

1R -

315

APPROVALS

YEAR(S):

2004

Price, Wayne

From: Price, Wayne
Sent: Friday, December 03, 2004 11:57 AM
To: 'Mike Griffin'; Price, Wayne; Carolyn Doran Haynes (E-mail); Kristin Farris Pope (E-mail)
Cc: enviro@leaco.net
Subject: RE: Abo F-31 Monitor Well Closure and Pit closure.

*The Plugging procedure is hereby approved and OCD hereby approves of the Pit closure of the Abo F-31 site and requires no further action at this time.
In the future, please let OCD know when plugging procedures will be different than the QP-30.*

Please be advised that NMOCD approval of this plan does not relieve (Rice Operating Company) of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve (Rice Operating Company) of responsibility for compliance with any other federal, state, or local laws and/or regulations.

-----Original Message-----

From: Mike Griffin [mailto:whearth@msn.com]
Sent: Friday, December 03, 2004 9:18 AM
To: wprice@state.nm.us
Cc: enviro@leaco.net
Subject: Abo F-31 Monitor Well Closure

Good Morning, Wayne:

Sorry for the delay in formalizing the plugging of the Abo monitor well.

The well was plugged by Eades Drilling on November 9, 2004 in accordance with the plugging procedure QP-30 (attached).

The measured depth to groundwater was 91.0' and total open bore depth was 93.6'. A dense silt extends below the open bore to a total well depth of 98'.

Five and one half gallons of cement slurry was poured into the casing from a depth of 93.6' below ground surface (bgs) to 67'bgs. Bentonite clay filled the remaining annulus to a depth of 3' bgs. A cement cap was poured the remaining 3' and was used to fill in the surface casinghead.

Photos of the plugging operation are available at the Rice Hobbs office.

Mike Griffin

Whole Earth Environmental, Inc.
Phone: 281.394.2050
FAX: 281.394.2051

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For more information please visit <http://www.messagelabs.com/email>

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Atkins Engineering Associates, Inc.

2904 W. 2nd St., Roswell, NM 88202-3156

LOG OF BORING Rice ABO-MW

(Page 2 of 2)

Whole Earth
19606 San Gabriel
Houston, TX 77084

Contact: Mike Griffin

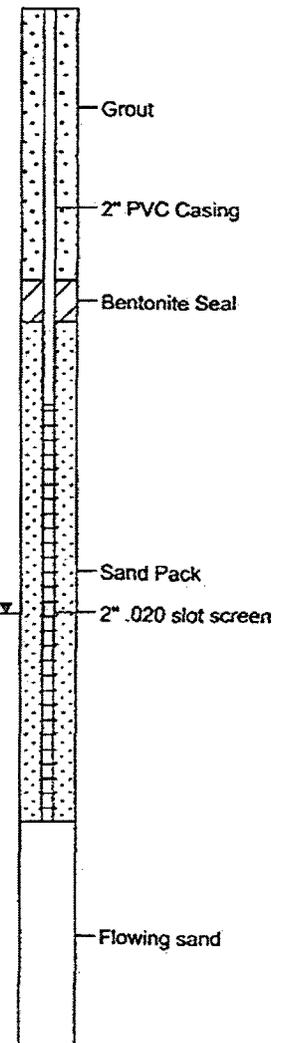
Job#: WHOLETH.AIR.01

Date : 09-20-01
Drill Start/End : 1200/1700
Boring Location : S Lovington 4 mi & ¼ mi E (SE of pit)

Site Location : Near Lovington, NM
Auger Type : Hollow Stem
Logged By : Mort Bates

Depth in Feet	GRAPHIC	USCS	Samples	DESCRIPTION	Lab
60	[Stippled pattern]	SP		Sand w/sandstone, tan, firm, dry	
65					
70	[Stippled pattern]				
75					
80		SP			
85					
90	[Stippled pattern]			Sand, tan, loose, damp	
95		SP			
100	[Stippled pattern]			Sand, tan, soft, wet	
105					
110		SP			
115					
120					

Well: ABO



Total depth 110'
Note: Sand is flowing and was only able to land the casing to 99'

09-20-2001 C:\MTECH\46\RICE\labo-mw.bor

3.4 All equipment used to measure the static water level will be decontaminated after each use by means of Alconox, a phosphate free laboratory detergent, and water to reduce the possibility of cross-contamination. The volume of water in each well casing will be calculated.

4.0 Plugging

4.1 Each bore will be filled with a fifteen pound per gallon cement slurry of sufficient volume to completely fill the casing and flow through the screen into the lower cone of influence.

4.2 All wellheads will be removed to below ground surface.

4.3 Cement grout will be applied to each wellhead to fill to ground surface.

5.0 Water Disposal

5.1 All purge and decontamination water will be temporarily stored within a portable tank and then pumped into a storage tank for subsequent disposal within an approved system.

6.0 Records

6.1 The company plugging the well shall prepare a schematic showing the general well construction including total depth and diameter of casing and screen, bore volume, volume and weight of cement used in the plugging, date of the plugging operation, and a description of the surface restoration. The report shall additionally contain a legal description of the location of the well, the project for which the well was originally drilled, the name of the company plugging the well, the plugging company's New Mexico License No. and the names of the personnel involved.

6.2 It is recommended but not required that photographs of the final surface restoration be taken and included within the records.

6.3 Copies of the plugging report shall be submitted to all appropriate agencies and retained by the well operator for a minimum period of ten years.