MV	VASALY #2 SWD
3004510872	LARCHER 1	MV	VASALY #2 SWD
3004510927	SAN JUAN 32-9 UNIT 44	MV	VASALY #2 SWD
3004510931	DAVIS 1	MV	VASALY #2 SWD
3004510946	DAVIS 10	DK,MV	VASALY #2 SWD
3004510965	NEWBERRY 8	MV	VASALY #2 SWD
3004510994	LUCERNE A 3	MV	VASALY #2 SWD
3004511012	PATTERSON A COM 1	DK,MV	VASALY #2 SWD
3004511019	PRIMO 1	MV	VASALY #2 SWD
3004511085	DAVIS 13	DK,MV	VASALY #2 SWD
3004511131	SAN JUAN 32-9 UNIT 29	MV	VASALY #2 SWD
3004511280	PAYNE FEDERAL 5	MV	VASALY #2 SWD
3004511361	PAYNE 4	MV	VASALY #2 SWD
3004511559	HUERFANO UNIT 144	FRC,PC	VASALY #2 SWD
3004511585	HARRIS MESA FEDERAL 1	DK	VASALY #2 SWD
3004511593	RIDDLE B 11	DK,MV	VASALY #2 SWD
3004511608	STATE 1	FRC	VASALY #2 SWD
3004511663	NYE SRC 14	DK,MV	VASALY #2 SWD
3004511668	GRENIER 15	DK,MV	VASALY #2 SWD
3004511698	GRENIER 17	DK,MV	VASALY #2 SWD
3004511701	THOMPSON 11	DK,MV	VASALY #2 SWD
3004511731	HANKS 20	PC	VASALY #2 SWD
3004511766	HUERFANITO UNIT 101	MV	VASALY #2 SWD
3004511800	CULPEPPER MARTIN SRC 10	DK,MV	VASALY #2 SWD
3004511814	BURROUGHS COM C 5	DK	VASALY #2 SWD
3004511821	CULPEPPER MARTIN 16	DK,MV	VASALY #2 SWD
3004511826	MOORE COM 1	DK	VASALY #2 SWD
3004511885	OMLER A 5	DK,MV	VASALY #2 SWD
3004511886	HOWELL J 3R	MV	VASALY #2 SWD
3004511892	NEWBERRY A 2	DK	VASALY #2 SWD
3004511907	COLE A 1	DK	VASALY #2 SWD

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Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004511998	REID B 2	DK	VASALY #2 SWD
3004512001	BLOOMFIELD 1	DK	VASALY #2 SWD
3004512002	SAIZ 1	DK	VASALY #2 SWD
3004512049	DECKER 2	DK,MV	VASALY #2 SWD
3004512086	HUERFANITO 10	DK	VASALY #2 SWD
3004512167	HUERFANITO UNIT 9	DK	VASALY #2 SWD
3004512178	RICHARDSON 11	DK,MV	VASALY #2 SWD
3004512185	NEWBERRY A 4	DK	VASALY #2 SWD
3004512188	NEW MEXICO COM N 1	FRC,PC	VASALY #2 SWD
3004512189	HUERFANITO UNIT 82	CH,DK,MV	VASALY #2 SWD
3004513041	HUDSON A D 5	DK	VASALY #2 SWD
3004513063	HANCOCK B 6	GL	VASALY #2 SWD
3004513065	HANCOCK B 5	CH,DK	VASALY #2 SWD
3004513067	ZACHRY 14	DK	VASALY #2 SWD
3004513094	SCOTT 1	DK	VASALY #2 SWD
3004513226	WOODRIVER 2	MV	VASALY #2 SWD
3004513231	STOREY B LS 3	MV	VASALY #2 SWD
3004513254	LACKEY B LS 8	MV,PC	VASALY #2 SWD
3004513326	KELLY A 3	MV	VASALY #2 SWD
3004513365	HUERFANITO UNIT 93	FRC	VASALY #2 SWD
3004513369	STATE 32	DK,MV	VASALY #2 SWD
3004520003	HUERFANO UNIT 156	DK	VASALY #2 SWD
3004520074	REID PRI 1	DK	VASALY #2 SWD
3004520121	KELLY 2	MV	VASALY #2 SWD
3004520125	SHAW 1R	MV	VASALY #2 SWD
3004520199	BAY MARE 1	DK	VASALY #2 SWD
3004520252	HUERFANO UNIT 175	DK	VASALY #2 SWD
3004520265	HUERFANO UNIT 176	DK	VASALY #2 SWD
3004520267	WOOD WN FEDERAL 1	DK,MV	VASALY #2 SWD
3004520268	STATE E GAS COM 1	DK	VASALY #2 SWD
3004520273	HUERFANO UNIT 127R	DK	VASALY #2 SWD
3004520363	LODEWICK 11	FRC,PC	VASALY #2 SWD
3004520401	HUERFANO UNIT 119	DK	VASALY #2 SWD
3004520484	HUERFANO UNIT 197	DK	VASALY #2 SWD
3004520488	EAST 14	FRC,PC	VASALY #2 SWD
3004520509	THOMPSON 13	FRC,FRS	VASALY #2 SWD
3004520518	COOPER 6	FRC,FRS	VASALY #2 SWD
3004520524	COOPER 7	FRC,PC	VASALY #2 SWD
3004520531	HUERFANO UNIT 186	DK	VASALY #2 SWD
3004520533	GRENIER 21	FRC,FRS,PC	VASALY #2 SWD
3004520555	EAST 20	FRC	VASALY #2 SWD
3004520560	HARDIE A 2R	MV	VASALY #2 SWD
3004520599	HUERFANO UNIT 207	DK	VASALY #2 SWD
3004520608	HUERFANO UNIT 201	DK	VASALY #2 SWD
3004520718	EAST 21	FRC,PC	VASALY #2 SWD
3004520764	HUERFANO UNIT 213	DK	VASALY #2 SWD
3004520814	HUERFANO UNIT NP 219	GL	VASALY #2 SWD
3004520821	HANCOCK B 10	PC	VASALY #2 SWD
3004520834	HUERFANO UNIT 223	FRC	VASALY #2 SWD
3004520838	HUERFANO UNIT 225	DK	VASALY #2 SWD
3004520839	HUERFANO UNIT 222	DK	VASALY #2 SWD
3004520868	VASALY FEDERAL 1Y	MV	VASALY #2 SWD
3004520985	NYE SRC 15	DK	VASALY #2 SWD
3004521117	HUERFANO UNIT 231	FRC	VASALY #2 SWD
3004521170	SUNRAY K COM A 2	PC	VASALY #2 SWD
3004521221	HUERFANO UNIT 241	GL	VASALY #2 SWD
3004521284	HUERFANO UNIT 247	GL	VASALY #2 SWD
3004521294	BRUINGTON LS 5	PC	VASALY #2 SWD
3004521397	HUERFANO UNIT 68	DK	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004521405	HUERFANO UNIT 73	DK	VASALY #2 SWD
3004521408	HUERFANO UNIT NP 257	FRC	VASALY #2 SWD
3004521410	HUERFANO UNIT 260	DK	VASALY #2 SWD
3004521413	HUERFANO UNIT 256	GL	VASALY #2 SWD
3004521617	KELLY A 5	PC	VASALY #2 SWD
3004521633	STATE COM G 2A	MV,PC	VASALY #2 SWD
3004521634	STATE COM J 6A	MV	VASALY #2 SWD
3004521665	HOWELL K 3A	MV	VASALY #2 SWD
3004521703	STATE COM I 5A	MV	VASALY #2 SWD
3004521706	STATE COM L 8A	MV	VASALY #2 SWD
3004521719	HOWELL E 1A	MV,PC	VASALY #2 SWD
3004521727	PIERCE A 1A	MV	VASALY #2 SWD
3004521760	SEYMOUR 5A	MV	VASALY #2 SWD
3004521795	GRENIER 4A	MV,PC	VASALY #2 SWD
3004521815	PIERCE 2A	MV	VASALY #2 SWD
3004521886	LARCHER 1A	MV	VASALY #2 SWD
3004521921	HALE 3A	MV	VASALY #2 SWD
3004521966	KELLY A 1A	MV	VASALY #2 SWD
3004521967	SCOTT 7A	MV	VASALY #2 SWD
3004521994	SCOTT 2A	MV,PC	VASALY #2 SWD
3004522104	RANDLEMAN 1A	MV	VASALY #2 SWD
3004522106	TURNER SRC 1A	MV	VASALY #2 SWD
3004522110	CHILDERS 1A	MV,PC	VASALY #2 SWD
3004522111	DUSENBERRY 1A	MV	VASALY #2 SWD
3004522169	HELMS FEDERAL 1A	MV,PC	VASALY #2 SWD
3004522252	ATLANTIC COM B 8A	MV	VASALY #2 SWD
3004522265	DAVIS 5A	MV,PC	VASALY #2 SWD
3004522315	VASALY FEDERAL 1A	MV	VASALY #2 SWD
3004522340	WALKER KOCH 1R	MV,PC	VASALY #2 SWD
3004522371	JOHNSTON FEDERAL 8A	MV	VASALY #2 SWD
3004522374	ROELOFS A 2R	MV	VASALY #2 SWD
3004522387	SCOTT 4A	MV	VASALY #2 SWD
3004522388	ATLANTIC 6A	MV,PC	VASALY #2 SWD
3004522389	ATLANTIC A 8A	MV	VASALY #2 SWD
3004522439	MADDOX WALLER 1A	MV	VASALY #2 SWD
3004522503	SCOTT 6A	MV	VASALY #2 SWD
3004522524	SUNRAY A 2A	MV	VASALY #2 SWD
3004522527	SUNRAY A 1A	MV	VASALY #2 SWD
3004522547	SCOTT 5A	MV	VASALY #2 SWD
3004522730	ATLANTIC A 7A	MV,PC	VASALY #2 SWD
3004522743	SCOTT 1A	MV	VASALY #2 SWD
3004522751	SAN JUAN 23A	CH,MV	VASALY #2 SWD
3004522778	EL PASO 1A	MV	VASALY #2 SWD
3004522815	SUNRAY G 1A	MV,PC	VASALY #2 SWD
3004522826	MOORE LS 7A	MV	VASALY #2 SWD
3004522830	HARDIE B 1A	MV	VASALY #2 SWD
3004522839	PATTERSON B COM 1A	MV	VASALY #2 SWD
3004522840	DECKER A 1A	MV	VASALY #2 SWD
3004522850	HARPER 1A	MV	VASALY #2 SWD
3004522882	OLIVER 1A	MV	VASALY #2 SWD
3004522894	SAN JUAN 32-9 UNIT 6A	MV	VASALY #2 SWD
3004522895	SAN JUAN 32-9 UNIT 19A	MV	VASALY #2 SWD
3004522896	SAN JUAN 32-9 UNIT 1A	MV	VASALY #2 SWD
3004522898	SAN JUAN 32-9 UNIT 20A	MV	VASALY #2 SWD
3004522900	SAN JUAN 32-9 UNIT 43A	MV	VASALY #2 SWD
3004522901	SAN JUAN 32-9 UNIT 96	PC	VASALY #2 SWD
3004522908	SAN JUAN 32-9 UNIT 31A	MV	VASALY #2 SWD
3004522910	SAN JUAN 32-9 UNIT 22A	MV	VASALY #2 SWD
3004522915	SADIE WEST 1A	MV	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004522943	STATE COM F 1A	MV	VASALY #2 SWD
3004522997	HUNSAKER 2R	MV	VASALY #2 SWD
3004523052	HUBBARD LS 2A	MV	VASALY #2 SWD
3004523053	SINCLAIR COM 1A	MV	VASALY #2 SWD
3004523054	MOORE LS 6A	MV	VASALY #2 SWD
3004523105	HANKS 24	CH,MV	VASALY #2 SWD
3004523111	CAIN 3R	CH,MV	VASALY #2 SWD
3004523125	CHILDERS 2	FRC,PC	VASALY #2 SWD
3004523129	JERNIGAN 3A	CH,MV	VASALY #2 SWD
3004523137	LUCERNE A 1A	MV	VASALY #2 SWD
3004523146	GAGE 3	DK,MV	VASALY #2 SWD
3004523156	KELLY B 1A	MV,PC	VASALY #2 SWD
3004523157	RIDDLE B 1A	MV,PC	VASALY #2 SWD
3004523164	SUNRAY E 2A	MV	VASALY #2 SWD
3004523165	SUNRAY E 1A	MV	VASALY #2 SWD
3004523166	SUNRAY B 1A	MV	VASALY #2 SWD
3004523167	RIDDLE B 3A	MV	VASALY #2 SWD
3004523190	HARE 22	MV,PC	VASALY #2 SWD
3004523283	ATLANTIC 13	PC	VASALY #2 SWD
3004523312	SAN JUAN 32-9 UNIT 33A	MV	VASALY #2 SWD
3004523315	SAN JUAN 32-9 UNIT 18A	MV	VASALY #2 SWD
3004523318	THOMPSON 2A	MV	VASALY #2 SWD
3004523319	THOMPSON 9A	MV	VASALY #2 SWD
3004523385	RANDLEMON 1A	MV,PC	VASALY #2 SWD
3004523414	RIPLEY 2A	DK,MV	VASALY #2 SWD
3004523473	SAN JUAN 32-9 UNIT 29A	MV	VASALY #2 SWD
3004523532	MIMS STATE COM 1A	MV,PC	VASALY #2 SWD
3004523639	NAVAJO INDIAN B 5M	CH,DK,MV	VASALY #2 SWD
3004523644	DUSENBERRY 3E	DK,GL,MV	VASALY #2 SWD
3004523647	HARPER 2E	DK	VASALY #2 SWD
3004523671	COZZENS C 1E	CH,DK	VASALY #2 SWD
3004523673	REID PRI 1E	DK	VASALY #2 SWD
3004523730	WILSON 2	CH,FRC	VASALY #2 SWD
3004523741	NEWBERRY LS 6A	MV	VASALY #2 SWD
3004523743	STATE COM AF 28E	DK,MV	VASALY #2 SWD
3004523745	STATE COM AJ 34E	DK	VASALY #2 SWD
3004523750	MCCLANAHAN 17E	CH,DK,MV	VASALY #2 SWD
3004523794	RICHARDSON 7E	DK,MV	VASALY #2 SWD
3004523815	SHARP 2A	CH,MV	VASALY #2 SWD
3004523830	SUNRAY J 1A	MV,PC	VASALY #2 SWD
3004523845	LODEWICK 10E	DK	VASALY #2 SWD
3004523851	HARDIE D 1A	MV,PC	VASALY #2 SWD
3004523878	LODEWICK 11E	DK	VASALY #2 SWD
3004523896	NEWMAN A 8E	DK	VASALY #2 SWD
3004523903	COOPER 4E	DK	VASALY #2 SWD
3004523911	PAYNE 4A	DK,MV	VASALY #2 SWD
3004523925	HARDIE D 2A	CH,MV	VASALY #2 SWD
3004523934	BLOOMFIELD 1E	DK	VASALY #2 SWD
3004523935	COZZENS B 1E	DK	VASALY #2 SWD
3004523959	PATTERSON B COM 1E	DK	VASALY #2 SWD
3004523973	CAIN 9E	CH,DK	VASALY #2 SWD
3004523994	REDFERN 4E	DK	VASALY #2 SWD
3004524002	MCDANIEL C 1E	DK	VASALY #2 SWD
3004524006	REID 1E	DK	VASALY #2 SWD
3004524015	YEAGER COM 1	DK,MV	VASALY #2 SWD
3004524018	DAVIS 13E	DK	VASALY #2 SWD
3004524019	RICHARDSON 8E	DK,GL	VASALY #2 SWD
3004524034	COOPER 1E	DK	VASALY #2 SWD
3004524037	STATE COM AH 30E	DK	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004524053	HANCOCK 7E	DK	VASALY #2 SWD
3004524058	FEDERAL 10E	DK,MV	VASALY #2 SWD
3004524059	FEDERAL 6E	DK	VASALY #2 SWD
3004524060	SATEGNA 2E	DK	VASALY #2 SWD
3004524065	SUNRAY C 1A	MV	VASALY #2 SWD
3004524067	SAN JUAN 32-9 UNIT 12A	MV	VASALY #2 SWD
3004524068	SAN JUAN 32-9 UNIT 35A	MV	VASALY #2 SWD
3004524080	OMLER A 3E	CH,DK	VASALY #2 SWD
3004524106	MCCLANAHAN 20E	DK,GL	VASALY #2 SWD
3004524107	MCCLANAHAN 19E	CH,DK	VASALY #2 SWD
3004524117	COLE A 1E	CH,DK	VASALY #2 SWD
3004524131	FEDERAL 5E	DK	VASALY #2 SWD
3004524146	EAST 7E	DK,PC	VASALY #2 SWD
3004524207	OMLER A 1E	CH,DK	VASALY #2 SWD
3004524313	W M HANLEY 1E	DK	VASALY #2 SWD
3004524316	SHEPHERD & KELSEY 1E	CH,DK	VASALY #2 SWD
3004524340	SALMON 1E	CH,DK	VASALY #2 SWD
3004524362	WITT 1E	CH,DK	VASALY #2 SWD
3004524417	ALBRIGHT 6E	DK	VASALY #2 SWD
3004524435	MCDANIEL B 1E	DK	VASALY #2 SWD
3004524442	HUGHES 2E	DK	VASALY #2 SWD
3004524457	SCHLOSSER WN FEDERAL 6E	DK	VASALY #2 SWD
3004524497	REID A SRC 1M	CH,DK,MV	VASALY #2 SWD
3004524581	LIVELY 18E	CH,DK,MV	VASALY #2 SWD
3004524673	MANGUM 1E	DK	VASALY #2 SWD
3004524740	HILLSTROM 3	FRC,PC	VASALY #2 SWD
3004524759	SUMMIT 11	CH	VASALY #2 SWD
3004524772	CALVIN 1E	DK	VASALY #2 SWD
3004524773	DUSTIN 1E	CH,DK	VASALY #2 SWD
3004524838	CONGRESS 6E	CH	VASALY #2 SWD
3004524846	HUERFANO UNIT 144E	DK	VASALY #2 SWD
3004524939	HARDIE 2E	DK	VASALY #2 SWD
3004525004	MADDOX D FEDERAL COM 1E	DK	VASALY #2 SWD
3004525030	HOLDER A 1E	DK,GL	VASALY #2 SWD
3004525047	HELMS FEDERAL 1E	DK,MV	VASALY #2 SWD
3004525056	ALBRIGHT 8E	DK,MV	VASALY #2 SWD
3004525058	SANCHEZ 3E	DK,MV	VASALY #2 SWD
3004525085	SCOTT 1E	DK	VASALY #2 SWD
3004525086	MOORE COM 1E	DK,MV	VASALY #2 SWD
3004525114	CULPEPPER MARTIN 1E	DK,MV	VASALY #2 SWD
3004525146	STATE B GAS COM 1E	DK	VASALY #2 SWD
3004525302	OMLER A 11	FRC	VASALY #2 SWD
3004525315	JACKSON 3	FRC,MV	VASALY #2 SWD
3004525328	CAIN 15M	DK,MV	VASALY #2 SWD
3004525337	CALLOWAY 3	DK,MV,PC	VASALY #2 SWD
3004525419	STATE N 1M	DK,MV	VASALY #2 SWD
3004525433	PIERCE FEE A 3	MV	VASALY #2 SWD
3004525488	ZACHRY 42	GL	VASALY #2 SWD
3004525530	ANGEL PEAK B 22E	CH,DK,GL	VASALY #2 SWD
3004525559	BRUINGTON GAS COM C 1E	CH,MV	VASALY #2 SWD
3004525595	ZACHRY 57	GL	VASALY #2 SWD
3004525611	ZACHRY 51	GL,MV	VASALY #2 SWD
3004525649	ZACHRY 56	GL	VASALY #2 SWD
3004525654	ANGEL PEAK B 37	CH,FRC	VASALY #2 SWD
3004525673	CONGRESS 18	GL,PC	VASALY #2 SWD
3004525689	ALBRIGHT 10	FRC,MV	VASALY #2 SWD
3004525695	MOORE 1E	DK	VASALY #2 SWD
3004525698	ANGEL PEAK 29	CH,GL	VASALY #2 SWD
3004525760	STOREY C 1E	DK	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004525769	STOREY C 3E	DK	VASALY #2 SWD
3004525797	HOUCK COM 1	DK,MV	VASALY #2 SWD
3004525821	HANKS 13E	DK	VASALY #2 SWD
3004525827	HOLLOWAY FEDERAL 1E	DK	VASALY #2 SWD
3004525921	SHEPHERD & KELSEY C 1	CH	VASALY #2 SWD
3004525935	NYE SRC 14A	MV	VASALY #2 SWD
3004525936	CHILDERS 3	DK,MV	VASALY #2 SWD
3004525952	FEDERAL 1E	DK	VASALY #2 SWD
3004525980	LEA FEDERAL 1E	FRC	VASALY #2 SWD
3004526023	SENER FEDERAL 1E	DK	VASALY #2 SWD
3004526030	MCCORD 1E	DK	VASALY #2 SWD
3004526033	NEWBERRY A 2E	DK	VASALY #2 SWD
3004526048	BUNNY ET AL 1E	DK,MV	VASALY #2 SWD
3004526058	BLANCO 29-12 COM 1E	DK	VASALY #2 SWD
3004526141	DUFF GAS COM 1E	FRC	VASALY #2 SWD
3004526145	SCHLOSSER WN FEDERAL 2R	DK	VASALY #2 SWD
3004526146	SCHLOSSER WN FEDERAL 1R	DK	VASALY #2 SWD
3004526243	HUERFANO UNIT 215E	DK	VASALY #2 SWD
3004526244	HUERFANO UNIT 122E	DK	VASALY #2 SWD
3004526280	HUERFANO UNIT 202E	DK	VASALY #2 SWD
3004526371	TURNER HUGHES 17A	CH,MV	VASALY #2 SWD
3004526374	HANCOCK 5A	CH,MV	VASALY #2 SWD
3004526375	HANCOCK B 1A	CH,MV	VASALY #2 SWD
3004526381	TURNER HUGHES 15A	CH,MV	VASALY #2 SWD
3004526428	HUERFANO UNIT 108E	DK	VASALY #2 SWD
3004526445	STOREY C 11A	MV	VASALY #2 SWD
3004526464	HANCOCK 3A	CH,MV	VASALY #2 SWD
3004526484	PHILLIPS 1A	MV	VASALY #2 SWD
3004526533	HUGHES 10A	CH,MV	VASALY #2 SWD
3004526583	WILMUTH 1A	MV,PC	VASALY #2 SWD
3004526594	LACKEY B LS 11A	MV	VASALY #2 SWD
3004526608	PIERCE A 4E	DK	VASALY #2 SWD
3004526616	MADDOX WN FEDERAL 1E	DK	VASALY #2 SWD
3004526626	FULLER 3	MV	VASALY #2 SWD
3004526667	HUERFANO UNIT 200E	DK	VASALY #2 SWD
3004526675	HUERFANO UNIT 177E	DK	VASALY #2 SWD
3004526676	HUERFANO UNIT 197E	DK	VASALY #2 SWD
3004526681	HUERFANO UNIT 128E	DK	VASALY #2 SWD
3004526689	HUERFANO UNIT 225E	DK	VASALY #2 SWD
3004526737	SANCHEZ 3A	MV	VASALY #2 SWD
3004526815	MURPHY COM 3	MV	VASALY #2 SWD
3004526830	HARTMAN COM 6	MV	VASALY #2 SWD
3004526838	KESSLER COM 3	MV	VASALY #2 SWD
3004526840	SCOTT 100	FRC	VASALY #2 SWD
3004526845	HARTMAN COM 4	MV	VASALY #2 SWD
3004526865	CALLOWAY 1A	MV	VASALY #2 SWD
3004526918	HOWELL E 300	FRC	VASALY #2 SWD
3004526935	TURNER B COM A 200	FRC	VASALY #2 SWD
3004526946	HOWELL J 300	FRC	VASALY #2 SWD
3004526954	SUNRAY G 251	FRC	VASALY #2 SWD
3004527023	TURNER 251	FRC	VASALY #2 SWD
3004527024	STOREY B LS 3A	MV	VASALY #2 SWD
3004527074	SUNRAY A 210	FRC	VASALY #2 SWD
3004527105	MANSFIELD COM 260	FRC	VASALY #2 SWD
3004527181	LLOYD B 600	FRC	VASALY #2 SWD
3004527202	HUERFANO UNIT NP 154	FRC	VASALY #2 SWD
3004527229	CLEVELAND 220	FRC	VASALY #2 SWD
3004527291	HUBBELL COM 296	FRC	VASALY #2 SWD
3004527292	SHARP 800	FRC	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004527303	CULPEPPER MARTIN 109	FRC	VASALY #2 SWD
3004527447	SAN JUAN 32-8 UNIT 207	FRC	VASALY #2 SWD
3004527527	PIERCE 1R	MV	VASALY #2 SWD
3004527528	SUNRAY A 2R	MV	VASALY #2 SWD
3004527598	SAN JUAN 32-9 UNIT NP 210	FRC	VASALY #2 SWD
3004527600	SAN JUAN 32-9 UNIT 228	FRC	VASALY #2 SWD
3004527605	BROOKHAVEN COM B 3R	MV	VASALY #2 SWD
3004527608	ATLANTIC COM A 7R	MV	VASALY #2 SWD
3004527644	LAWSON 1R	MV	VASALY #2 SWD
3004527645	HORTON 1R	MV	VASALY #2 SWD
3004527649	HALE 351	FRC	VASALY #2 SWD
3004527699	CULPEPPER MARTIN 6	FRC	VASALY #2 SWD
3004527716	LODEWICK 12	FRC	VASALY #2 SWD
3004527717	LODEWICK 13	FRC	VASALY #2 SWD
3004527731	FC STATE COM 20	FRC	VASALY #2 SWD
3004527732	FC STATE COM 21	FRC	VASALY #2 SWD
3004527860	SAN JUAN 32-9 UNIT 254	FRC	VASALY #2 SWD
3004527861	SAN JUAN 32-9 UNIT 260	FRC	VASALY #2 SWD
3004527865	RICHARDSON 102	FRC	VASALY #2 SWD
3004527897	SAN JUAN 32-9 UNIT 259	FRC	VASALY #2 SWD
3004527902	EAGLE 750	FRC	VASALY #2 SWD
3004527933	SAN JUAN 32-9 UNIT 253	FRC	VASALY #2 SWD
3004527966	SAN JUAN 32-9 UNIT 300	FRC	VASALY #2 SWD
3004528031	SAN JUAN 32-9 UNIT 271	FRC	VASALY #2 SWD
3004528038	SAN JUAN 32-9 UNIT 295	FRC	VASALY #2 SWD
3004528039	SAN JUAN 32-9 UNIT 297	FRC	VASALY #2 SWD
3004528091	JACQUEZ 331	FRC	VASALY #2 SWD
3004528095	SAN JUAN 32-9 UNIT 106	PC	VASALY #2 SWD
3004528101	SAN JUAN 32-9 UNIT 287	FRC	VASALY #2 SWD
3004528132	SAN JUAN 32-8 UNIT 238	FRC	VASALY #2 SWD
3004528252	NORDHAUS 716	FRC	VASALY #2 SWD
3004528322	SAN JUAN 32-8 UNIT 245	FRC	VASALY #2 SWD
3004528410	SAN JUAN 32-9 UNIT 274	FRC	VASALY #2 SWD
3004528416	SAN JUAN 32-8 UNIT 236	FRC	VASALY #2 SWD
3004528453	QUINN 341	FRC	VASALY #2 SWD
3004528572	SAN JUAN 32-9 UNIT 111	PC	VASALY #2 SWD
3004528625	GRAMBLING C 2R	MV	VASALY #2 SWD
3004528668	STEWART 19 2	FRC	VASALY #2 SWD
3004528850	SAN JUAN 32-9 UNIT 221	FRC	VASALY #2 SWD
3004528895	SHIOTANI FEDERAL 500	FRC,PC	VASALY #2 SWD
3004528909	SHIOTANI FEDERAL COM 400	FRC,PC	VASALY #2 SWD
3004528933	ATLANTIC 5R	MV	VASALY #2 SWD
3004528934	CULPEPPER MARTIN 107	FRC	VASALY #2 SWD
3004528935	STATE COM 361	FRC	VASALY #2 SWD
3004528940	SAN JUAN 32-9 UNIT 44A	MV	VASALY #2 SWD
3004528942	SAN JUAN 32-9 UNIT 18R	MV	VASALY #2 SWD
3004528944	RHODES C 102	FRC,PC	VASALY #2 SWD
3004528955	SAN JUAN 32-9 UNIT 4R	MV	VASALY #2 SWD
3004528962	JOHNSTON FEDERAL 7B	MV	VASALY #2 SWD
3004528964	RHODES C 101	FRC,PC	VASALY #2 SWD
3004528977	HUERFANO UNIT 82M	CH	VASALY #2 SWD
3004528988	SAN JUAN 32-9 UNIT 114	MV	VASALY #2 SWD
3004528999	HUERFANO UNIT 505	FRC	VASALY #2 SWD
3004529011	HUERFANO UNIT 500	FRC	VASALY #2 SWD
3004529026	SULLIVAN 1R	MV	VASALY #2 SWD
3004529056	JOHNS FEDERAL 1R	MV	VASALY #2 SWD
3004529083	STATE COM Q 13R	DK,MV	VASALY #2 SWD
3004529152	SAN JUAN 32-9 UNIT 115	PC	VASALY #2 SWD
3004529176	HUERFANO UNIT 510	FRC	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004529204	BROOKHAVEN COM 7	MV	VASALY #2 SWD
3004529207	RIDDLE E 1R	MV	VASALY #2 SWD
3004529208	HOWELL D 2R	MV	VASALY #2 SWD
3004529213	MUNOZ 1R	MV	VASALY #2 SWD
3004529268	SAN JUAN 32-9 UNIT 24A	MV,PC	VASALY #2 SWD
3004529277	SAN JUAN 32-9 UNIT 46A	MV	VASALY #2 SWD
3004529311	SAN JUAN 32-9 UNIT 37A	MV,PC	VASALY #2 SWD
3004529352	SAN JUAN 32-9 UNIT 4B	MV	VASALY #2 SWD
3004529356	MARTIN 1R	FRC,FRS,PC	VASALY #2 SWD
3004529374	PRIMO 1B	FRC,MV	VASALY #2 SWD
3004529399	SEYMOUR 7A	MV	VASALY #2 SWD
3004529406	GRENIER B 4E	CH,DK,MV	VASALY #2 SWD
3004529442	STATE 32E	DK,MV	VASALY #2 SWD
3004529443	SAN JUAN 32-9 UNIT 49A	MV	VASALY #2 SWD
3004529450	MURPHY D 4A	MV	VASALY #2 SWD
3004529483	AZTEC A 1A	MV	VASALY #2 SWD
3004529522	STATE E GAS COM 2	MV	VASALY #2 SWD
3004529524	SUNRAY C 1B	MV	VASALY #2 SWD
3004529527	HARE 14A	CH,MV	VASALY #2 SWD
3004529528	LACKEY A 3R	CH,MV	VASALY #2 SWD
3004529538	CORNELL 5R	PC	VASALY #2 SWD
3004529541	HARTMAN COM 6A	MV	VASALY #2 SWD
3004529550	HUERFANO UNIT 121E	DK	VASALY #2 SWD
3004529562	LUDWICK LS 19M	DK,MV	VASALY #2 SWD
3004529569	THOMPSON 1R	MV	VASALY #2 SWD
3004529587	35 1	FRC	VASALY #2 SWD
3004529620	SAN JUAN 32-9 UNIT 50A	MV	VASALY #2 SWD
3004529627	SAN JUAN 32-9 UNIT 40A	MV	VASALY #2 SWD
3004529646	EAST 5M	DK,MV	VASALY #2 SWD
3004529735	FEDERAL G 1M	DK,MV	VASALY #2 SWD
3004529744	ROSS FEDERAL 1M	DK,MV	VASALY #2 SWD
3004529746	DAVIS A FEDERAL 1M	DK,MV	VASALY #2 SWD
3004529747	BRUINGTON LS 4R	DK,MV	VASALY #2 SWD
3004529748	STATE COM O 12	DK,MV	VASALY #2 SWD
3004529749	STATE COM O 12E	DK,MV	VASALY #2 SWD
3004529761	SAN JUAN 32-8 UNIT 247	FRC	VASALY #2 SWD
3004529766	COZZENS 1R	PC	VASALY #2 SWD
3004529785	STATE COM G 3	DK,MV	VASALY #2 SWD
3004529786	STATE COM G 3E	DK,MV	VASALY #2 SWD
3004529789	SAN JUAN 32 FEDERAL 24 2	FRC	VASALY #2 SWD
3004529803	SAN JUAN 32-9 UNIT 302	FRC	VASALY #2 SWD
3004529823	HOWELL C 1B	MV	VASALY #2 SWD
3004529839	SAN JUAN 32-9 UNIT 7R	MV	VASALY #2 SWD
3004529849	HANCOCK A 1R	MV	VASALY #2 SWD
3004529856	MADDOX COM 1B	MV	VASALY #2 SWD
3004529858	EAGLE 777	FRC	VASALY #2 SWD
3004529861	KING 1B	MV	VASALY #2 SWD
3004529862	SAN JUAN 10B	MV	VASALY #2 SWD
3004529876	COZZENS 2R	PC	VASALY #2 SWD
3004529892	SEYMOUR 6B	MV	VASALY #2 SWD
3004529902	REID 18A	CH,MV	VASALY #2 SWD
3004529904	SEYMOUR 11	DK,MV	VASALY #2 SWD
3004530005	DUSENBERRY 1B	MV	VASALY #2 SWD
3004530011	SUNRAY A 1B	DK,MV	VASALY #2 SWD
3004530015	CULPEPPER MARTIN 17M	DK,MV	VASALY #2 SWD
3004530018	ATLANTIC C 5B	MV	VASALY #2 SWD
3004530044	ATLANTIC C 3B	DK,MV	VASALY #2 SWD
3004530056	PIERCE SRC 2C	MV	VASALY #2 SWD
3004530065	JOHNSTON FEDERAL 6B	DK,MV	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004530072	CULPEPPER MARTIN 7B	DK,MV	VASALY #2 SWD
3004530078	CEDAR HILL 1M	DK,MV	VASALY #2 SWD
3004530117	GRENIER 12M	DK,MV	VASALY #2 SWD
3004530209	HARTMAN COM 4B	MV	VASALY #2 SWD
3004530227	STATE 32B	MV	VASALY #2 SWD
3004530229	CULPEPPER MARTIN 106	FRC	VASALY #2 SWD
3004530240	GRENIER 1B	DK,MV	VASALY #2 SWD
3004530279	WALKER KOCH 1B	MV	VASALY #2 SWD
3004530289	CAIN 1B	MV	VASALY #2 SWD
3004530303	SAN JUAN 32 FEDERAL 24 1	FRC	VASALY #2 SWD
3004530326	GRENIER A 8B	CH,MV	VASALY #2 SWD
3004530331	MADDOX A FEDERAL 2	FRC	VASALY #2 SWD
3004530333	MADDOX B FEDERAL 2	FRC	VASALY #2 SWD
3004530334	MADDOX WN FEDERAL 8	FRC	VASALY #2 SWD
3004530335	MADDOX C WN FEDERAL 2	FRC	VASALY #2 SWD
3004530336	MADDOX WN FEDERAL 7	FRC	VASALY #2 SWD
3004530337	MADDOX WN FEDERAL 6	FRC	VASALY #2 SWD
3004530338	MADDOX WN FEDERAL 5	FRC	VASALY #2 SWD
3004530350	UTTON 100	FRC	VASALY #2 SWD
3004530397	AZTEC A 1B	DK,MV	VASALY #2 SWD
3004530409	BLANCO 7A	MV	VASALY #2 SWD
3004530427	STATE COM P 12M	DK,MV	VASALY #2 SWD
3004530428	STATE COM Q 13M	DK,MV	VASALY #2 SWD
3004530438	EAST 7F	DK,MV	VASALY #2 SWD
3004530441	CULPEPPER MARTIN 14B	MV	VASALY #2 SWD
3004530445	DAVIS 5B	MV	VASALY #2 SWD
3004530450	RAWSON 2A	MV	VASALY #2 SWD
3004530454	SAMMONS 100	FRC	VASALY #2 SWD
3004530462	STATE COM F 1B	MV	VASALY #2 SWD
3004530463	DECKER A 1C	MV	VASALY #2 SWD
3004530464	EAST 5B	MV	VASALY #2 SWD
3004530465	GRENIER 6B	MV	VASALY #2 SWD
3004530477	HARRISON 5	DK	VASALY #2 SWD
3004530479	WALKER KOCH 101	FRC	VASALY #2 SWD
3004530482	SEYMOUR 6C	MV	VASALY #2 SWD
3004530500	VASALY FEDERAL 1B	MV	VASALY #2 SWD
3004530551	HOWELL K 4B	MV	VASALY #2 SWD
3004530559	MORRIS A 1R	FRC,PC	VASALY #2 SWD
3004530564	MOORE LS 6B	MV	VASALY #2 SWD
3004530566	SULLIVAN 1B	DK,MV	VASALY #2 SWD
3004530582	MOORE LS 7B	DK,MV	VASALY #2 SWD
3004530600	MADDOX D FEDERAL COM 100	FRC	VASALY #2 SWD
3004530602	SAN JUAN 32-9 UNIT 272	FRC	VASALY #2 SWD
3004530658	JOHNS FEDERAL 1B	MV	VASALY #2 SWD
3004530741	CARLE 100	FRC	VASALY #2 SWD
3004530748	WALKER KOCH 1C	DK,MV	VASALY #2 SWD
3004530799	NYE FEDERAL 2M	DK,MV	VASALY #2 SWD
3004530820	ELLIOTT FEDERAL 22 1M	CH,DK,MV	VASALY #2 SWD
3004530839	HARTMAN 23 1M	CH,DK,MV	VASALY #2 SWD
3004530840	DUMP MESA FEDERAL 1M	DK,MV	VASALY #2 SWD
3004530843	REID PRI 2R	FRC,PC	VASALY #2 SWD
3004530844	CORNELL 4R	FRC,PC	VASALY #2 SWD
3004530846	DUFF 5R	FRC,PC	VASALY #2 SWD
3004530847	REID 16R	FRC,PC	VASALY #2 SWD
3004530858	HOODOO 1	FRC	VASALY #2 SWD
3004530869	ATLANTIC D COM 3B	DK,MV	VASALY #2 SWD
3004530878	SAN JUAN 20B	CH,DK,MV	VASALY #2 SWD
3004530879	EAST 8M	DK,MV	VASALY #2 SWD
3004530890	MIMS 36 STATE COM 1M	CH,DK,MV	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	Disposal Site
3004530896	SAN JUAN 32-9 UNIT 35B	MV	VASALY #2 SWD
3004530906	SUNRAY G 3M	DK,MV	VASALY #2 SWD
3004530907	CHILDERS 3M	DK,MV	VASALY #2 SWD
3004530908	SUNRAY J 1B	DK,MV	VASALY #2 SWD
3004530910	FEDERAL A 1M	DK	VASALY #2 SWD
3004530940	HUERFANITO UNIT COM 552	FRC	VASALY #2 SWD
3004530941	ATLANTIC D COM E 6B	DK,MV	VASALY #2 SWD
3004530945	EAST 6M	DK,MV	VASALY #2 SWD
3004530946	THOMPSON 6M	DK,MV	VASALY #2 SWD
3004530948	EAST 9M	DK,MV	VASALY #2 SWD
3004530949	THOMPSON 9M	DK,MV	VASALY #2 SWD
3004530952	THOMPSON 8M	DK,MV	VASALY #2 SWD
3004530973	FEDERAL G 1N	DK,MV	VASALY #2 SWD
3004531000	MCCORD B 100	FRC,PC	VASALY #2 SWD
3004531015	SAN JUAN 10C	DK,MV	VASALY #2 SWD
3004531074	NEW MEXICO COM N 100	FRC	VASALY #2 SWD
3004531104	SAN JUAN 32-9 UNIT 98J	PC	VASALY #2 SWD
3004531105	PRICE 2M	DK,MV	VASALY #2 SWD
3004531232	ALLISON UNIT 112S	FRC	VASALY #2 SWD
3004531323	PAYNE 11S	FRC	VASALY #2 SWD
3004531573	THOMPSON 102	FRC	VASALY #2 SWD
3004531575	THOMPSON 104	FRC	VASALY #2 SWD
3004531578	THOMPSON 101	FRC	VASALY #2 SWD
3004531580	CORNELL COM 500	FRC	VASALY #2 SWD
3004531581	CORNELL 101	FRC	VASALY #2 SWD
3004531684	VASALY COM 1M	CH,DK,MV	VASALY #2 SWD
3004531728	HUDSON 5B	DK,MV	VASALY #2 SWD
3004531754	CULPEPPER MARTIN 100	FRC	VASALY #2 SWD
3004531756	JULANDER 100	FRC	VASALY #2 SWD
3004531790	CUNDIFF A 2R	FRC	VASALY #2 SWD
3004531797	CRANDELL COM 501	FRC	VASALY #2 SWD
3004531803	SEYMOUR 2M	DK,MV	VASALY #2 SWD
3004531840	HUERFANITO UNIT 87M	DK,MV	VASALY #2 SWD
3004531845	EAST 10N	DK,MV	VASALY #2 SWD
3004531875	BURROUGHS COM A 100S	FRC	VASALY #2 SWD
3004531931	TURNER B COM 250S	FRC	VASALY #2 SWD
3004532137	SAN JUAN 32-9 UNIT 277S	FRC	VASALY #2 SWD
3004532173	SAN JUAN 32-9 UNIT 228S	FRC	VASALY #2 SWD
3004532241	BECK 1R	FRC,PC	VASALY #2 SWD
3004532251	SAN JUAN 32-9 UNIT 301S	FRC	VASALY #2 SWD
3004532252	MADDOX D FEDERAL COM 2	PC	VASALY #2 SWD
3004532266	SARAH M HEDGES 2M	DK,MV	VASALY #2 SWD
3004532385	OLIVER SRC 1M	DK,MV	VASALY #2 SWD
3004532681	QUINN 336S	FRC	VASALY #2 SWD
3004532720	HUERFANO UNIT 127F	DK	VASALY #2 SWD
3004532833	L C KELLY COM 100S	FRC	VASALY #2 SWD
3004532834	MORRIS 103	FRC	VASALY #2 SWD
3004532858	NYE 3M	DK,MV	VASALY #2 SWD
3004532862	COZZENS C 1F	DK	VASALY #2 SWD
3004532865	STATE COM 361S	FRC	VASALY #2 SWD
3004532866	CULPEPPER MARTIN 6S	FRC	VASALY #2 SWD
3004532867	CULPEPPER MARTIN 102S	FRC	VASALY #2 SWD
3004532870	DUFF 5S	FRC	VASALY #2 SWD
3004532883	FOGELSON 4 1E	DK	VASALY #2 SWD
3004532895	STATE COM 15C	DK,MV	VASALY #2 SWD
3004532896	STATE COM J 38M	DK,MV	VASALY #2 SWD
3004532931	WALKER 100S	FRC	VASALY #2 SWD
3004532939	OSWELL FEDERAL 100	FRC	VASALY #2 SWD
3004532978	HUERFANITO UNIT 76E	DK,MV	VASALY #2 SWD

API	Well Name	Formations	Disposal Site
3004533010	SAMMONS 100S	FRC	VASALY #2 SWD
3004533023	BLANCO 9B	MV	VASALY #2 SWD
3004533042	SAN JUAN 32-9 UNIT 217S	FRC	VASALY #2 SWD
3004533063	HUERFANITO UNIT 175	FRC,PC	VASALY #2 SWD
3004533087	SAN JUAN 11B	DK,MV	VASALY #2 SWD
3004533089	CULPEPPER MARTIN 12M	DK,MV	VASALY #2 SWD
3004533090	CALLOWAY 3M	DK,MV	VASALY #2 SWD
3004533093	CALVIN 1F	DK	VASALY #2 SWD
3004533100	OSWELL FEDERAL 100S	FRC	VASALY #2 SWD
3004533113	SAN JUAN 32-8 UNIT 34M	DK,MV	VASALY #2 SWD
3004533121	CULPEPPER MARTIN 1N	DK,MV	VASALY #2 SWD
3004533126	SUNRAY A 2B	DK,MV	VASALY #2 SWD
3004533128	SUNRAY A 1M	DK,MV	VASALY #2 SWD
3004533129	DAVIS 11M	DK,MV	VASALY #2 SWD
3004533148	DAY STATE 2M	DK,MV	VASALY #2 SWD
3004533150	SAN JUAN 32-8 UNIT 34	DK,MV	VASALY #2 SWD
3004533152	EAGLE 750S	FRC	VASALY #2 SWD
3004533157	DAVIS 13M	DK,MV	VASALY #2 SWD
3004533163	SAN JUAN 32-8 UNIT 33A	MV	VASALY #2 SWD
3004533184	AZTEC A 100	FRC,FRS,PC	VASALY #2 SWD
3004533197	HARDIE 5M	DK,MV	VASALY #2 SWD
3004533198	ROELOFS 1M	DK,MV	VASALY #2 SWD
3004533208	HUBBELL FEDERAL 1N	DK,MV	VASALY #2 SWD
3004533209	FOGELSON 8 100	FRC	VASALY #2 SWD
3004533210	DUSENBERRY 2B	MV	VASALY #2 SWD
3004533219	SAN JUAN 32-9 UNIT 302S	FRC	VASALY #2 SWD
3004533304	SANCHEZ 3M	DK,MV	VASALY #2 SWD
3004533313	SAN JUAN 32-9 UNIT 229S	FRC	VASALY #2 SWD
3004533331	SAN JUAN 32-9 UNIT 226S	FRC	VASALY #2 SWD
3004533334	NEWBERRY COM 1N	DK,MV	VASALY #2 SWD
3004533354	SAN JUAN 32-9 UNIT 288S	FRC	VASALY #2 SWD
3004533355	SAN JUAN 32-9 UNIT 297S	FRC	VASALY #2 SWD
3004533411	JULANDER 100S	FRC	VASALY #2 SWD
3004533487	SKELLY STATE COM 1E	DK	VASALY #2 SWD
3004533489	CULPEPPER MARTIN 109S	FRC,FRS	VASALY #2 SWD
3004533508	SUNRAY C 100	FRC,FRS,PC	VASALY #2 SWD
3004533518	LACKEY A COM 100	FRC	VASALY #2 SWD
3004533531	SAN JUAN 32-8 UNIT 26C	MV	VASALY #2 SWD
3004533538	PIERCE SRC 101	FRC,FRS,PC	VASALY #2 SWD
3004533541	FOGELSON 8 100S	FRC,FRS,PC	VASALY #2 SWD
3004533547	SAN JUAN 32-8 UNIT 17B	MV	VASALY #2 SWD
3004533552	SCHUMACHER 1B	DK,MV	VASALY #2 SWD
3004533557	BLANCO 7B	DK,MV	VASALY #2 SWD
3004533567	HUERFANITO UNIT 81F	DK	VASALY #2 SWD
3004533568	THOMPSON 104S	FRC,PC	VASALY #2 SWD
3004533572	HUERFANO UNIT 211E	DK	VASALY #2 SWD
3004533573	CORNELL COM 500S	FRC,FRS	VASALY #2 SWD
3004533579	MORRIS COM 104S	FRC,PC	VASALY #2 SWD
3004533580	MCGRATH 3S	FRC	VASALY #2 SWD
3004533599	HAGOOD 100	FRC,PC	VASALY #2 SWD
3004533601	MCCLANAHAN 18M	DK,MV	VASALY #2 SWD
3004533605	HUERFANITO UNIT 176	FRC	VASALY #2 SWD
3004533606	THOMPSON 101S	FRC,PC	VASALY #2 SWD
3004533620	EAST 13R	FRC,PC	VASALY #2 SWD
3004533627	HUERFANITO UNIT 47R	FRC,PC	VASALY #2 SWD
3004533629	MORRIS 5S	FRC,PC	VASALY #2 SWD
3004533632	FARMINGTON COM 1F	DK	VASALY #2 SWD
3004533633	FARMINGTON COM 1E	DK	VASALY #2 SWD
3004533635	GRAMBLING 720S	FRC	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	DisposalSite
3004533650	LODEWICK 12S	FRC	VASALY #2 SWD
3004533668	NYE FEDERAL COM 3P	DK,MV	VASALY #2 SWD
3004533669	NYE FEDERAL COM 3N	DK,MV	VASALY #2 SWD
3004533677	STATE 32F	DK,MV	VASALY #2 SWD
3004533678	LAMBE 3B	DK,MV	VASALY #2 SWD
3004533694	SUNRAY J 1M	DK,MV	VASALY #2 SWD
3004533704	DAY B 4M	DK,MV	VASALY #2 SWD
3004533707	MANSFIELD 11M	MV	VASALY #2 SWD
3004533712	BLANCO 13	DK,MV	VASALY #2 SWD
3004533713	PIERCE A 4M	DK,MV	VASALY #2 SWD
3004533714	REID A 2S	FRC	VASALY #2 SWD
3004533717	UTTON 100S	FRC	VASALY #2 SWD
3004533720	SUNRAY E 1M	DK,MV	VASALY #2 SWD
3004533721	RICHARDSON SRC 100	FRC,FRS,PC	VASALY #2 SWD
3004533722	DECKER A 2F	DK	VASALY #2 SWD
3004533736	SCHUMACHER 1E	DK	VASALY #2 SWD
3004533739	HUERFANITO UNIT 74R	DK	VASALY #2 SWD
3004533772	SAN JUAN 32-8 UNIT 15M	DK,MV	VASALY #2 SWD
3004533773	WOODRIVER 2B	DK	VASALY #2 SWD
3004533774	SUNRAY C 100S	FRC,FRS,PC	VASALY #2 SWD
3004533780	HUERFANITO UNIT 81E	DK	VASALY #2 SWD
3004533786	MOORE COM 1M	DK,MV	VASALY #2 SWD
3004533812	CULPEPPER MARTIN 111	FRC,PC	VASALY #2 SWD
3004533813	CULPEPPER MARTIN 111S	FRC,PC	VASALY #2 SWD
3004533839	TURNER 251S	FRC,FRS	VASALY #2 SWD
3004533840	CULPEPPER MARTIN 106S	FRC	VASALY #2 SWD
3004533841	SULLIVAN 1E	DK	VASALY #2 SWD
3004533860	SAN JUAN 11M	DK,MV	VASALY #2 SWD
3004533881	LAMBE 1E	DK	VASALY #2 SWD
3004533897	BOLIN-HARDIE 1E	DK,MV	VASALY #2 SWD
3004533901	GRENIER 13F	DK	VASALY #2 SWD
3004533911	HUERFANO UNIT 282E	DK	VASALY #2 SWD
3004533912	FEDERAL G 1P	DK,MV	VASALY #2 SWD
3004533919	HELEN JACKSON 2M	DK,MV	VASALY #2 SWD
3004533921	REID B 2F	DK	VASALY #2 SWD
3004533922	BOLIN-HARDIE 1M	DK,MV	VASALY #2 SWD
3004533923	FEDERAL A 1N	DK,MV	VASALY #2 SWD
3004533924	MARX FEDERAL 1M	DK,MV	VASALY #2 SWD
3004533929	ANGEL PEAK B 20E	DK	VASALY #2 SWD
3004533934	STEWART A COM A LS 2F	DK,MV	VASALY #2 SWD
3004533984	HARDIE 4M	DK,MV	VASALY #2 SWD
3004533993	ROURKE 100	FRC	VASALY #2 SWD
3004534073	MADDOX WN FEDERAL 10	FRC	VASALY #2 SWD
3004534074	PRICE 5N	DK,MV	VASALY #2 SWD
3004534088	TALIAFERRO 100	FRC	VASALY #2 SWD
3004534090	HAMPTON 4N	DK,MV	VASALY #2 SWD
3004534104	MADDOX C WN FEDERAL 13	FRC	VASALY #2 SWD
3004534105	GAGE 3F	DK,MV	VASALY #2 SWD
3004534110	NEWBERRY 1M	DK,MV	VASALY #2 SWD
3004534111	MCCORD 100	FRC	VASALY #2 SWD
3004534143	NYE SRC 15N	DK,MV	VASALY #2 SWD
3004534150	RHODA ABRAMS 1M	DK,MV	VASALY #2 SWD
3004534159	MARSHALL 2M	DK,MV	VASALY #2 SWD
3004534160	PRICE 5M	DK,MV	VASALY #2 SWD
3004534174	MURPHY C 100	FRC,FRS	VASALY #2 SWD
3004534175	MURPHY D 100	FRC,FRS	VASALY #2 SWD
3004534178	MADDOX WN FEDERAL 11	FRC	VASALY #2 SWD
3004534179	CLEVELAND 220S	FRC	VASALY #2 SWD
3004534190	MCCORD 104	FRC	VASALY #2 SWD

API	Well Name	Formations	DisposalSite
3004534191	MCCORD B 100S	FRC	VASALY #2 SWD
3004534197	MCCORD 102	FRC	VASALY #2 SWD
3004534198	MCCORD 103S	FRC	VASALY #2 SWD
3004534199	HUERFANITO UNIT 88R	DK,MV	VASALY #2 SWD
3004534200	MCCORD B 1F	DK	VASALY #2 SWD
3004534201	MCCORD 102S	FRC	VASALY #2 SWD
3004534237	COOPER 7S	FRC	VASALY #2 SWD
3004534242	HOLDER A 100	FRC,FRS	VASALY #2 SWD
3004534246	REID A 100	FRC,FRS	VASALY #2 SWD
3004534248	REID A 100S	FRC	VASALY #2 SWD
3004534253	MCCORD 103	FRC	VASALY #2 SWD
3004534261	MCCORD 100S	FRC	VASALY #2 SWD
3004534270	STATE 1S	FRC	VASALY #2 SWD
3004534272	NYE FEDERAL 100	FRC,FRS	VASALY #2 SWD
3004534289	MCCORD 104S	FRC	VASALY #2 SWD
3004534320	BUNNY ET AL 2F	DK	VASALY #2 SWD
3004534321	MANSFIELD 11N	DK,MV	VASALY #2 SWD
3004534324	STOREY B LS 100	FRC	VASALY #2 SWD
3004534338	COOPER 5R	FRC	VASALY #2 SWD
3004534339	TURNER B COM C 100	FRC	VASALY #2 SWD
3004534342	HUERFANITO UNIT 78N	DK,MV	VASALY #2 SWD
3004534357	MCADAMS A 1S	FRC	VASALY #2 SWD
3004534358	MCDURMITT COM 100S	FRC,PC	VASALY #2 SWD
3004534375	CULPEPPER MARTIN 8S	FRC	VASALY #2 SWD
3004534393	HUERFANITO UNIT 80F	DK	VASALY #2 SWD
3004534394	CULPEPPER MARTIN 100S	FRC	VASALY #2 SWD
3004534407	CULPEPPER MARTIN 105S	FRC	VASALY #2 SWD
3004534412	HOWELL C 1C	MV	VASALY #2 SWD
3004534413	HUERFANITO UNIT 103F	DK	VASALY #2 SWD
3004534416	FILAN 6M	DK,MV	VASALY #2 SWD
3004534423	MARSHALL 1F	DK	VASALY #2 SWD
3004534431	MARTIN 100	FRC	VASALY #2 SWD
3004534436	RANDLEMAN 1N	DK,MV	VASALY #2 SWD
3004534443	MOBIL NEW MEXICO B COM 1F	DK	VASALY #2 SWD
3004534445	LODEWICK 15S	FRC,PC	VASALY #2 SWD
3004534447	RIDDLE B 5F	DK	VASALY #2 SWD
3004534450	SUNRAY F 1F	DK	VASALY #2 SWD
3004534455	TURNER HUGHES 15M	DK,MV	VASALY #2 SWD
3004534456	KING 3	DK	VASALY #2 SWD
3004534459	GRAMBLING C 1F	DK	VASALY #2 SWD
3004534474	FILAN 5M	DK,MV	VASALY #2 SWD
3004534479	FILAN 5N	DK,MV	VASALY #2 SWD
3004534486	FEDERAL A 1E	DK	VASALY #2 SWD
3004534494	SUNRAY B 1F	DK	VASALY #2 SWD
3004534503	LAMBE 1C	DK,MV	VASALY #2 SWD
3004534504	HUERFANO UNIT 108F	DK	VASALY #2 SWD
3004534509	CRANDELL COM 501S	FRC	VASALY #2 SWD
3004534510	HUGHES 10B	DK,MV	VASALY #2 SWD
3004534526	MCDURMITT 1N	DK,MV	VASALY #2 SWD
3004534538	HOLDER A 100S	FRC	VASALY #2 SWD
3004534557	SCOTT 103S	FRC,FRS	VASALY #2 SWD
3004534568	SCOTT 103	FRC	VASALY #2 SWD
3004534569	EAST 17S	FRC,FRS	VASALY #2 SWD
3004534579	FARMINGTON COM 100S	FRC	VASALY #2 SWD
3004534592	HUERFANITO UNIT 39S	FRC	VASALY #2 SWD
3004534597	LLOYD A 100	FRC	VASALY #2 SWD
3004534602	OLIVER 100	FRC,FRS	VASALY #2 SWD
3004534604	HUERFANITO UNIT 75E	DK	VASALY #2 SWD
3004534614	MORRIS A 14	FRC	VASALY #2 SWD

APPENDIX C

Vasaly #2 SWD Source Wells List

API	Well Name	Formations	Disposal Site	API	Well Name	Formations	Disposal Site
3004534615	THURSTON COM 101	FRC	VASALY #2 SWD	3004534838	HUERFANITO UNIT 76M	DK,MV	VASALY #2 SWD
3004534619	THURSTON COM 100S	FRC	VASALY #2 SWD	3004534841	RANDLEMAN 1M	DK,MV	VASALY #2 SWD
3004534623	MCCLURE 100	FRC	VASALY #2 SWD	3004534844	LACKEY 100	FRC	VASALY #2 SWD
3004534624	FOGELSON 4 100S	FRC,PC	VASALY #2 SWD	3004534846	MUDGE B 100	FRC	VASALY #2 SWD
3004534625	SCOTT GAS COM 100S	FRC,PC	VASALY #2 SWD	3004534856	MURPHY D 100S	FRC	VASALY #2 SWD
3004534626	FOGELSON 4 100	FRC	VASALY #2 SWD	3004534871	CULPEPPER MARTIN 16 100	FRC,PC	VASALY #2 SWD
3004534627	NEW MEXICO B COM 100	FRC,PC	VASALY #2 SWD	3004534875	COOPER 100S	FRC	VASALY #2 SWD
3004534628	LEO MANNING 100	FRC,PC	VASALY #2 SWD	3004534878	HARDIE 1N	DK,MV	VASALY #2 SWD
3004534636	HANCOCK B 8S	FRC	VASALY #2 SWD	3004534881	COOPER 100	FRC,PC	VASALY #2 SWD
3004534651	HUERFANITO UNIT 177	FRC	VASALY #2 SWD	3004534887	SCOTT 4M	DK,MV	VASALY #2 SWD
3004534655	WOOD 3N	DK,MV	VASALY #2 SWD	3004534889	CAIN 1C	DK,MV	VASALY #2 SWD
3004534660	WILSON 100S	FRC	VASALY #2 SWD	3004534893	LESTER 100S	FRC	VASALY #2 SWD
3004534663	LLOYD A 100S	FRC	VASALY #2 SWD	3004534901	RANDLEMON 1C	DK,MV	VASALY #2 SWD
3004534664	HEATON COM A 100	FRC	VASALY #2 SWD	3004534905	WILMUTH 1B	DK,MV	VASALY #2 SWD
3004534668	LEO MANNING 100S	FRC	VASALY #2 SWD	3004534915	WILMUTH 1M	DK,MV	VASALY #2 SWD
3004534669	LLOYD B COM 100	FRC	VASALY #2 SWD	3004534942	SCOTT 7M	DK,MV	VASALY #2 SWD
3004534670	MORRIS A 11R	FRC,PC	VASALY #2 SWD	3004534951	SUNRAY F 3N	DK,MV	VASALY #2 SWD
3004534671	FOGELSON 9 100S	FRC	VASALY #2 SWD	3004534952	SCOTT 7B	DK,MV	VASALY #2 SWD
3004534675	YAGER LS 101S	FRC	VASALY #2 SWD	3004534957	BRUINGTON 1B	DK,MV	VASALY #2 SWD
3004534682	HUERFANO UNIT 255S	FRC	VASALY #2 SWD	3004534958	BRUINGTON LS 4P	DK,MV	VASALY #2 SWD
3004534687	BLANCO 30-12 100	FRC,PC	VASALY #2 SWD	3004534975	BRUINGTON 1M	DK,MV	VASALY #2 SWD
3004534688	HAGOOD 19	DK	VASALY #2 SWD	3004534994	KELLY A 3E	DK,MV	VASALY #2 SWD
3004534690	HUERFANITO UNIT 96E	DK	VASALY #2 SWD	3004534999	PIERCE 2B	DK,MV	VASALY #2 SWD
3004534691	HEATON COM 100S	FRC	VASALY #2 SWD	3004535001	RIDDLE A 3C	DK,MV	VASALY #2 SWD
3004534695	HUERFANITO UNIT 83E	DK	VASALY #2 SWD	3004535009	MANSFIELD 2B	DK,MV	VASALY #2 SWD
3004534704	YAGER LS 101	FRC	VASALY #2 SWD	3004535014	DELHI COM 1B	DK,MV	VASALY #2 SWD
3004534705	HUERFANITO UNIT 50E	DK,MV	VASALY #2 SWD	3004535015	ATLANTIC C 3C	MV	VASALY #2 SWD
3004534711	RANDLEMON 100	FRC,FRS	VASALY #2 SWD	3004535050	SUNRAY K COM 1B	DK,MV	VASALY #2 SWD
3004534716	MCCLURE 100S	FRC,PC	VASALY #2 SWD	3004535059	MANSFIELD 2M	DK,MV	VASALY #2 SWD
3004534719	HEATON COM LS 8 100	FRC	VASALY #2 SWD	3004535060	NEWBERRY A 4N	DK,MV	VASALY #2 SWD
3004534726	TURNER A 100	FRC	VASALY #2 SWD	3004535066	FLORANCE 41N	DK,MV	VASALY #2 SWD
3004534728	MCCORD 1G	DK	VASALY #2 SWD	3004535075	ATLANTIC COM B 8B	DK,MV	VASALY #2 SWD
3004534734	THURSTON COM 100	FRC	VASALY #2 SWD	3004535084	SAN JUAN 32-8 UNIT 21C	DK,MV	VASALY #2 SWD
3004534739	PATTERSON B COM 1N	DK,MV	VASALY #2 SWD	3004535094	LUDWICK LS 19P	DK,MV	VASALY #2 SWD
3004534740	LACKEY 100S	FRC	VASALY #2 SWD	3004535095	LODEWICK 100	FRC	VASALY #2 SWD
3004534744	MARTIN 101	FRC,PC	VASALY #2 SWD	3004535101	ATLANTIC A 7C	MV	VASALY #2 SWD
3004534745	STATE GAS COM A 100	FRC	VASALY #2 SWD	3004535107	SAN JUAN 32-9 UNIT 15B	DK,MV	VASALY #2 SWD
3004534762	SCOTT GAS COM 100	FRC,FRS,PC	VASALY #2 SWD	3004535109	HEATON COM A 100S	FRC	VASALY #2 SWD
3004534777	CLEVELAND 4S	FRC	VASALY #2 SWD	3004535128	WALKER COM LS 2C	DK,MV	VASALY #2 SWD
3004534783	HUGHES 10M	DK,MV	VASALY #2 SWD	3004535134	BLANCO 13M	DK,MV	VASALY #2 SWD
3004534791	CULPEPPER MARTIN 16N	DK,MV	VASALY #2 SWD	3004535158	ATLANTIC B COM 9B	DK,MV	VASALY #2 SWD
3004534792	LARCHER 1B	DK,MV	VASALY #2 SWD	3004560071	DALSANT 1	MV	VASALY #2 SWD
3004534793	CULPEPPER MARTIN SRC 3N	DK,MV	VASALY #2 SWD	3004560072	MOORE LS 7	MV	VASALY #2 SWD
3004534794	HEATON COM B 101S	FRC	VASALY #2 SWD	3004560079	CULPEPPER MARTIN SRC 6	MV	VASALY #2 SWD
3004534795	CALLOWAY 100	FRC,PC	VASALY #2 SWD	3004560268	COZZENS B 1	DK	VASALY #2 SWD
3004534796	CALLOWAY 1B	DK,MV	VASALY #2 SWD				
3004534798	STATE GAS COM A 100S	FRC,PC	VASALY #2 SWD				
3004534802	BLANCO 30-12 100S	FRC	VASALY #2 SWD				
3004534803	VASALY COM 1F	DK	VASALY #2 SWD				
3004534805	ATLANTIC D COM E 6N	DK,MV	VASALY #2 SWD				
3004534807	RANDLEMON 1B	DK,MV	VASALY #2 SWD				
3004534809	HUERFANITO UNIT 106M	DK,MV	VASALY #2 SWD				
3004534810	RIDDLE B 11N	DK,MV	VASALY #2 SWD				
3004534813	MORRIS A 101	FRC	VASALY #2 SWD				
3004534814	OLIVER SRC 1N	DK,MV	VASALY #2 SWD				
3004534815	FRAME 1M	DK,MV	VASALY #2 SWD				
3004534823	LLOYD B COM 100S	FRC,PC	VASALY #2 SWD				
3004534827	STANOLIND GAS COM 1M	DK,MV	VASALY #2 SWD				
3004534833	CULPEPPER MARTIN 112S	FRC,PC	VASALY #2 SWD				