





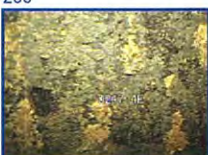






# Wellbore Video Report

Company: ODells Pump & Motor Service Invoice No: \_\_\_\_\_ Run No.: 1  
 Address: 1650 Bell Ave, Ste 120 Well Number: Lucich North Well  
 City: Sacramento State: CA Zip: 95838 Survey Date: Jun 17, 2015  
 Requested By: Jay P.O.: \_\_\_\_\_ Well Owner: TNBC  
 Copy To: \_\_\_\_\_ Camera: CCV Color Flip Camera - Long L.H.  
 Reason For Survey: General Inspection Zero Datum: Top of Casing  
 Operator: Kevin Cotton Lat.: 38°48'10.11"N Long.: 121°34'19.41"W Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rge: \_\_\_\_\_  
 Location: South West Of Howsley & Hwy 99, Pleasant Grove Depth: \_\_\_\_\_ Van: 2  
 Csg I.D.@Surface: 15.5" I.D. Ref: Measured Casing Corrosion: Heavy

(NOTE: Latitude and Longitude values determined using a recreational GPS accurate to about +/- 45'. SEC, TWP and RGE then determined using the TRS conversion program, accuracy not guaranteed.)

SELECTED WELLBORE SNAPSHOTS	TRUE DEPTHS (SideScan - Feet)	WELLBORE / CASING INFORMATION
 	24'	Static Water Level (SWL)
 	123'	Perforations, Top Of Screens, 70% Plugged
 	140'	Downview Of Screen
 	150'	Sidescan Of Screen
 	162'	Perforations, Bottom Of Screens
 	224'	Perforations, Top Of Slots (224-Into Fill) 90% Plugged
	250'	Sidesan Of Casing
	275'	Downview Of Casing
	291'	Fill, Bottom, End of Survey
		<p>Recommendations:</p> <ul style="list-style-type: none"> <li>Brush, Swab And Airlift</li> <li>Redevelop Screens With Packer</li> <li>RE-T.V.</li> <li>PrimaPulse Clean</li> </ul>

**From:** Jim Sopwith Sopwith@myfam.com

**Subject:** FW: Natomas Farms Well

**Date:** July 20, 2015 at 1:41 PM

**To:** John Roberts jroberts@natomasbasin.org

**Cc:** Jennifer Kelley jkelley@natomasbasin.org, Kimberli Burns kburns@natomasbasin.org, Valerie Huezo vhuezo@natomasbasin.org

JS

John,

Here is the quote to bring the Natomas Farms well up to a conditions will allow pumping in the conjunctive use program.

Let me know if there is anything else you want.

Thanks,

Jim

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**From:** odellspumps@comcast.net [mailto:odellspumps@comcast.net]

**Sent:** Monday, July 20, 2015 12:28 PM

**To:** sopwith@myfam.com

**Cc:** odellspumps@comcast.net

**Subject:** Natomas Farms Well

Jim Sopwith,

Here is the quote you requested for blocking off the screen and redeveloping the well below the blocked off section for the Natomas Farms Well:

Pull Pump & Motor: \$2700.00

Video Well With Re-Video \$850.00

Wire Brush, Swab and Airlift Debris and Fill From Bottom of Well: \$5400.00

Redevelop Screen with Packer: \$2700.00

Prime Pulse Clean (Small Explosive Charge To Break Up Around The Well) \$2700.00

Swage Off Screen From 120' to 140' with 20' Mild Steel Patch: \$22,000.00

Install Pump & Motor: \$2700.00

Total Estimate: \$39,050.00

2 to 3 Week Lead Time

Jay

Odell's Pump & Motor Service

1050 Bell Ave



439 / 2015.07.29

# Surface Water Availability Projections Summer 2015 thru Spring 2016

from Natomas Central Mutual Water Company

## Water off:

End irrigation season  
for rice in  
late September



## Water on (temporary):

Decomposition water  
available  
October 15-31, 2015\*



## Water on (temporary):

Winter water available  
December 1-23, 2015\*



## Water on:

Surface water available  
April 16, 2016

\*Pending authorization from SWRCB

SOURCE: NCMWC