

**Water Right Conditions  
Tracking Slip**

**Ground Water/Hydrology Section**

**File No:** G-17318

**Routed To:** Water Rights (Eastman)

**Township/  
Range-Section:** T39S/R10E-sec33

**Conditions Attached?**  yes ( ) no

**Remarks or Further Instructions:**

See pg 2 for conditions

**Reviewer:** GERALD H GRONDIN



**DROUGHT APPLICATION: GROUND WATER REVIEW**

TO: Water Rights Section Date 31 March 2010  
 FROM: Ground Water/Hydrology Section Gerald H. Grondin  
Reviewer's Name  
 SUBJECT: Application G- 17318

The Emergency Drought Application is an expedited review and does not document the proposal to the same degree as a traditional groundwater application review. This is an emergency request for water for one season under a Governor's declaration of drought. The intent of this form is to document the information provided in an application regarding well locations, log-IDs and aquifers developed.

**A. GENERAL INFORMATION:** Applicant's Name: Douglas E. & Deborah L. Adkins & Splendor Ridge Inc.  
 County: Klamath

A1. Applicant(s) seek(s) (727 gpm) 1.62 cfs from 2 well(s) in the Klamath Basin,  
Lost River subbasin Quad Map: Altamont

A2. Proposed use Irrigation 129.7 acres Seasonality: 15 April to 15 October (184 days)

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	Existing, No Log	1	Basalt?	1.62	39S/10E-sec 33 ADD	2090'S, 1880' W fr NE cor S 33
2	Proposed	2	Basalt?	1.62	39S/10E-sec 33 ABA	470' S, 2730' W fr NE cor S 33
3						
4						
5						

- Alluvium, CRB, Bedrock

Fill out the following from the application for each well not yet drilled or no log available; otherwise, attached well reports

Well	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)
1	>450?	unknown	+/-150	?	unknown	727
2	+/-500	+/-150	+/-150	?	TBD	727

For documentation purposes complete the following:

The application (does) (does not) propose new wells be drilled for this emergency drought use. \_\_\_\_\_

Owner well 2 is proposed, owner well 1 is existing with no well log found

If known, are these new wells authorized on an existing permit? If so, which permit(s)? \_\_\_\_\_

Both wells are not authorized on an existing permit.

Both wells are being proposed on a pending regular ground water application, G-17319

The wells for this application (are) (are not) located within one mile of surface water (including springs). \_\_\_\_\_

Well 1 is less than one-mile from Nuss Lake (3,500 ft) and more than one mile from the Lost River (7,000 ft) and Crvstal Spring (9,700 ft)

Well 2 is less than one mile from Nuss Lake (2,600 ft) and more than one mile from the Lost River (5,500 ft) and Crvstal Spring (8,900 ft)

There (are) (are not) (I don't know that there are) groundwater declines due to overuse in the area. \_\_\_\_\_

USGS (2005) and Gannett and others (2007) note large seasonal declines west and north of the proposed wells and large annual declines west of the proposed wells.

Briefly describe groundwater supply concerns in the area and any compelling argument why an emergency-use drought permit should not be issued:

The proposed wells are less than 1.5 miles east of the Hill Road ground water concern area where interference with domestic wells has been previously received and about 2.5 miles south of the Pine Grove ground water concern area where interference with domestic wells is being monitored.

Permit Conditions: \_\_\_\_\_

If a permit is issued, include: \_\_\_\_\_

Condition 7B (interference condition)

"Large" water use condition (flowmeter required). Note that "The readings must be reported to the Department by 15 November."

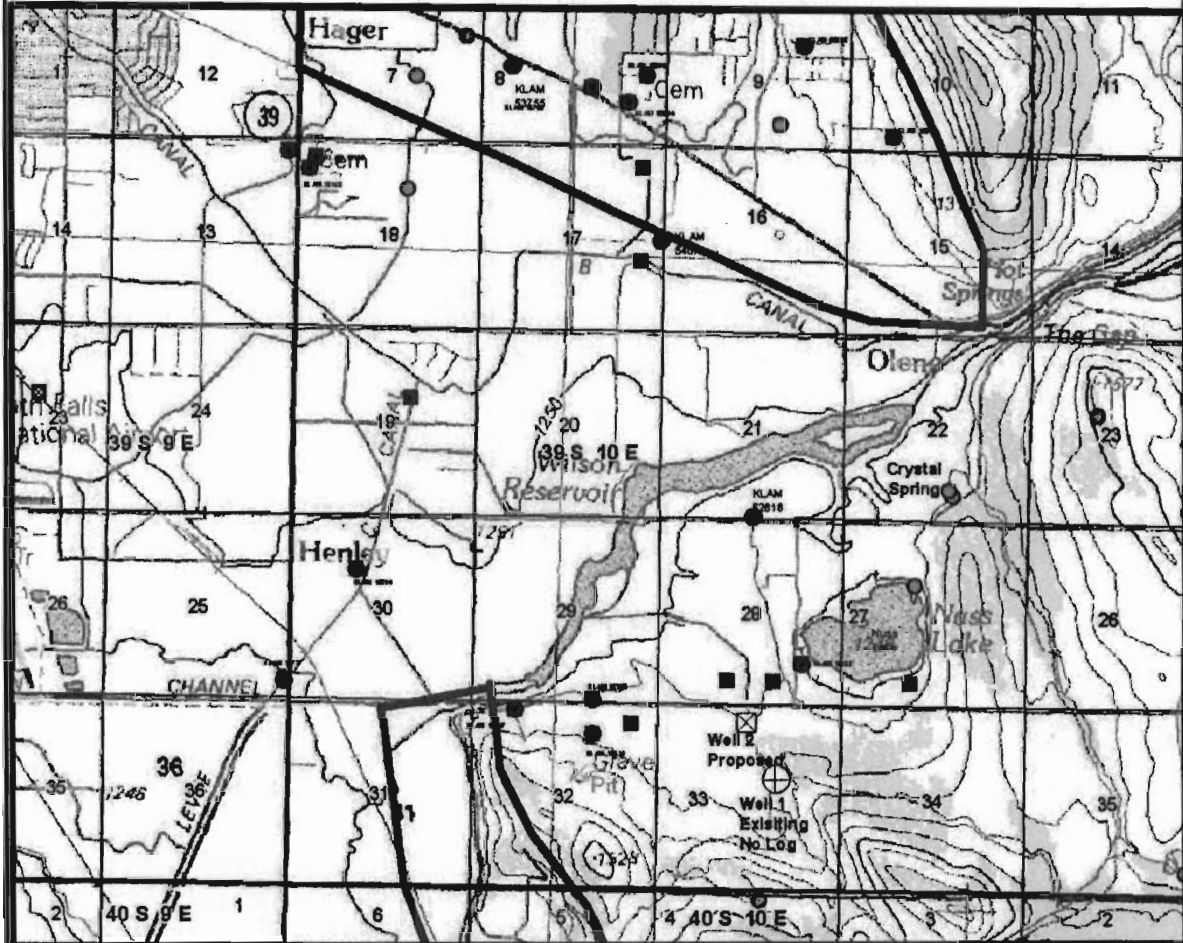
0.10 ~~0.01~~ ~~eight inch~~

Special condition for drought static ground water level measurement and reporting: "The static ground water level at the proposed well(s) must be measured to the nearest ~~0.01~~ foot (~~eight inch~~) and recorded prior to drought ground water pumping at the proposed well(s), and measured and recorded again at the end of drought ground water pumping at the proposed well(s). The measurements must be reported to the Department by 15 November of the same year."

Special condition for ground water level decline: "Ground water pumping under this permit shall discontinue or be reduced if the static ground water level measured by OWRD or USGS staff at a local well is 25 feet or lower than a previous 2010 static ground water level measurement unless the Department determines no action is necessary (pumping under this permit can continue) because the ground water resource can sustain the observed decline without adversely impacting the resource or without causing substantial interference with senior water rights."

Special condition for construction of proposed well 2: "Proposed well 2 shall obtain ground water from the predominant basalt unit that underlies the predominant basin fill unit. The well shall be constructed to have continuous casing and seal through the basin fill to the predominant basalt unit."

# Drought Ground Water Application G-17318 Douglas & Deborah Adkins & Splendor Ridge Inc.



**Yellow = Proposed Well**  
**Red or Blue = Other Wells**

**Green = Surface Water Rights**

**Heavy Red Outline = Ground Water Concern Area(s)**



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