

3R - 357

APPROVALS

YEAR(S):

2004-1994



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 30, 2004

Mr. John Nussbaumer
Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, Colorado 80202

**RE: RIO BRAVO #1 (FORMERLY TEMPLETON #1E) WELL SITE
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Nussbaumer:

The New Mexico Oil Conservation Division (OCD) has reviewed Patina Oil & Gas Corporation's (Patina) June 7, 2004 correspondence titled "RIO BRAVO #1 (FORMERLY TEMPLETON #1)". This document contains the results of Patina's recent ground water remediation and monitoring activities for the Rio Bravo #1 well site located in Unit B, Section 27, Township 31 North, Range 13 West, San Juan County, New Mexico. The document also proposes to change the ground water monitoring program to an annual event and reduce the number of monitor wells to be sampled.

The OCD approves of the above-referenced monitoring proposal with the following conditions:

1. Patina shall submit an annual report on ground water remediation and monitoring actions to the OCD by April 1 of each year with a copy provided to the OCD Aztec District Office. The report will contain:
 - a. A description of all remediation and monitoring activities that occurred during the past calendar year including conclusions and recommendations.
 - b. Summary tables of all laboratory analytic results for each monitoring point including copies of all laboratory analyses and associated Quality Assurance/Quality Control data taken within the prior calendar year.
 - c. A water table elevation map using the water table elevation of the ground water in all monitor wells.
 - d. A site map showing the locations of excavated areas, tanks, wellheads, monitor wells and any other pertinent features.

Mr. John Nussbaumer
September 30, 2004
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2. Patina will notify the OCD 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.

Please be advised that OCD approval does not relieve Patina of responsibility if contamination exists which is beyond the scope of the plan, or if the activities fail to adequately remediate and monitor contamination related to their activities. In addition, OCD approval does not relieve Patina of responsibility for compliance with any other federal, state, tribal or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at (505) 476-3491.

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Shawn Adams, Contract Environmental Services, Inc.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

October 27, 2000

CERTIFIED MAIL
RETURN RECEIPT NO: 5051-3693

Mr. Chester Deal
Greystone Energy, Inc.
5802 U.S. Hwy. 64
Farmington, New Mexico 87401

**RE: GROUND WATER DISCHARGE PLAN GW-184 CLOSURE
TEMPLETON #1E WELL SITE
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Deal:

The New Mexico Oil Conservation Division (OCD) has reviewed Greystone Energy, Inc.'s (GEI) August 28, 2000 correspondence titled "NMOCD LETTER DATED FEBRUARY 14, 2000 CONCERNING GW-184 TEMPLETON #1E WELL SITE, SAN JUAN COUNTY, NEW MEXICO" which was submitted on behalf of GEI by their consultant Contract Environmental Services, Inc. This document contains the results of GEI's ground water remediation and monitoring activities for the Templeton #1E well site located in Unit B, Section 27, Township 31 North, Range 13 West, San Juan County, New Mexico. The document also states that GEI is continuing to remediate and monitor ground water contamination, but no longer has a need for a discharge plan since there are no current or planned discharges at the site.

The OCD approves of the closure of the discharge plan for the Templeton #1E well site with the following conditions:

1. GEI shall continue remediation and monitoring actions until the site meets the standards of OCD Rule 19.B.
2. GEI shall submit an annual report on ground water remediation and monitoring actions to the OCD by April 1 of each year with a copy provided to the OCD Aztec District Office. The report will contain:
 - a. A description of all remediation and monitoring activities which occurred during past calendar year including conclusions and recommendations.

Mr. Chester Deal
October 27, 2000
Page 2

- b. Summary tables of all laboratory analytic results since inception of the project for each monitoring point including copies of all laboratory analyses and associated Quality Assurance/Quality Control data taken within the prior calendar year.
 - c. A water table elevation map using the water table elevation of the ground water in all monitor wells.
 - d. A site map showing the locations of excavated areas, tanks, wellheads, monitor wells and any other pertinent features.
3. GEI will notify the OCD 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.

Please be advised that OCD approval does not relieve GEI of responsibility if contamination exists which is beyond the scope of the plan, or if the activities fail to adequately remediate and monitor contamination related to their activities. In addition, OCD approval does not relieve GEI of responsibility for compliance with any other federal, state, tribal or local laws and/or regulations.

If you have any questions regarding this matter, please do not hesitate to contact Bill Olson of my staff at (505) 827-7154.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

xc: Denny Foust, OCD Aztec District Office
Shawn Adams, Contract Environmental Services, Inc.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 20, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-285

Mr. Chester L. Deal
Chateau Oil & Gas, Inc.
P.O. Box 2038
Farmington, New Mexico 87499

**RE: GROUND WATER INVESTIGATION
TEMPLETON #1E WELL SITE**

Dear Mr. Deal:

The New Mexico Oil Conservation Division (OCD) has completed a review of Chateau Oil & Gas, Inc.'s (COG) January 29, 1997 "CHATEAU OIL AND GAS, INC. TEMPLETON #1E MONITOR WELLS, SECTION 27, T31N, R13W". This document contains COG's work plan for installation of 4 monitor wells adjacent to a former unlined oilfield production pit at the Templeton #1E well site located in the NW 1/4, NE 1/4 of Section 27, T31N, R13W NMPM San Juan County, New Mexico. The document also contains a plan for installation of an air sparge system for remediation of contaminated ground water.

The above referenced work plans are approved with the following conditions:

1. The above referenced work plan only addresses identification of contaminants in a limited area. A comprehensive monitor well installation work plan to determine the complete extent of ground water contamination and the final ground water remediation levels achieved in the excavated areas will be submitted to OCD by May 30, 1997.
2. The air sparge wells will be completed by placing a 2-3 foot bentonite seal approximately 2-3 feet above the well screened interval with the remainder of the annulus above the bentonite seal grouted to the surface with cement containing 5% bentonite.
3. COG will submit a final report on the investigation actions to the OCD by May 30, 1997. The report will contain:
 - a. A description of all activities which occurred during the investigation including conclusions and recommendations.

Mr. Chester L. Deal
March 20, 1997
Page 2

- b. A summary of all laboratory analytic results of ground water quality sampling and copies of the recent laboratory analyses and associated quality assurance/quality control data.
 - c. A site map and water table elevation map using the water table elevation of ground water in all monitor wells.
 - d. A geologic log and completion diagram for each monitor well and air sparge well.
 - e. The disposition of any wastes generated.
4. The OCD has on file only 1 quarterly report on the ground water remedial actions conducted under the New Mexico Water Quality Control Commission (WQCC) Ground Water Remediation Discharge Plan GW-184 which was approved on February 20, 1995. COG will submit to the OCD by May 30, 1997 all quarterly reports required as a condition of approval of Ground Water Remediation Discharge Plan GW-184.
 5. All wastes generated will be disposed of at an OCD approved facility or in an OCD approved manner.
 6. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not relieve COG of liability if contamination exists which is beyond the scope of the work plan; if the activities fail to adequately determine the extent of contamination; or if the activities fail to adequately remediate contamination related to COG's activities. In addition, OCD approval does not relieve COG of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,


William C. Olson
Hydrogeologist
Environmental Bureau

cc: Denny Foust, OCD Aztec District Office
Shawn A. Adams, Contract Environmental Services, Inc.

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505



February 20, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-213

Mr. Chester L. Deal
Superintendent
Snyder Oil Corporation
P.O. Box 2038
Farmington, New Mexico 87499

**RE: GROUND WATER REMEDIATION DISCHARGE PLAN GW-184
TEMPLETON #1E WELL SITE
SNYDER OIL CORPORATION**

Dear Mr. Deal:

The New Mexico Oil Conservation Division (OCD) has completed a review of Snyder Oil Corporation's (SOC) November 4, 1994 discharge plan application for remediation of contaminated ground water at the Templeton #1E located in the NW 1/4, NE 1/4 of Section 27, T31N, R13W NMPM San Juan County, New Mexico.

The ground water remediation discharge plan application GW-184 for the Templeton #1E well site **is hereby approved under the conditions in the enclosed attachment.**

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to section 3-109.A.. Please note Section 3-109.F., which provides for possible future amendment of the plan.

Please be advised that all exposed pits, including lined pits and open top tanks (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

VILLAGRA BUILDING - 408 Galisteo

Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830

Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco

Office of the Secretary
827-5950

Administrative Services
827-5925

Energy Conservation & Management
827-5900

Mining and Minerals
827-5970

Oil Conservation
827-7131

Mr. Chester L. Deal
February 20, 1995
Page 2

Please note that Section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are required to notify the Director of any expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This discharge plan approval will expire on February 20, 2000 and you should submit an application for renewal in ample time before that date.

The discharge plan application for the Templeton #1E is subject to the WQCC Regulation 3-114 discharge plan fees. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of thirteen hundred and eighty dollars (\$1380.00) for a ground water remediation discharge plan.

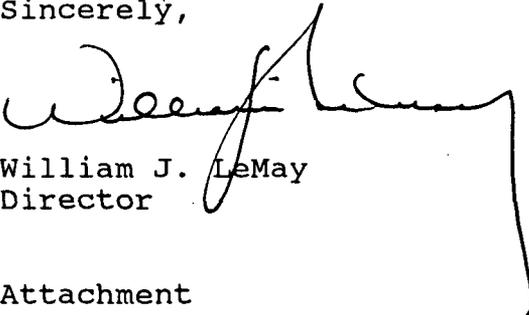
The fifty (50) dollar filing fee is due upon receipt of this approval. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

Please make all checks payable to: **NMED-Water Quality Management Fund** and addressed to the OCD Santa Fe Office.

Please be advised that approval of this plan does not relieve SOC of liability should the operation result in additional pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations. In addition, OCD approval does not relieve SOC of responsibility for compliance with any other federal, state or local laws and/or regulations.

On behalf of the staff of the Oil Conservation Division, I wish to thank you for your cooperation during this discharge plan review. If you have any questions, please contact Bill Olson of my staff at (505) 827-7154.

Sincerely,



William J. LeMay
Director

Attachment

xc: OCD Aztec District Office
Shawn A. Adams, Contract Environmental Services, Inc.

ATTACHMENT TO THE DISCHARGE PLAN GW-184 APPROVAL
SNYDER OIL CORPORATION TEMPLETON #1E WELL SITE
DISCHARGE PLAN CONDITIONS
(February 20, 1995)

1. Payment of Discharge Plan Fees:

The \$1380.00 flat fee (either total payment or installment) and \$50.00 filing fee shall be paid upon receipt of this approval.

2. Berming of Storage Tanks:

A berm shall be constructed and maintained around all tanks storing any potential fresh water contaminants. The berms shall be capable of containing one and one-third times the capacity of the largest tank within the berm or one and one-third times the total capacity of all interconnected tanks.

3. Spills:

All spills and/or leaks shall be reported to the OCD Aztec District Office and Santa Fe Office pursuant to WQCC Regulation 1-203 and OCD Rule 116.

4. Product and Waste Disposal:

All recovered product, waste filters and treatment system cleaning or waste products will be recycled and/or disposed of at an OCD approved facility.

5. Treatment System Monitoring:

The air stripper effluent discharge will not exceed WQCC ground water quality standards and will be monitored according to the following sampling schedule:

Monthly

BTEX

Semi-Annually

BTEX
PAH's

6. Quarterly Reports:

Quarterly reports will be submitted to OCD on January 1, April 1, July 1, and October 1 of each respective year with the first report due on April 1, 1995. Quarterly reports will contain:

- a. A summary of the laboratory analytic results of water quality sampling of the treatment system from the previous quarter. The results will be presented in tabular form and will show all past and present sampling results.
- b. The total volume of product recovered, if any.
- c. The total volume of fluid pumped treated and reinjected.

7. Monitor well installation work plan

A monitor well installation work plan to determine final remediation levels will be submitted to OCD for approval prior to installation.

8. Submission of documents

All original documents will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

May 24, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-111-334-115

Mr. Chester L. Deal
Superintendent
Snyder Oil Corporation
P.O. Box 2038
Farmington, New Mexico 87499

**RE: GROUND WATER REMEDIATION
TEMPLETON #1E WELL SITE
SNYDER OIL CORPORATION**

Dear Mr. Deal:

The New Mexico Oil Conservation Division (OCD) has completed a review of Snyder Oil Corporation's (SOC) May 20, 1994 and April 8, 1994 correspondence which present SOC's plan for remediation of contaminated ground water at SOC's Templeton #1E well site.

The ground water remediation plan as presented in the above referenced document is approved with the following conditions:

1. SOC will provide the OCD with the composition of the fertilizers and "bioproduct" proposed for promoting biodegradation prior to use.
2. Prior to installation, SOC will provide the OCD with the construction specifics and locations of the monitor wells which are proposed to be installed upon completion of the soil remedial work.
3. SOC will provide the OCD with a plan for sampling and monitoring ground water quality from the proposed monitor wells prior to conducting the sampling events.
4. The air stripper system will be operated in accordance with the OCD's May 23, 1994 authorization to discharge effluent from the air stripper system.

Mr. Chester L. Deal
May 24, 1994
Page 2

5. SOC will notify the OCD at least 72 hours in advance of all scheduled activities such that the OCD may have the opportunity to witness the events and/or split samples.

Please be advised that OCD approval does not relieve SOC of liability should the proposed system fail to adequately remediate containation related to SOC's activities. In addition, OCD approval does not relieve SOC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please contact me at (505) 827-5885.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec Office
Shawn A. Adams, Buchanan Consultants, Ltd.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 23, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-111-334-087

Mr. Chester L. Deal
Superintendent
Snyder Oil Corporation
P.O. Box 2038
Farmington, New Mexico 87499

**RE: GROUND WATER CONTAMINATION INVESTIGATION PLAN
LANDAUER #1, TEMPLETON #1E AND TRIBAL C#12 WELL SITES
SNYDER OIL CORPORATION**

Dear Mr. Deal:

The New Mexico Oil Conservation Division (OCD) has completed a review of the Snyder Oil Corporation's February 1994 "UNLINED SURFACE IMPOUNDMENT GROUNDWATER CONTACT PLAN" which was received by the OCD Santa Fe Office on March 21, 1994. This document contains Snyder Oil's proposed plan to investigate the extent of ground water contamination related to unlined production pit disposal practices at Snyder Oil's Landauer #1, Templeton #1E and Tribal C#12 well sites.

The above referenced investigation plan is approved with the following conditions:

1. Snyder Oil will provide OCD with a copy of all previous investigation reports which documented ground water contamination at the Landauer #1, Templeton #1E and Tribal C#12 well sites.
2. The OCD defers comment on the locations and construction details of the proposed monitor wells until the OCD reviews the results of the test pit investigations.
3. Snyder Oil will submit a report detailing the results of the test pit investigations to OCD by June 1, 1994. The report will include recommendations for installation of ground water monitor wells and a ground water sampling plan.

Mr. Chester L. Deal
March 23, 1994
Page 2

Please be advised that OCD approval does not relieve Snyder Oil of liability if the investigation fails to completely define the extent of contamination related to Snyder Oil's activities. In addition, OCD approval does not relieve Snyder Oil of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please contact me at (505) 827-5885.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec Office
Michael J. Pool, BLM Farmington District
Hector Villalobos, BLM Albuquerque District
Thurman Velarde, Jicarilla Apache Oil and Gas Administration
Daryl Tafoya, BIA Jicarilla Agency