

**R. Davis Drilling, L.L.C.**  
**PO Box 1427**  
**Springerville, AZ 85938**  
**(928) 333-1019**

DWR License Number: 689 ROC License Category: C53

May 17, 2010

James W. Crosswhite  
EC Bar Ranch – EC Bar Ranch Estates  
PO Box 44  
Nutrioso, AZ 85932

Dear Mr. Crosswhite,

R. Davis Drilling LLC is licensed by the State of Arizona to drill and develop water wells. I can install pumps, storage tanks, and complete domestic water systems. I have extensive experience finding groundwater in Springerville, Eagar, Alpine, and Nutrioso areas.

After surveying the EC Bar Ranch Estates (206 acres), T7N, R30E, S20/S29, Apache County, Nutrioso, AZ, in my opinion, there is high probability of finding groundwater at a depth of 50-100 feet in Lots 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 28, 29, 30, 31, 32, and 38 located on the east side of Nutrioso Creek and in Lots 44, 51, 52, 55, 56, and 57 on the west side of the creek. In my opinion there is a low probability of finding groundwater up to 100 feet deep in Lots 9, 14, 15, 26, 27, 33, 34, 35, 36, and 37, but there may be groundwater deeper than 100 feet. Not all Lots on the west side of the creek have been surveyed for possible groundwater. The enclosed Map depicts Lots with high potential for groundwater shaded in blue.

Table A lists details for existing water wells located in EC Bar Ranch Estates Lot 1 (Shop Well #1, Shop Well #2, Shop Well #3), Lot 18 (East Well), and Lots 43 and 44 (West Well #1, West Well #2). Drill logs are enclosed for existing water wells. There are other proven water wells on the EC Bar Ranch, but not located in EC Bar Ranch Estates subdivision.

Sincerely,

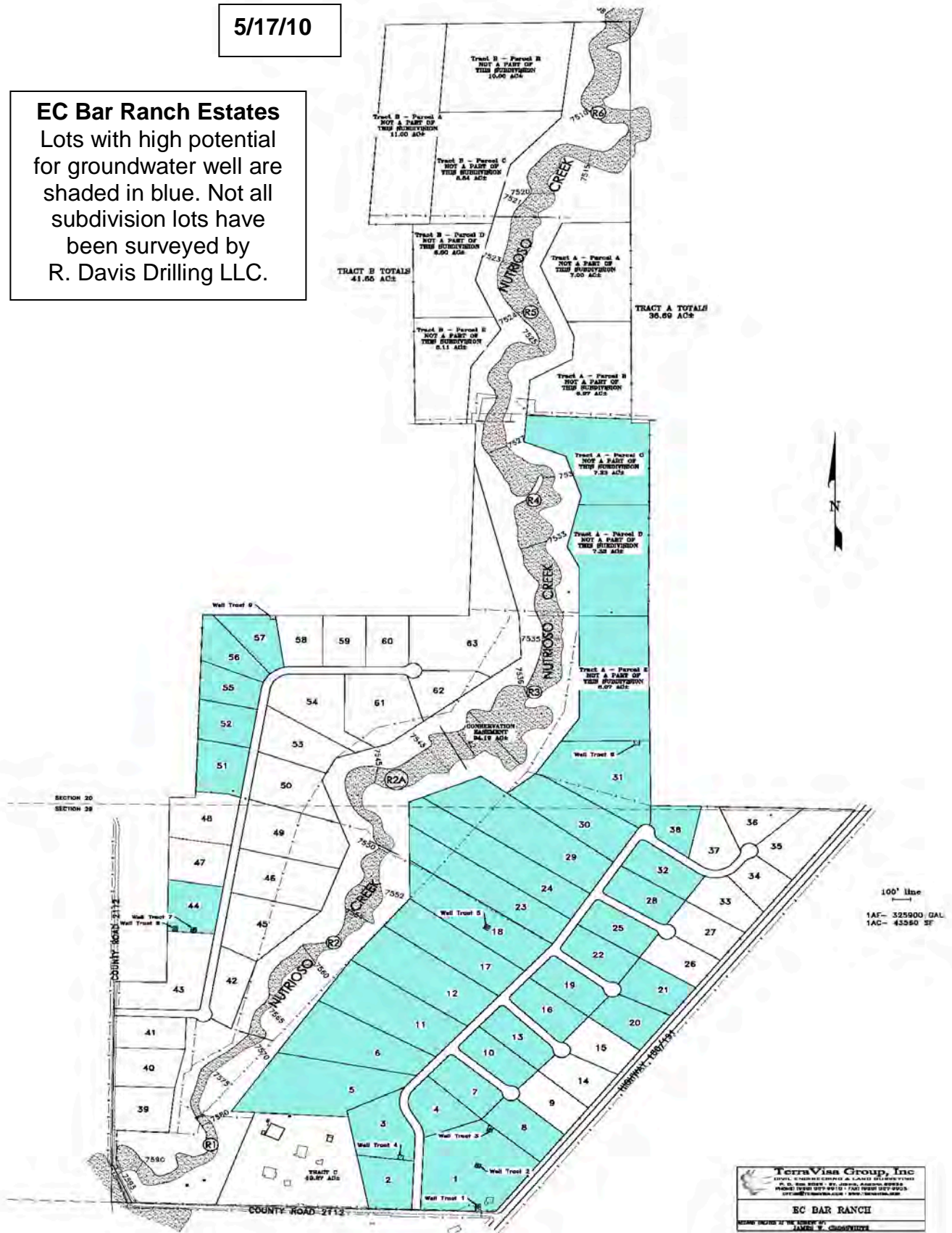


Richie Davis  
Manager

Enclosed: Map, Well Logs

5/17/10

**EC Bar Ranch Estates**  
Lots with high potential for groundwater well are shaded in blue. Not all subdivision lots have been surveyed by R. Davis Drilling LLC.



**TerraVista Group, Inc.**  
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**EC BAR RANCH**  
DRAWN UNDER THE SUPERVISION OF  
**JAMES V. CHRISTENSEN**

**Table A. Status of Water Wells in EC Bar Ranch Estates Subdivision**

<b>Lot #</b>	<b>Sec No.</b>	<b>Registration Number</b>	<b>Description</b>	<b>Date NOI Filed or Drilled</b>	<b>Current Primary Use</b>	<b>Current Other Uses</b>	<b>GPS Long/Latitude at Well Site</b>
1	29	55-202076	Shop 1	9/2/02	Domestic	Livestock, Irrigation	N33*58.379', W109*12.034'
1	29	55-589935	Shop 2	4/5/04	Domestic	Livestock, Irrigation	N33*58.420', 109*12.019'
1	29	55-205788	Shop 3	5/18/05	Domestic	Livestock, Irrigation	N33*58.332', W109*12.034'
18	29	55-574788	East	6/16/99	Domestic	Livestock, Irrigation	N33*58.647', W109*12.023'
43	29	55-574787	West 1	6/11/99	Livestock		N33*58.645', W109*12.379'
44	29	55-575667	West 2	6/29/99	Livestock		N33*58.643', 109*12.357'

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-202076 (Shop Well #1)  
Well type: Exempt

Date drilled: 9/02/02  
Date of inspection: 10/20/02 (report updated 12/01/08)

Drilled and inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: Corner Hwy 180 and CR2112, Nutrioso, AZ  
T7N, R30E, S29, NE1/4, NW1/4, SE1/4  
N33 deg 58.379 min, W109 deg 12.034 min  
Parcel ID #: 102-43-002E, Apache County

Primary Use: Domestic

Casing type and diameter: Surface: 8" steel; well: 6 inch steel; perforated 40-80 ft

Total well depth: 100 ft (water found 72-82 ft)

Static water level: 67 ft

Pump rating (HP and flow): Grundfos 5.0 hp/30 amp/ gpm capacity pump/set 94 ft/screen

Pressure tank capacity: 2 each – 80 gallon

Overall mechanical condition: OK

Overall visual condition: OK

Measured well flow rate: 30 gpm

Total well drawdown: 77 feet

Clarity of water: clear

Additional Remarks: Performed two tests of 3 hours each with similar static, drawdown,  
and  
flow results.

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-589935 (Shop Well #2)  
Well type: Exempt

Date drilled: 4/05/04  
Date of inspection: 5/2/04 (report updated 12/1/08)

Drilled and inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: Corner Hwy 180 and CR2112, Nutrioso, AZ  
T7N, R30E, S29, NE1/4, NW1/4, SE1/4  
N33 deg 58.420 min, W109 deg 12.019 min  
Parcel ID #: 102-43-002E, Apache County

Primary Use: Domestic

Casing type and diameter: Surface: 8" steel; well: 6 inch steel; perforated 60-80 ft

Total well depth: 120 ft (0-60 ft clay, 60-75 ft water, 80-120 sandstone)

Static water level: 52 ft

Pump rating (HP and flow): Grundfos 2 hp/15 amp/30 gpm pump/set 87 ft/screen

Pressure tank capacity: Controlled by Shop Well #1 pressure tanks and switch

Overall mechanical condition: OK

Overall visual condition: OK

Measured well flow rate: 25 gpm

Total well drawdown: 66 feet

Clarity of water: clear

Additional Remarks: 4/1/04 – pumped 9am-4 pm at 15 gpm; 4/22/04 – pumped up to 25  
gpm  
all afternoon.

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-205788 (Shop Well #3)  
Well type: Exempt

Date drilled: 5/18/05  
Date of inspection: 5-23-05 (report updated 12/1/08 and 5/4/09)

Drilled and inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: Corner Hwy 180 and CR2112, Nutrioso, AZ  
T7N, R30E, S29, NE1/4, NW1/4, SE1/4  
N33 deg 58.332 min, W109 deg 12.034 min  
Parcel ID #: 102-43-002A, Apache County

Primary Use: Domestic

Casing type and diameter: Surface: 8" steel; well: 6 inch steel; perforated 80-120 ft

Total well depth: 120 ft (water found 90-105 ft)

Static water level: 70 ft

Pump rating (HP and flow): New pump 5/4/09: 1.5 hp/10amp/25 gpm pump/set 85 ft/1.25 inch  
PVC

Pressure tank capacity: 2 each – 80 gallon

Overall mechanical condition: OK

Overall visual condition: OK

Measured well flow rate: 28 gpm

Total well drawdown: 82 feet

Clarity of water: clear

Additional Remarks: Tested 5/4/09 for 6 hrs and 5/5/09 for 8 hrs for static, drawdown,  
and  
flow results.

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-574788 (East Well)  
Well type: Exempt

Date drilled: 6/16/99  
Date of inspection: 7/20/99 (report updated 12/1/08)

Drilled by: Rainbow Drilling (Lic #608)  
8005 W. Patrick Lane, Peoria, AZ 85382  
(602) 566-4414

Inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: CR2112, Nutrioso, AZ  
T7N, R30E, S29, NE1/4, NW1/4, SE1/4  
N33 deg 58.647 min, W109 deg 12.023 min  
Parcel ID #: 102-43-002E, Apache County

Primary Use: Domestic

Casing type and diameter: Surface: 8" steel; well: 5 inch PVC; perforated 60-100 ft

Total well depth: 100 ft (water found 60 ft)

Static water level: 20 ft

Pump rating (HP and flow): Grundfos 1.5 hp/10 amp/ 40 gpm pump/set 86 ft

Pressure tank capacity: 1 each 80 gallon tank

Overall mechanical condition: OK

Overall visual condition: OK

Well flow rate: 25 gpm

Total well drawdown: 37 feet

Clarity of water: clear

Additional Remarks: Performed two tests of 3 hours each with similar static, drawdown,  
and  
flow results.

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-574787 (West Well #1)  
Well type: Exempt

Date drilled: 6/11/99  
Date of inspection: 6/29/99 (report updated 12/1/08)

Drilled by: Rainbow Drilling (Lic #608)  
8005 W. Patrick Lane, Peoria, AZ 85382  
(602) 566-4414

Inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: CR2112, Nutrioso, AZ  
T7N, R30E, S29, NW1/4, NE1/4, SW1/4  
N33 deg 58.645 min, W109 deg 12.379 min  
Parcel ID #: 102-43-002E, Apache County

Primary Use: Stock watering

Casing type and diameter: Surface: 8" steel; well: 5 inch PVC; perforated 60-100 ft

Total well depth: 100 ft (water found 60 ft)

Static water level: 17 ft

Pump rating (HP and flow): Grundfos 1/2 hp/ 10 gpm pump/set 88 ft

Pressure tank capacity: No pressure tanks. Pump operated by float switch in storage tank.  
Simcom shuts pump off when well runs out of water.

Overall mechanical condition: OK

Overall visual condition: OK

Well flow rate: Approximately 1/2 gpm (tied to West Well #2)

Total well drawdown: Pump draws water down at 10 gpm to 88 ft, then water dries up and  
pump stops by Simcom.

Clarity of water: clear

Additional Remarks: Performed two tests of 3 hours each with similar static, drawdown,  
and flow results.

## WELL INSPECTION REPORT

ADWR Well Registration No.: 55-575667 (West Well #2)  
Well type: Exempt

Date drilled: 6/29/99  
Date of inspection: 7/18/99 (report updated 12/1/08)

Drilled by: Rainbow Drilling (Lic #608)  
8005 W. Patrick Lane, Peoria, AZ 85382  
(602) 566-4414

Inspected by: R. Davis Drilling LLC  
PO Box 1427, Springerville, AZ 85938  
(928) 333-1019

Well owner: James Wayne Crosswhite, LLC  
PO Box 44, Nutrioso, AZ 85932  
(928) 339-4840

Well location: CR2112, Nutrioso, AZ  
T7N, R30E, S29, NW1/4, NE1/4, SW1/4  
N33 deg 58.643 min, W109 deg 12.357 min  
Parcel ID #: 102-43-002E, Apache County

Primary Use: Stock watering

Casing type and diameter: Surface: 8" steel; well: 5 inch PVC; perforated 60-100 ft

Total well depth: 100 ft (water found 68 ft)

Static water level: 22 ft

Pump rating (HP and flow): Grundfos 1/2 hp/ 10 gpm pump/set 88 ft

Pressure tank capacity: No pressure tanks. Pump operated by float switch in storage tank.  
Simcom shuts pump off when well runs out of water.

Overall mechanical condition: OK

Overall visual condition: OK

Well flow rate: Approximately 1/2 gpm (tied to West Well #1)

Total well drawdown: Pump draws water down at 10 gpm to 88 ft, then water dries up and  
pump stops by Simcom.

Clarity of water: clear

Additional Remarks: Performed two tests of 3 hours each with similar static, drawdown,  
and flow results.