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APPROVALS

YEAR(S):

2003 - 2000



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

October 2, 2003

Mr. Ron Lechwar, HES Coordinator
Pure Resources, LP
500 West Illinois
Midland, Texas 79701

by email to rlechwar@pureresources.com

NTP FOR REMEDIATION AT LOVINGTON Paddock SITE
PURE PROJECT MT000803.0001 **OCD FILE 1R-0272**

Dear Mr. Lechwar:

The New Mexico Oil Conservation Division (OCD) has reviewed ARCADIS G&M Inc's September 24, 2003 "ENVIRONMENTAL INVESTIGATION OF THE LOVINGTON Paddock SITE LEA COUNTY, NEW MEXICO" submitted on PURE's behalf. This report contains results of soil and groundwater monitoring, groundwater gradients, interpretations, and recommendations, including further source identification sampling, downgradient plume definition, and a remedial pilot project involving biosparging.

Based upon this report and the threat to nearby water sources, OCD approves actions described in the recommendations and remedial pilot with the following conditions.

- 1.) PURE shall submit plans and as-built drawings showing the location and well log for the proposed biosparging well.
- 2.) PURE shall submit before November 2, 2003, a proposed monitoring program to evaluate the efficiency of the biosparge system and its zone of influence. The monitoring program shall include the rationale, location of sampling sites, methods and descriptions of sampling and testing for soil, groundwater, and gases, frequency of sampling, and QAQC measures.
- 3.) PURE shall submit before November 2, 2003, a schedule of all abatement activities, including submission of progress reports and final pilot study evaluation reports.

This approval letter does not relieve PURE of responsibility should remaining contaminants pose a future threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve PURE of responsibility for compliance with any other federal, state or local laws and regulations. If you have any questions, please contact me at 505-476-3493. Sincerely,

Randolph Bayliss, P.E.
Hydrologist,
Environmental Bureau



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 06, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 50514621

Mr. Ron Lechwar
Titan Resources, Inc.
500 W. Texas AVE.
Suite 500
Midland, Tx 79701

Re: Work Plan for Open Abandoned Pit Designed as ATB 1-1 in Lovington Paddock/Lovington San Andres Unit, Operated by Titan Exploration, Inc. Lea County, New Mexico.

Dear Mr. Lechwar:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of the above captioned work plan dated January 28, 2000 submitted by Highlander Environmental Corp. The NMOCD hereby approves of the plan with the following condition(s):

1. Titan Resources, Inc. will notify the OCD Santa Fe office and the OCD District office at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

Please be advised that NMOCD approval of this plan does not relieve Titan Resources, Inc. 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 Titan Resources, Inc. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD Hobbs Office
Highlander Environmental Corp.

attachments-



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Memorandum of Meeting or Conversation

Telephone X
Personal

Time: 9 am
Date: 12/10/99

Originating Party: Wayne Price-OCD

Other Parties: Ike Tavaréz-Highlander

Subject: Titan Pit-ATB 1-1 May 4, 1999 submittal

Discussion:

Discussed proposal. Question concerning the groundwater gradient direction.

Conclusions or Agreements:

Highlander to submit a plan addressing the following:

1. Address RRAL of 1000 mg/l clean-up standard and contaminated soils in the vadose zone at the pit and the old tank area.
2. Give location of initial recovery well and construction details.
3. Provide information on pump test.

OCD will review and approve with conditions.

Signed: 

CC: Highlander-fax 915-682-3946