

Miller Drilling Co.

Miller Drilling Co.
 329 N. Main St.
 Templeton, CA 93465
 (805) 434-1888

Contractors License No. 324634

PUMP TEST REPORT

WELL OWNER: <u>Russell Libby</u>	Pump Set: <u>380'</u>	Job#: <u>17504</u>	Well #: <u>5"</u>
BILLING ADDRESS: <u>4303 Sand Cyn Road</u>	Pump Size: <u>5 H.P.</u>	Well Depth: <u>580'</u>	
<u>Somis, CA 93066</u>	Testing Method: <u>Existing Pump</u>		
	Perf Rec: <u>420-440 460-580</u>		
	APN: <u>019-011-013</u>		
Standing Level Before Test: <u>270'</u>	LOCATION: <u>Nickel Creek off Ranchita Cyn</u>		

TESTING

TIME	PUMPING LEVEL	WATER CONDITION	WATER/BOWLS	GPM
9:45	Start	Clear		46
9:50	279.45	Clear		46
9:55	280	Cloudy, Drill Fluid		46
10:00	280.35	Clear		46
10:15	280.67	Clear		46
10:30	281.02	Clear		46
11:00	281.64	Clear		46
11:30	282	Clear		46
1:45	284.73	Clear		46

Notes: _____

STANDING LEVEL AFTER TEST: 272 After 5 minutes
 FINAL TEST RESULTS: Produced: 46 GPM for 4 hours on: 4/23/2010
 Test Run By: Marc Bollinger

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California
Well Completion Report

Refer to Instruction Pamphlet
No. e0107908

Page 1 of 2

Owner's Well Number _____

Date Work Began 03/22/2010 Date Work Ended 3/29/2010

Local Permit Agency SAN LUIS OBISPO COUNTY HEALTH DEPT

Permit Number 2010-014 Permit Date 3/17/10

DWR Use Only - Do Not Fill In

State Well Number/Site Number			
N		W	
Latitude		Longitude	
APN/TRS/Other			

Geologic Log				
Orientation	Vertical	Horizontal	Angle	Specify
Drilling Method	ROTARY	Drilling Fluid	BENTONITE	
Depth from Surface	Description			
Feet to Feet	Describe material, grain size, color, etc.			
0	1	TOP SOIL		
1	3	YELLOW SHALE		
3	15	WHITE SHALE		
15	33	SAND & GRAVEL		
33	40	YELLOW CLAY		
40	60	SANDY SHALE GRAVEL		
60	95	YELLOW CLAY		
95	110	SANDY SHALE GRAVEL		
110	160	SANDY BROWN CLAY		
160	165	HARD SAND & GRAVEL		
165	220	BROWN CLAY		
220	242	TIGHT SHALE GRAVEL WITH FINE SAND		
242	265	BROWN CLAY		
265	275	TIGHT SHALE GRAVEL WITH FINE SAND		
275	285	BROWN CLAY		
285	305	SANDY SHALE GRAVEL		
305	335	BROWN CLAY		
335	380	TIGHT SANDY SHALE GRAVEL WITH LOOSE STRINGERS		
380	415	BROWN CLAY		
415	420	FINE SAND		
420	427	SANDY SHALE GRAVEL		
427	445	BROWN CLAY		
445	460	SANDY SHALE GRAVEL		
460	480	BROWN CLAY		
480	492	SAND SHALE GRAVEL		
492	500	BROWN CLAY WITH SHALE GRAVEL STRINGERS		
500	525	SAND SHALE GRAVEL WITH CLAY STRINGERS		
Total Depth of Boring		Feet		
Total Depth of Completed Well		Feet		

Well Owner	
Name	<u>RUSSELL LIBBY</u>
Mailing Address	<u>4303 SAND CANYON ROAD</u>
City	<u>SOMIS</u> State <u>CA</u> zip <u>93066</u>
Well Location	
Address	<u>NICKEL CREEK OFF RANCHITA CYN</u>
City	<u>SAN MIGUEL</u> County <u>San Luis Obispo</u>
Latitude	<u>34</u> <u>46</u> <u>2</u> N Longitude <u>120</u> <u>36</u> <u>30</u> W
Datum	Decimal Lat. _____ Decimal Long. _____
APN Book	<u>019</u> Page <u>011</u> Parcel <u>013</u>
Township	<u>25S</u> Range <u>13E</u> Section <u>7</u>

Location Sketch	Activity
(Sketch must be drawn by hand after form is printed.)	<input checked="" type="radio"/> New Well <input type="radio"/> Modification/Repair <input type="radio"/> Deepen <input type="radio"/> Other <input type="radio"/> Destroy <small>Describe procedures and materials under "GEOLOGIC LOG"</small>
North	Planned Uses <input checked="" type="radio"/> Water Supply <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="radio"/> Cathodic Protection <input type="radio"/> Dewatering <input type="radio"/> Heat Exchange <input type="radio"/> Injection <input type="radio"/> Monitoring <input type="radio"/> Remediation <input type="radio"/> Sparging <input type="radio"/> Test Well <input type="radio"/> Vapor Extraction <input type="radio"/> Other
West	
East	
South	
<small>Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.</small>	

Water Level and Yield of Completed Well	
Depth to first water	<u>285</u> (Feet below surface)
Depth to Static Water Level	<u>268</u> (Feet) Date Measured <u>03/29/2010</u>
Estimated Yield *	_____ (GPM) Test Type _____
Test Length	_____ (Hours) Total Drawdown _____ (Feet)
*May not be representative of a well's long term yield.	

Casings									Annular Material		
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size	Depth from Surface	Fill	Description	
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)	Feet to Feet			

Attachments	
<input type="checkbox"/>	Geologic Log
<input type="checkbox"/>	Well Construction Diagram
<input type="checkbox"/>	Geophysical Log(s)
<input type="checkbox"/>	Soil/Water Chemical Analyses
<input type="checkbox"/>	Other

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name <u>MILLER DRILLING COMPANY</u>			
Person, Firm or Corporation			
<u>SEE PAGE 2</u>	Address	City	State <u>CA</u> Zip
Signed			

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File Original with DWR

State of California Well Completion Report

Refer to Instruction Pamphlet
No. e0107908

Page 2 of 2

Owner's Well Number _____

Date Work Began 03/22/2010

Date Work Ended 3/29/2010

Local Permit Agency SAN LUIS OBISPO COUNTY HEALTH DEPT

Permit Number 2010-014

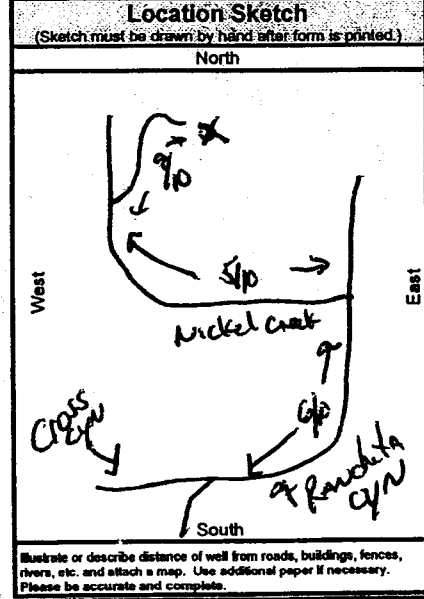
Permit Date 3/17/10

DWR Use Only -- Do Not Fill In									
State Well Number/Site Number									
Latitude					Longitude				
APN/TRS/Other									

Geologic Log		
Orientation <input checked="" type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____		
Drilling Method <u>ROTARY</u> Drilling Fluid <u>BENTONITE</u>		
Depth from Surface	Feet to Feet	Description
Describe material, grain size, color, etc.		
525	530	BROWN CLAY
530	545	TIGHT SHALE GRAVEL WITH LOOSE STRINGERS
545	550	SANDY SHALE GRAVEL
550	555	BROWN CLAY
555	575	SANDY SHALE GRAVEL
575	590	BROWN CLAY
NOTE: ANY PERSON REMOVING THE CAP FROM THIS WELL OTHER THAN MILLER DRILLING CO OR AUTHORIZED CONTRACTOR APPROVED BY US WILL VOID ALL STRUCTURAL WARRANTIES.		
BLOW TEST: 5 GPM @ 300 FT. 80+GPM @ 420 FT. 100+GPM @ 580 FT.		
Total Depth of Boring <u>590</u> Feet		
Total Depth of Completed Well <u>580</u> Feet		

Well Owner		
Name	<u>RUSSELL LIBBY</u>	
Mailing Address	<u>4303 SAND CANYON ROAD</u>	
City	<u>SOMIS</u>	State <u>CA</u> Zip <u>93066</u>

Well Location		
Address <u>NICKEL CREEK OFF RANCHITA CYN</u>		
City	<u>SAN MIGUEL</u>	County <u>San Luis Obispo</u>
Latitude	<u>34 46 2</u> N	Longitude <u>120 36 30</u> W
Datum _____ Decimal Lat. _____ Decimal Long. _____		
APN Book	<u>019</u>	Page <u>011</u> Parcel <u>013</u>
Township	<u>25S</u>	Range <u>13E</u> Section <u>7</u>



Activity
<input checked="" type="radio"/> New Well
<input type="radio"/> Modification/Repair
<input type="radio"/> Deepen
<input type="radio"/> Other _____
<input type="radio"/> Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses
<input checked="" type="radio"/> Water Supply
<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public
<input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial
<input type="radio"/> Cathodic Protection
<input type="radio"/> Dewatering
<input type="radio"/> Heat Exchange
<input type="radio"/> Injection
<input type="radio"/> Monitoring
<input type="radio"/> Remediation
<input type="radio"/> Sparging
<input type="radio"/> Test Well
<input type="radio"/> Vapor Extraction
<input type="radio"/> Other _____

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Depth to Static	_____
Water Level	<u>268</u> (Feet) Date Measured <u>03/29/2010</u>
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Test Length	_____ (Hours) Total Drawdown _____ (Feet)
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Casings								Annular Material		
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size	Depth from Surface	Fill	Description
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)	Feet to Feet		
0	420	9 7/8	BLANK	F480 PVC	.265	5		0	50	CEMENT
420	440	9 7/8	PERF	F480 PVC	.265	5	Milled Slots	50	580	GRAVEL PACK BIRDSEYE
440	460	9 7/8	BLANK	F480 PVC	.265	5				
460	580	9 7/8	PERF	F480 PVC	.265	5	Milled Slots			

Attachments
<input type="checkbox"/> Geologic Log
<input type="checkbox"/> Well Construction Diagram
<input type="checkbox"/> Geophysical Log(s)
<input type="checkbox"/> Soil/Water Chemical Analyses
<input type="checkbox"/> Other _____

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name <u>MILLER DRILLING COMPANY</u>			
Person, Firm or Corporation			
<u>329 NORTH MAIN STREET</u>		<u>TEMPLETON</u>	<u>CA</u> <u>93465</u>
Address		City	State Zip
Signed <u>KURT ROLLINS</u>		<u>03/30/2010</u>	<u>324634</u> <u>BB</u>