

MEMORANDUM

TO: Water Right File 57-11596

FROM: Pam Skaggs *PS*

SUBJECT: License Recommendations

DATE: 12-04-2014

Review of the Statement of Completion for Submitting Proof of Beneficial Use and the Certified Water Right Examiners Beneficial Use field Report received 08-29-2013 from Scott King at SPF Water Engineering has been completed. The information was complete and a license is recommended for the developed portion of the permit.

A total diversion of 0.46 cfs from ground water for irrigation of 116 acres irrigation in combination with surface water Rights 57-243, 57-259, 57-1078, 57-1079, 57-1080, 57-1084, and 57-11557 from Reynolds Creek and waste water sources was confirmed on the right holder's property. 105 of the 116 acres are served by the surface water rights and 11 acres are served solely by this ground water right.

The measurement of flow was reasonable and supported by theoretical calculations. The volume will not be recommended on the license other than in conditions since a majority of the irrigated acres have other sources of water.

The examiner provided shape files that were used in the ArcMap updates. Both the point of diversion and place of use have changes from the permit that require amendments prior to licensing.

Certified Examiner Report Review

WR #	57-11596	
Name	John P &/or Catherine A Romero	
Representative &/or Examiner	Scott N King, SPF Water Engineering	
PROOF OF COMPLETION REVIEW		
Date Due	9/1/2013	
Date Rcvd	8/29/2013	
Timely or Priority Advanced	Timely	Order Yes/ No
Conditions	None that need addressed	
Completed & Signed	Yes	
EXAM REVIEW		
Owner(s)	Yes, submitted by examiner	
Overlap Review	POD in NWSE, 57-1081 Dom/Stock for Romero in NESE, S25, 2S, 4W. POU Overlaps with surface water in many of the same QQs	
POD	Change QQ from NESE to NWSE	Amendment Yes/ No
POU	Dropped Sec 30 & added QQs in Sec 25, NWNE & NWSE Added & shifted acres in both Sec 24 & 25	Amendment Yes/ No
Diversion & Delivery Description ie. Diversion & System Photos	Good description of diversion system, diversion pond & diagrams	
Map &/or Aerial Photo	Yes, submitted by examiner	
Well &/or Pump Information	Yes, drilling permit & pump information provided	
Flow Measurements	Yes, submitted by examiner	
Narrative	Yes, describes sysem & pou overlaps. Examiner noted primary source for 7 acres in SESW, S24 & describes direct diversion to 4 acres in NWSE, S25	
Permit Conditions ie. Measuring Device, Mitigation	None that need addressed	Action Yes/ No
Flow Calculation	Measurement by examiner supported by hp equation (7.5 hp, 90-100 ft depth, estimated 60 psi) & 4 inch pipe flow estimates	0.46 cfs
Volume Calculations	Calculations complete. Rate provides 224 afa, but is supplemental use on all but 11 acres	N/A
Recommendations ie. Use, Season, Rate, Volume	This GW right supplements SW rights from Reynolds Creek. No volume assigned, just combined & overlap conditions to address	
Recommended Amendments	POD & POU	Yes
Authentication ie. Current Certified Examiner	Is current on 08-06-2014 listing when exam completed	
Attachments	Maps identifying POD, POU & distribution system. Photos of same. POU shapefiles provided electronically by examiner upon request	
LICENSING RECOMMENDATIONS	Overlap review with surface water Rights 57-243, 57-259, 57-1078, 57-1079, 57-1080, 57-1084, 57-11557 determined combined right limits (see attached POU Comparison Reports). 302 total acres for all surface rights plus 7 acres in SESW, Sec 24 & 4 acres in NWSE, S25 covered solely by this GW right = 313 acres combined . 105 of 116 acres of this right are irrigated with SW. 11 acres primary GW use developed under this right. Supplemental conditions will be clarified to describe development.	

T02S, R03W, Section 30

Process	Basin Sequence	Draft	Owner	Source	POD/ POU	NWNW	SWNW	SEnw	NESW	NWSW	Total Acres
Water Right	57-1080	N	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	5.0	5.0			5.0	15
Water Right	57-11557	N	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	5.0	5.0			5.0	15
Water Permit	57-11596	N	ROMERO, CATHERINE A; ROMERO, JOHN P	GROUND WATER	POU	30.0	30.0	3.0	5.0	27.0	95
Water Right	57-259	N	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	5.0	5.0			5.0	15

This right includes all 302 acres under Reynolds Creek (surface water) Rights

Permit POU
No acres proposed for License POU

T02S, R04W, Section 24

Process	Basin Sequence	Owner	Source	POD/POU	NESW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	57-11596	ROMERO, CATHERINE A; ROMERO, JOHN P	GROUND WATER	POU	3.0 2.0	8.0 16.0	14.0	12.0 21.0	8.0 20.0	12.0 6.0	57.0 65.0
Water Right	57-1078	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU			4.0	29.0	7.0		40.0
Water Right	57-1079	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU			10.0	10.0	29.0		49.0
Water Right	57-1080	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	2.0	9.0				28.0	39.0
Water Right	57-11557	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	2.0	9.0	14.0	39.0	36.0	28.0	128.0
Water Right	57-243	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU			10.0	10.0	29.0		49.0
Water Right	57-259	ROMERO, CATHERINE A; ROMERO, JOHN P	REYNOLDS CREEK	POU	2.0	9.0				28.0	39.0
Water Right	57-1084	ROMERO, CATHERINE A; ROMERO, JOHN P	WASTE WATER	POU				26.0	26.0	2.0	54.0

Permit POU
Proposed License POU

SESW- 9 acres with surface water
7 acres GW only

This right includes all 302 acres under
Reynolds Creek (surface water) Rights

T02S, R04W, Section 25

Process	Basin Sequence	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	57-11596	ROMERO, CATHERINE A; ROMERO, JOHN P	GROUND WATER	POU	22.0 12.0	22	13	17.0		9.0	4			48.0 51.0
Water Right	57-1078	ROMERO	REYNOLDS CREEK	POU		17.0	10.0							27.0
Water Right	57-1079	ROMERO	REYNOLDS CREEK	POU		18.0	7.0							25.0
Water Right	57-1080	ROMERO	REYNOLDS CREEK	POU	36.0			39.0		32.0				107.0
Water Right	57-11557	ROMERO	REYNOLDS CREEK	POU	36.0	35.0	17.0	39.0		32.0				159.0
Water Right	57-243	ROMERO	REYNOLDS CREEK	POU		18.0	7.0							25.0
Water Right	57-259	ROMERO	REYNOLDS CREEK	POU	36.0			39.0		32.0				107.0
Water Right	57-1084	ROMERO	WASTE WATER	POU		13.0		7.0						20.0
Water Right	57-2187	SEVEN HIGH RANCH INC	BABBINGTON CREEK	POU					3.0					3.0
Water Right	57-2170	SEVEN HIGH RANCH INC	WASTE WATER	POU					6.0			8.0		14.0
Water Right	57-1064	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU								30.0		30.0
Water Right	57-1065	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU					8.0			3.0		11.0
Water Right	57-1088	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU									38.0	38.0
Water Right	57-11560	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU					8.0			30.0		38.0
Water Right	57-11561	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU									38.0	38.0
Water Right	57-244	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU									30.0	30.0
Water Right	57-253	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU					8.0			3.0		11.0
Water Right	57-266	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU									8.0	8.0
Water Right	57-268	SEVEN HIGH RANCH INC	REYNOLDS CREEK	POU					8.0			3.0		11.0

Permit POU
Proposed License POU

NWSE, 4 acres GW only

This right includes all 302 acres under Reynolds Creek (surface water) Rights

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property

Other Owner & Property