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	Permit Number 07051			

Allotment Management Plan (AMP):

Goals and Objectives – Desired Future Conditions (DFC's) are the long-term management goals for a particular area. These goals include consideration of commodity production as well as other resource management requirements. The three main factors needing improvement in certain areas are range condition/ecological status, watershed conditions, and range improvements. Other actions may be required to meet a condition in combination with or besides grazing management, such as thinning of tree canopies. Some portions of the Complex may already be in the desired condition, while others may require years of management to reach the stated objectives. Some objectives may not be met within the time frame of the Allotment Management Plan [AMP]. Moreover, due to current resource condition, budget constraints or other factors, some objectives may never be met. Desired future conditions, along with site-specific objectives, and monitoring parameters for vegetation resources, soils, and riparian were developed (EA, Pg 6). The following are the Goals and Objectives for the Railroad Allotment:

Resource	Desired condition	Site-Specific Objective	Monitoring Parameters
Vegetation	Vegetative composition improving and moving towards Potential Plant Community. Desirable and intermediate forage plants ¹ have high vigor and become more abundant, cumulatively, than undesirable species.	Improve vegetative composition towards 2/3 of Potential Plant Community by Terrestrial Ecosystem Survey (TES) map unit. The number of species present at any one time will be variable depending on moisture conditions within the next 10 years. Mainly in TES soil units 053, 178, 181, and 198.	Plant composition
Soils	Vegetative ground cover improving and moving toward potential natural conditions. Plant cover and litter should be well distributed to protect soil with minimum bare spaces present	Improve vegetative cover to a minimum of 2/3 of potential as defined by TES map unit, as evidenced by an effective ground cover (where achievable) within the next 10 years. Mainly in TES soil units 053, 054, 178, 181, 191, and 198.	Plant and litter ground cover
Riparian	Riparian areas in proper functioning condition along entire stream length where possible ² .	Diverse age classes and riparian dependent plant species composition; adequate vegetation cover to protect stream banks from erosion; adequate woody debris ³ .	Selected elements of Proper Functioning Condition surveys monitored using the approved technique for that element.

¹ A desirable species is one that provides high quality and production for a significant part of the grazing season. Desirable species will typically consist of cool season grasses and legumes but may include other species such as warm season grasses, brassicas, chicory, and others. Intermediate species are those which, while palatable, provide low tonnage or poor quality forage. Examples include: *Bouteloua gracilis* (Blue Grama) and *Agropyron Smithii* (Western Wheat) (desirable) and intermediate species *Eriogonum* spp. Buckwheat and *Aristida* Three-awn.

² Proper Functioning Condition (PFC) is a method for assessing the physical functioning of riparian and wetland areas. The term is used to describe both the assessment process and a defined, on-the-ground condition of a riparian area. In either case, PFC describes a minimum, or starting point.

³ East Cottonwood, Bull Hollow, McCleve Canyon, Water Canyon, Bear Canyon, and Show Low Creek have the proper soil types to establish and maintain cottonwood-willow associations. TES unit 058, which underlies 384 acres on the allotment and is currently in unsatisfactory watershed condition and impaired soil condition, can potentially produce good riparian areas if stream banks and wet areas are protected from livestock grazing. This does not mean every impact, but does mean that active management to keep livestock out of riparian areas should be employed, including herding, salting, and fencing if necessary. Mortenson Wash is within a longleaf cottonwood association and may be restorable.

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Allotment Management Plan (AMP), continued
Management Strategy (DN page 2-3, EA pg 6-7):

Permitted Livestock:

Permitted livestock numbers for the permitted grazing area of the Railroad Allotment would be 0 to 512 head of cow/calf, or a maximum of 6,144 Animal Unit Months (AUMs). This is the maximum number of AUMs that can be supported during times of favorable climate once the desired conditions for vegetation and soils have been reached. Livestock numbers will be permitted and authorized at a lower level until such time as conditions improve.

Annual authorized livestock numbers would be based on existing conditions, available water and forage, and predicted forage production for the year. Adjustments to the annual authorized livestock numbers (increase or decrease) may occur during the grazing season, based on conditions and/or range inspections using a Stock and Monitor approach.

Season of Use:

The permitted season of use would be from March 1 to February 28.

Management:

Grazing will occur through a rotational management system (deferred rest-rotation grazing) which will allow for plant growth and recovery. The northern pastures are considered best suited for winter use due to the current status and because they are lower elevation and do not normally support snow cover during winter months. The pastures south of Highway 260 cannot normally be used in winter because of snow cover and would mainly be grazed in the summer. The Show Low Riparian Pasture will be used for periods only during the dormant season (November-April).

Grazing Utilization:

A management guideline of conservative use (30-40% forage utilization as measured at the end of the growing season) would be employed to maintain or improve rangeland vegetation and long term soil productivity.

Grazing Intensity:

Grazing intensity is defined as the amount of herbage removed through grazing or trampling during the grazing period. Grazing intensity would be managed to allow for the physiological needs of plants. Generally, grazing intensity would be managed at moderate levels (40-50%) in the winter, late spring and early summer months when sufficient opportunity exists for plant regrowth. During the late summer and fall, grazing intensity would be managed at conservative levels (30-40%) when the potential for plant regrowth is limited.

Pasture Grazing Period:

The grazing period within each pasture would be based upon weather/climate conditions, current growing conditions, and the need to provide for plant regrowth following grazing. The length of the grazing period within each pasture would also consider and manage for the desired grazing intensity and utilization guidelines. A grazing schedule has been developed in conjunction with the permittee to provide each pasture with sufficient or complete rest after each grazing period along with a growing season before reentry. This schedule will be used during the Annual Operating Instruction meeting. Adaptive management will be applied to this schedule.

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Allotment Management Plan (AMP), continued**Structural Improvements:**

A total of approximately five miles of new fences and seven miles of fence reconstruction are proposed. Seven miles of fenceline are proposed for removal. At least three cattle guards would be constructed to prevent unscheduled livestock movement between pastures due to gates being left open by the public. Six new roadside waters, two wells, two corrals and twelve miles of pipeline are proposed (See Proposed Range Development Map). These improvements are needed for better livestock distribution and management. Livestock numbers are not based on these proposed structural improvements.

Range Improvements – Water. The permittee has certain improvements assigned for maintenance. These improvements are on National Forest System lands within the allotment. The improvements include both stock tanks and springs. Issuance of this grazing permit and the permittee's acceptance of the permit does not convey any ownership of a water right to the permittee, but allows the use of a portion of it within terms of the appropriation. The Forests has filed for water rights on these waters with the State of Arizona. Grazing domestic livestock may not be possible without these water rights. The Forests will retain ownership of the water rights for current and future grazing permittees as well as for wildlife and recreation consumptive needs. Ownership of the water rights will assure that the use of the water will be appurtenant to the land and will be available for both current and future grazing permittees.

Monitoring

Two types of monitoring would be used, implementation and effectiveness monitoring. Implementation monitoring would be conducted on an annual basis and would include: livestock actual use data, grazing intensity evaluations during the grazing season (within key areas), utilization at the end of the growing season (within key areas), and visual observation of vegetation and ground cover.

Effectiveness monitoring to evaluate the success of management in achieving the desired objectives would occur within key areas on permanent transects at an interval of 10 years or less. Effectiveness monitoring may also be conducted if data and observations from implementation monitoring (annual monitoring) indicate a need. Initial baseline monitoring would occur.

Both qualitative and quantitative monitoring methods would be used in accordance with the Interagency Technical References, Region 3 Rangeland Analysis and Management Training Guide, and the Region 3 Allotment Analysis Handbook.

Adaptive Management

The Proposed Action includes adaptive management, which provides a menu of management options that may be needed to adjust management decisions and actions to meet desired conditions as determined through monitoring. If monitoring indicates that desired conditions are not being achieved, management would be modified in cooperation with the permittee. Adaptive management allows the Forest Service to adjust: the timing, intensity, frequency and duration of grazing; the grazing management system; and livestock numbers. If adjustments are needed, they are implemented through the Annual Operating Instructions. Adaptive management would also allow for the construction of rangeland improvements if they have been identified and are determined, through monitoring, to be necessary for achieving desired conditions. An example of a situation that could call for adaptive management adjustments is drought conditions.

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Improvement List

Improvement Name	Improvement Number	Length (miles)	Improvement Type	Maintenance Responsibility
Railroad-FAIR	7001	5.31	Allotment Boundary Fence	Reservation
Railroad-PrivateLand	7002	4.21	Allotment Boundary Fence	Private
Railroad-PrivateLand	7005	6.43	Allotment Boundary Fence	Private
Railroad-Hwy260ROW	7007	0.48	Allotment Boundary Fence	ADOT
Railroad-PrivateLand	7017	2.33	Allotment Boundary Fence	Private
Railroad-FAIR	7033	7.65	Allotment Boundary Fence	Reservation
Railroad-Cottonwood Fence	7048	5.24	Allotment Boundary Fence	Cottonwood
Railroad-ShowLow	7054	1.79	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-ShowLow	7192	2.11	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-ShowLow	7192	1.1	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-ShowLow	7192	2.61	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-ShowLow	7192	2.36	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-ShowLow	7318	1.3	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-FAIR	7359	1.24	Allotment Boundary Fence	Reservation
Railroad-FAIR	7359	3.76	Allotment Boundary Fence	Reservation
Railroad-TownTank	7400	1.69	Allotment Boundary Fence	Town Tank
Railroad-TownTank	7401	1.76	Allotment Boundary Fence	Town Tank
Railroad-ShowLow	7480	2.8	Allotment Boundary Fence	Show Low/Ellsworth
Railroad-PrivateLand	7484	0.97	Allotment Boundary Fence	Private
Railroad-FAIR	7500	6.23	Allotment Boundary Fence	Reservation
Railroad-TownTank	7501	0.89	Allotment Boundary Fence	Railroad
Railroad-ForestBoundary	7507	1.67	Allotment Boundary Fence	Railroad
Railroad-PrivateLand	7513	0.54	Allotment Boundary Fence	Private
Railroad-PrivateLand	7513	0.99	Allotment Boundary Fence	Private
Railroad-PrivateLand	7530	0.79	Allotment Boundary Fence	Private
Railroad-PrivateLand	7531	0.68	Allotment Boundary Fence	Private
Railroad-TownTank	7532	0.13	Allotment Boundary Fence	Railroad
TownTank-Railroad	7533	2.29	Allotment Boundary Fence	Town Tank
ClaySprings-Railroad DistrictBdry	20005	2.46	Allotment Boundary Fence	Railroad

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ClaySprings-Railroad DistrictBdry	20009	5.51	Allotment Boundary Fence	Railroad
ClaySprings-Railroad DistrictBdry	20010	4.32	Allotment Boundary Fence	Railroad
Railroad-ShowLow	76912	0.78	Allotment Boundary Fence	Show Low/Ellsworth
EastCottonwood-Lons	7003	2.86	Allotment Interior Fence	Railroad
DeerLick-Lons	7004	3.26	Allotment Interior Fence	Railroad
Pinedale-Hwy260ROW	7006	0.18	Allotment Interior Fence	ADOT
Pinedale-Hwy260ROW	7006	0.06	Allotment Interior Fence	ADOT
Lons-SouthJuniperRidge-Hwy260ROW	7006	3.37	Allotment Interior Fence	ADOT
MortensenHP-Bull-EastBull-Hwy260ROW	7007	3.38	Allotment Interior Fence	ADOT
Rattlesnake-Middle	7008	1	Allotment Interior Fence	Railroad
Rattlesnake-HuntHP-Winter-Wilson	7009	1.73	Allotment Interior Fence	Railroad
Rattlesnake-HuntHP-Winter-Wilson	7009	0.51	Allotment Interior Fence	Railroad
Pinedale-PrivateLand	7010	0.53	Allotment Interior Fence	Private
Lons-BearCanyon	7011	1.09	Allotment Interior Fence	Railroad
Lons-PrivateLand	7012	1.25	Allotment Interior Fence	Private
Winter-Owens-BrittenhamHP	7016	2.22	Allotment Interior Fence	Railroad
Lons-BearCanyon	7026	2.84	Allotment Interior Fence	Railroad
Pinedale-PrivateLand	7029	0.73	Allotment Interior Fence	Private
Pinedale-Lons-PrivateLand	7029	2.29	Allotment Interior Fence	Private
Lons-PrivateLand	7029	2.46	Allotment Interior Fence	Private
Winter-PrivateLand	7030	2.75	Allotment Interior Fence	Private
BullHollow-Thistle	7063	2.74	Allotment Interior Fence	Railroad
BullHollow-PrivateLand	7063	0.74	Allotment Interior Fence	Private
BullHollow-Thistle	7063	0.17	Allotment Interior Fence	Railroad
MortensenHP-PrivateLand	7102	0.78	Allotment Interior Fence	Private
WalkerLake-CactusFlat-Rattlesnake-Wilson	7147	5.63	Allotment Interior Fence	Railroad
Rattlesnake-HuntHP	7150	1.03	Allotment Interior Fence	Railroad
Wilson-Owens	7151	1.02	Allotment Interior Fence	Railroad

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CactusFlat-Wilson fence	7174	3.11	Allotment Interior Fence	Railroad
MortensenHP-Bull	7182	0.43	Allotment Interior Fence	Railroad
Owens-Mortensen-MortensenHP	7183	3.22	Allotment Interior Fence	Railroad
Wilson-Mortensen-BullHollow	7184	2.04	Allotment Interior Fence	Railroad
WalkerLake-Rattlesnake	7188	3.19	Allotment Interior Fence	Railroad
FenceTank-McNeilWest	7193	1.35	Allotment Interior Fence	Railroad
Lons-SouthJuniperRidge	7200	0.25	Allotment Interior Fence	Railroad
SouthJuniperRidge-PrivateLand	7201	0.26	Allotment Interior Fence	Private
Lons-SouthJuniperRidge	7202	1.27	Allotment Interior Fence	Railroad
Lons-SouthJuniperRidge	7203	0.16	Allotment Interior Fence	Railroad
Bull-East Bull	7204	0.86	Allotment Interior Fence	Railroad
Capps-Bull-East Bull fence	7205	1.5	Allotment Interior Fence	Railroad
Lons-PrivateLand	7358	1.26	Allotment Interior Fence	Private
McNeilWest-Hwy77ROW	7360	1.73	Allotment Interior Fence	ADOT
McNeilEast-Hwy77ROW	7361	1.76	Allotment Interior Fence	ADOT
Owens-HP	7469	1.01	Allotment Interior Fence	Railroad
Mortensen-HP	7471	0.48	Allotment Interior Fence	Railroad
BullHollowHP1-BullHollowHP2	7472	0.54	Allotment Interior Fence	Railroad
BullHollow-Pvt	7479	0.08	Allotment Interior Fence	Private
ShowLow-FR132ROW	7481	3.28	Allotment Interior Fence	County
ShowLowRiparian- ReadHeadMarsh	7482	1.39	Allotment Interior Fence	Railroad
BearCanyon-PrivateLand	7483	2.27	Allotment Interior Fence	Private
Thistle-ShowLow- LonePineRiparian	7486	1.79	Allotment Interior Fence	Railroad
ShowLow-Thistle	7487	0.45	Allotment Interior Fence	Railroad
ShowLow-PrivateLand	7487	0.19	Allotment Interior Fence	Private
Capps-EastBull-BlueGrass	7503	2.44	Allotment Interior Fence	Railroad
Capps-BlueGrass	7504	2	Allotment Interior Fence	Railroad
Mortensen-MortensenHP-Capps- BlueGrass	7505	2.28	Allotment Interior Fence	Railroad
Mortensen-MortensenHP-Capps- BlueGrass-BullHollowHP1	7505	1.04	Allotment Interior Fence	Railroad
MortensenHP-Capps	7505	0.46	Allotment Interior Fence	Railroad

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CactusFlat-Wilson-BullHollow	7506	4.44	Allotment Interior Fence	Railroad
BullHollow-BullHollowHP1- BlueGrass	7508	4.15	Allotment Interior Fence	Railroad
BlueGrass-ShowLow	7513	1.03	Allotment Interior Fence	Railroad
ShowLow	7537	1.28	Allotment Interior Fence	Railroad
Thistle-FR132ROW	7538	3.33	Allotment Interior Fence	County
ShowLow-ShowLowRiparian	7539	1.99	Allotment Interior Fence	Railroad
McCleve-Juniper Ridge	7803	1.18	Allotment Interior Fence	Railroad
Pinedale HP Admin	7804	0.75	Allotment Boundary Fence	Forest Service
Farnsworth Trap	7805	1.46	Allotment Interior Fence	Railroad
Walker-Catus Waterlot	7806	0.09	Waterlot	Railroad
RattlesnakeTank Waterlot	7159	0.25	Waterlot	Railroad
WalkerLake Tank	7160	0.25	Waterlot	Railroad
BallardTank Waterlot	7163	0.16	Waterlot	Railroad
CactusFlat Waterlot	7175	0.15	Waterlot	Railroad
EastWell#2 Waterlot	7179	0.2	Waterlot	Railroad
West Windmill Waterlot	7189	0.25	Waterlot	Railroad
ColbathTank Waterlot	7210	0.25	Waterlot	Railroad
CarlisleTank Waterlot	7473	0.08	Waterlot	Railroad
VD tank Waterlot	7485	0.19	Waterlot	Railroad
MorganTank Waterlot	7518	0.25	Waterlot	Railroad
FenceTank Waterlot	7520	0.25	Waterlot	Railroad
PetersonRanchTank Waterlot	7650	0.21	Waterlot	Railroad
Fence Tank	7017		Corral	Railroad
Bull Hollow HP2	7171		Corral	Railroad
Owens	7470		Corral	Railroad
Rattlesnake	7476		Corral	Railroad
Cactus Flat	7488		Corral	Railroad
Wilson	7489		Corral	Railroad
Hunt	7490		Corral	Railroad
Joe Tank	7510		Corral	Railroad
East Cottonwood			Corral	Railroad
Fools Hollow Well Pipeline	7070	1.77	Pipeline	Railroad

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Cactus Flat Pipeline	7167	3.31	Pipeline	Railroad
Cactus Flat Pipeline	7167	0.69	Pipeline	Railroad
Ballard Tank Pipeline	7168	1.59	Pipeline	Railroad
East Well Pipeline	7176	2.34	Pipeline	Railroad
Walker Well Pipeline	7474	2.35	Pipeline	Railroad
Thistle Well Pipeline	7593	1.53	Pipeline	Railroad
Lone Pine Well Pipeline	7604	3.23	Pipeline	Railroad
Walker Lake Pipeline	7816	2.9	Pipeline	Railroad
Owens Corral Pipeline	7808	1.14	Pipeline	Railroad
West Well Pipeline	7809	1.15	Pipeline	Railroad
Pearce	7018		Spring	Railroad
Lons	7019		Spring	Railroad
Left-hand	7022		Spring	Railroad
Cottonwood Seep	7467		Spring	Railroad
Lons	7020		Stock Tank	Railroad
Whiting	7021		Stock Tank	Railroad
Pinedale	7023		Stock Tank	Railroad
Pine	7024		Stock Tank	Railroad
Jims	7027		Stock Tank	Railroad
Pinedale	7028		Stock Tank	Railroad
Grade	7034		Stock Tank	Railroad
McCleve	7035		Stock Tank	Railroad
Yellow Jacket	7036		Stock Tank	Railroad
Bear	7037		Stock Tank	Railroad
Juniper	7038		Stock Tank	Railroad
Sec. 16	7040		Stock Tank	Railroad
Ballard	7062		Stock Tank	Railroad
Miller	7081		Stock Tank	Railroad
Henry's	7103		Stock Tank	Railroad
Louis	7104		Stock Tank	Railroad
Brittenham	7152		Stock Tank	Railroad
Owens	7153		Stock Tank	Railroad
Peterson	7154		Stock Tank	Railroad
Hunt	7155		Stock Tank	Railroad

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Thomas	7156		Stock Tank	Railroad
Holy Oak	7157		Stock Tank	Railroad
Rattlesnake	7158		Stock Tank	Railroad
Walker Lake	7161		Stock Tank	Railroad
Northeast	7164		Stock Tank	Railroad
Railroad	7172		Stock Tank	Railroad
Spring	7173		Stock Tank	Railroad
East Well #1	7177		Stock Tank	Railroad
East Well #2	7178		Stock Tank	Railroad
VD	7180		Stock Tank	Railroad
Smith	7181		Stock Tank	Railroad
Halfway	7185		Stock Tank	Railroad
Christmas	7190		Stock Tank	Railroad
Road	7207		Stock Tank	Railroad
Colbath	7209		Stock Tank	Railroad
Sec. 35	7211		Stock Tank	Railroad
Lost	7363		Stock Tank	Railroad
Hansen	7364		Stock Tank	Railroad
Section 36	7365		Stock Tank	Railroad
Old Scott	7366		Stock Tank	Railroad
Pitt	7368		Stock Tank	Railroad
Antelope	7465		Stock Tank	Railroad
uk-2	7477		Stock Tank	Railroad
Rt-12	7478		Stock Tank	Railroad
Deep	7479		Stock Tank	Railroad
Rt-13	7480		Stock Tank	Railroad
Rt-29	7481		Stock Tank	Railroad
Rt-15	7482		Stock Tank	Railroad
Rt-18	7483		Stock Tank	Railroad
Rt-20	7484		Stock Tank	Railroad

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Rt-22	7485		Stock Tank	Railroad
Rt-28	7486		Stock Tank	Railroad
Right-hand	7487		Stock Tank	Railroad
Right-hand	7517		Stock Tank	Railroad
Morgan	7519		Stock Tank	Railroad
Fence	7521		Stock Tank	Railroad
Joe	7522		Stock Tank	Railroad
Blue Grass	7523		Stock Tank	Railroad
West	7524		Stock Tank	Railroad
Carlisle	7525		Stock Tank	Railroad
Ironwood	7526		Stock Tank	Railroad
Thistle	7528		Stock Tank	Railroad
Lone Pine	7550		Stock Tank	Railroad
Town Tank	7575		Stock Tank	Railroad
300rt #1	7576		Stock Tank	Railroad
132rt #2	7578		Stock Tank	Railroad
300rt #3	7579		Stock Tank	Railroad
300rt #4	7580		Stock Tank	Railroad
300rt #7	7581		Stock Tank	Railroad
300rt #8	7582		Stock Tank	Railroad
300rt #9	7583		Stock Tank	Railroad
300rt #10	7584		Stock Tank	Railroad
300rt #12	7585		Stock Tank	Railroad
300rt #13	7586		Stock Tank	Railroad
New #2	7589		Stock Tank	Railroad
uk-22	7590		Stock Tank	Railroad
uk-22	7591		Stock Tank	Railroad
Fool Hollow	7596		Stock Tank	Railroad
Back Stop	7605		Stock Tank	Railroad
Dreamer	7606		Stock Tank	Railroad

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Linden	7607		Stock Tank	Railroad
Deborah	7608		Stock Tank	Railroad
Community	7610		Stock Tank	Railroad
Malone Tank	7611		Stock Tank	Railroad
Ridge	7612		Stock Tank	Railroad
Upper Ironwood	7615		Stock Tank	Railroad
Bagley	7616		Stock Tank	Railroad
Perkins	7617		Stock Tank	Railroad
Bull	7618		Stock Tank	Railroad
Linden #1	7620		Stock Tank	Railroad
Linden #2	7621		Stock Tank	Railroad
Carlisle	7624		Stock Tank	Railroad
Sand	7625		Stock Tank	Railroad
Mud Hole	7627		Stock Tank	Railroad
Pot Hole	7628		Stock Tank	Railroad
Little VD	7629		Stock Tank	Railroad
Cabin	7631		Stock Tank	Railroad
Windmill	7634		Stock Tank	Railroad
Puddle	7635		Stock Tank	Railroad
Dry	7636		Stock Tank	Railroad
Maxwell	7637		Stock Tank	Railroad
Pasture	7638		Stock Tank	Railroad
Lewis #1	7640		Stock Tank	Railroad
Lewis #2	7641		Stock Tank	Railroad
Peterson Ranch	7643		Stock Tank	Railroad
Ditch #1	7644		Stock Tank	Railroad
Ditch #2	7645		Stock Tank	Railroad
Colbath Wash	7646		Stock Tank	Railroad
Fill	7647		Stock Tank	Railroad
Pinedale #1	7648		Stock Tank	Railroad
Pinedale #2	7649		Stock Tank	Railroad
Capps	7651		Stock Tank	Railroad
Capps	7652		Stock Tank	Railroad
Gravel	7653		Stock Tank	Railroad

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New #1	7475		Trough	Railroad
New #1	7499		Trough	Railroad
Thistle	7527		Trough	Railroad
Lone	7551		Trough	Railroad
New #1	7587		Trough	Railroad
New #1	7592		Trough	Railroad
Drinker #1	7594		Trough	Railroad
Drinker #2	7595		Trough	Railroad
Riparian	7599		Trough	Railroad
Tank #2	7623		Trough	Railroad
Juniper Ridge Haul	7807		Trough	Railroad
West Well Trough 1	7813		Trough	Railroad
West Well Trough 2	7815		Trough	Railroad
West Well Trough 3	7817		Trough	Railroad
East Well Trough 1	7810		Trough	Railroad
East Well Trough 2	7812		Trough	Railroad
Owens Corral Trough	7817		Trough	Railroad
West Well Storage 1	7814		Storage	Railroad
West Well Storage 2	7816		Storage	Railroad
East Well Storage 1	7811		Storage	Railroad
East	7170		Well	Railroad
Lone Pine	7603		Well	Railroad
Thistle	7609		Well	Railroad
Fool Hollow	7619		Well	Railroad
Walker	7622		Well	Railroad
Work Center	7639		Well	Railroad
Cactus Flat	7165		Well	Railroad
West	7169		Well	Railroad
Linden	7529		Well	Railroad
Mortenson	7800		Well	Railroad
Hub Point	7801		Well	Railroad
Scott Ridge	7802		Well	Railroad