

1R - 248

APPROVALS

YEAR(S):

2009

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Thursday, February 12, 2009 3:25 PM
To: 'BLFISH@sunocoinc.com'
Cc: 'Gates, Mike'; Price, Wayne, EMNRD; Johnson, Larry, EMNRD
Subject: RE: 1R248 Termination (GW Monitoring Well Plugging Report Approval)

**RE: GW Monitoring Well Plugging Report Approval
for Sunoco's
Lea Crude Oil Truck Station Site
Section 28, T20S, R37E, Lea County, New Mexico
Remediation Plan (1R-248) Termination**

Dear Mr. Fish:

The New Mexico Oil Conservation Division (OCD) has received the groundwater monitoring well plugging report for the Lea Crude Oil Truck Station Site, dated February 9, 2009, and has conducted a review of the report. The plugging report, submitted for the above reference site, indicates that the Sunoco has met the plugging requirements. Therefore, the OCD hereby approves the plugging report and gives notice that the OCD case file for the Remediation Plan (1R-248) is closed.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Gates, Mike [mailto:Mike.Gates@arcadis-us.com]
Sent: Monday, February 09, 2009 1:34 PM
To: Hansen, Edward J., EMNRD
Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; BLFISH@sunocoinc.com
Subject: RE: 1R248 Termination

Dear Mr. Hansen

Attached is the monitoring well plugging report for the former Sunoco Lea Crude Oil Truck Station. The submittal of this report should satisfy the remaining requirements to terminate this case (1R-248). The original will be sent regular mail.

If you have any questions, please call.

Thanks
Mike

Michael Gates
ARCADIS
5100 East Skelly Drive, Suite 1000
Tulsa, OK 74135
918.850.1052 (Cell)
918.664.9900 (Office)

From: Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]
Sent: Wednesday, October 15, 2008 3:08 PM
To: BLFISH@sunocoinc.com
Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; Gates, Mike
Subject: 1R248 Termination

RE: "Closure Report"
for Sunoco's
Lea Crude Oil Truck Station Site
Section 28, T20S, R37E, Lea County, New Mexico
Remediation Plan (1R-248) Termination

Dear Mr. Fish:

The New Mexico Oil Conservation Division (OCD) has received the closure report for the Lea Crude Oil Truck Station Site, dated August 24, 2007, and has conducted a review of the report and additional groundwater monitoring data of nearby wells. The closure report, submitted for the above reference site, indicates that the Sunoco has met the closure requirements. Therefore, the OCD hereby approves the closure report and gives notice that the Remediation Plan (1R-248) is terminated. However, the three groundwater monitoring wells must be plugged and a plugging report sent to the OCD within 60 days.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

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Mr. Edward J. Hansen
New Mexico Energy, Mineral and Natural Resources Department
Oil Conservation Division
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Santa Fe, New Mexico 87505

ARCADIS U.S., Inc.
5100 E Skelly Drive
Suite 1000
Tulsa
Oklahoma 74135
Tel 918 664 9900
Fax 918 664 9925

ENVIRONMENTAL

Subject:

Former Sunoco Lea Crude Oil Truck Station, Section 28, T20S, R37E, Lea County,
New Mexico; Monitoring Well Plugging Report and Remediation Plan (1R-248)
Termination

Dear Mr. Hansen:

ARCADIS, Inc., on behalf of Sunoco, Inc., has prepared this report to document the plugging and abandonment of the three (3) groundwater monitoring wells formerly used to demonstrate compliance with termination requirements for Remediation Plan 1R-248 at Sunoco's former Crude Oil Truck Station in Lea County, New Mexico. The plugging and abandonment activities were conducted following the notification of remediation termination by the New Mexico Energy, Mineral, and Natural Resources Department, Oil Conservation Division (OCD) in your correspondence to Sunoco dated October 15, 2008.

Tulsa, Oklahoma
February 9, 2009

Contact:
Michael M. Gates

Contact Number:
(918) 664-9900

The monitoring well plugging and abandonment activities were conducted on January 19, 2009. The work was conducted by Atkins Engineering Associates, Inc., of Roswell New Mexico, a licensed water well driller in the state of New Mexico. The site work was supervised by ARCADIS. The plugging and abandonment details are documented in the plugging reports attached to this letter report.

As specified in your October 15, 2008 correspondence, the documentation provided in this report should satisfy the remaining requirements for termination of Remediation Plan 1R-248. Please call me at 918-664-9900 if you have any questions concerning this report. Thank you for your assistance.

Sincerely,

ARCADIS U.S., Inc.

Michael M. Gates
Project Advisor

cc: Brad Fish Sunoco

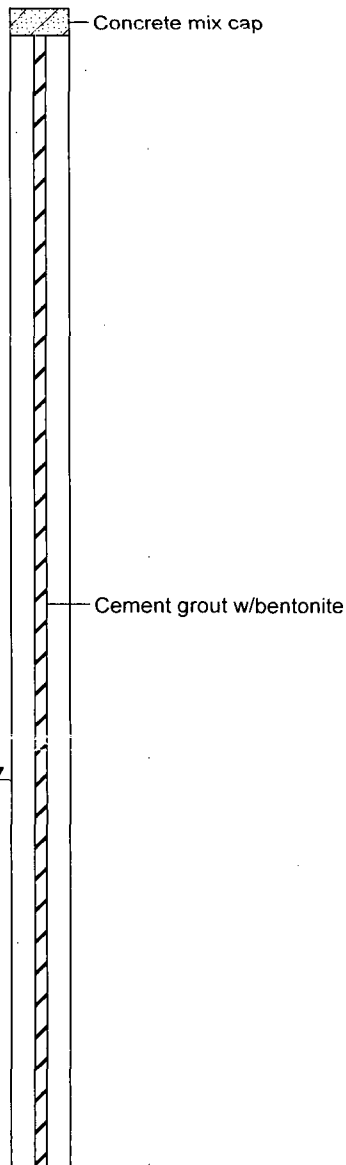
Imagine the result

Log of Plugging Monitor Well 991

ARCADIS
5100 E. Skelly Dr., Suite 1000
Tulsa, OK 74135
Contact: Michael Gates
Job#: ARCADIS.OIL.09

Start : 01-19-09 (09:00) Logged By : Mort Bates
End : 01-19-09 (11:00)
MW location : NW edge of tank battery
Site location : Plains Pipeline, Oil Center, NM
Auger Type : Hollow Stem

Depth in Feet	GRAPHIC	USCS	Sample	DESCRIPTION
0				Plug and abandon Monitor Well 991. 2" PVC casing with a 4"x4"x5' well cover. Well cover cut off even with land surface. Well was completely grouted and then capped with a foot of concrete mix to seal the well at land surface. Total depth 40.68' Water level 26.15'
5				Volume of grout for well 7.09 gallons; 20± gallons of cement grout w/bentonite at 17 pounds per gallon pumped through tremie pipe from total depth to land surface.
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15				
20				
25				
30				
35				
40				
45				



Log of Plugging Monitor Well 992

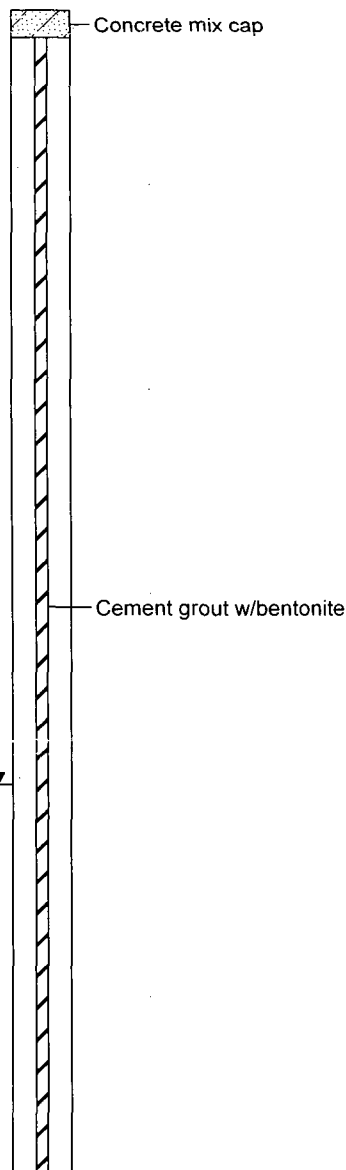
ARCADIS
5100 E. Skelly Dr., Suite 1000
Tulsa, OK 74135

Contact: Michael Gates

Job#: ARCADIS.OIL.09

Start : 01-19-09 (09:00) Logged By : Mort Bates
End : 01-19-09 (11:00)
MW location : E edge of tank battery
Site location : Plains Pipeline, Oil Center, NM
Auger Type : Hollow Stem

Depth in Feet	GRAPHIC	USCS	Sample	DESCRIPTION
0				Plug and abandon Monitor Well 992. 2" PVC casing with a 4"x4"x5' well cover. Well cover cut off even with land surface. Well was completely grouted and then capped with a foot of concrete mix to seal the well at land surface. Total depth 40.72' Water level 26.12'
5				Volume of grout for well 7.1 gallons; 20± gallons of cement grout w/bentonite at 17 pounds per gallon pumped through tremie pipe from total depth to land surface.
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25				
30				
35				
40				
45				



Start	: 01-19-09 (09:00)
End	: 01-19-09 (11:00)
MW location	: S edge of tank battery
Site location	: Plains Pipeline, Oil Center, NM
Auger Type	: Hollow Stem

Job#: ARCADIS.OIL.09

0		Plug and abandon Monitor Well 993. 2" PVC casing with a 4"x4"x5' well cover. Well cover cut off even with land surface. Well was completely grouted and then capped with a foot of concrete mix to seal the well at land surface. Total depth 41.14' Water level 26.91' Volume of grout for well 7.17 gallons; 20± gallons of cement grout w/bentonite at 17 pounds per gallon pumped through tremie pipe from total depth to land surface.
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