

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1990
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aguila, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Original 2/13/97

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Submit 2 copies to
Appropriate District
Office in accordance
with Rule 116

OIL CON. DIV.

Release Notification and Corrective Action

DIST. 3

OPERATOR

☐ Initial Report

☐ Final Report

Name Greystone Energy, Inc.	Contact Chester L. Deal
Address 5802 Hwy 64	Telephone No. (505) 632-8056
Facility Name O'Shea 1-M	Facility Type Well Site

Surface Owner Charlie Blassengame	Mineral Owner Fee	Lease No.
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LOCATION OF RELEASE

Unit Letter F	Section 3	Township 31	Range 13	Feet from the 1450	North/South Line North	Feet from the 1750	East/West Line West	County SAN JUAN
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NATURE OF RELEASE

Type of Release Condensate	Volume of Release 20 bbls. est.	Volume Recovered 0
Source of Release Hole in bottom center of Storage Tank	Date and Hour of Occurrence ?	Date and Hour of Discovery 3-1-99 16:00
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour 4-7-99 09:00	
Was a Watercourse Reached? ☐ Yes ☒ No Soaked into ground beneath Tank	If YES, Volume Impacting the Watercourse. Est. 20 bbls.	

If a Watercourse was Impacted, Describe Fully:

Contacted groundwater 8' below Oil Storage Tank

Describe Cause of Problem and Remedial Action Taken: **1/4" hole rusted in bottom of TANK. Remove TANK to pressure test & repair. Excavated contaminated soil until excavation was clean. Construct Soil Farm on loc. to remediate excavated soil. Dug 2 test pits to determine Plume in Ground water. Connect test pits with trench. Remove contaminated ground water 3 times/wk by Water Truck to Langendorf #3 Water Disposal until all**

Describe Area Affected and Cleanup Action Taken: **Hydrocarbons are removed.**

Describe General Conditions Prevailing (Temperature, Precipitation, etc.):

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: **Chester L. Deal**

Printed Name: **Chester L. Deal**

Title: **Superintendent**

Date: **4-8-99**

Phone: **(505) 632-8056**

OIL CONSERVATION DIVISION

Approved by

District Supervisor:

Approval Date:

Conditions of Approval:

Expiration Date

Attached ☐

* Attach Additional Sheets If Necessary

by Bill
Olson (groundwater impact)

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UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
New Mexico State Office

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REPORT OF UNDESIRABLE EVENT

OIL CON. DIV.
DIST. 3

OIL CON. DIV.
DIST. 3

DATE OF OCCURRENCE/DISCOVERY: 3-1-99 TIME OF OCCURRENCE: DCD
DATE REPORTED TO BLM: 4-7-99 TIME REPORTED: DCD

BLM OFFICE REPORTED TO: (RESOURCE AREA/DISTRICT/OTHER): FBO NMDCD

LOCATION: (1/4 1/4) SE/NW SECTION 3 T. 31 R. 13 MERIDIAN

COUNTY: SAN JUAN STATE: N.M. WELL NAME O'Shea #1-M

OPERATOR: COMPANY NAME Greystone Energy PHONE NO. 632-8056

CONTACT PERSON'S NAME Chester L. Deal

SURFACE OWNER: Charlie Blassengame MINERAL OWNER: Fee
(Federal/Indian/Fee/State)

LEASE NO.: Fee RIGHT-OF-WAY NO.:

UNIT NAME/COMMUNITIZATION AGREEMENT NO.:

TYPE OF EVENT, CIRCLE APPROPRIATE ITEM(S):

BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE OIL SPILL, SALTWATER SPILL, OIL AND SALTWATER SPILL, TOXIC FLUID SPILL, HAZARDOUS MATERIAL SPILL, UNCONTROLLED FLOW OR WELLBORE FLUIDS, OTHER (SPECIFY):

CAUSE OF EVENT: Hole rusted in bottom of 100 bbl. Tank

HazMat Notified: (for spills) No

Law Enforcement Notified: (for thefts)

CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S): None

Safety Officer Notified:

EFFECTS OF EVENT: Contaminated Soil & Groundwater

ACTION TAKEN TO CONTROL EVENT: Moved tank removed contaminated soil dug trench to capture down gradient flow of oil.

LENGTH OF TIME TO CONTROL BLOWOUT OR FIRE:

VOLUMES DISCHARGED: OIL 20 bbls. WATER 14.0 GAS 0

OTHER AGENCIES NOTIFIED: None

Pulling water out of Pit & Trench 2 to 3 times/wk and disposing of contaminated water @ Langendorf #3 Water Disposal.

Lease Name: **OSHEA**

March 1999 - Production Data Sheet

1M

January 1998 Data

Reservoir: **DAKOTA**

Goal (MCFD): **22**

Flow (BBL/DAY): **3/1/80**

ACTUAL (MCFD): **46**

% of Goal: **208.5%**

Pressure (PSI): **0.75**

Coefficient: **7.44**

Route: **C**

Order: **5**

Date:	Gas est.:	Code:	Line(PSI):	Tbg(PSI):	Csg(PSI):	Straps-Beg/End:	Comments:
1	58	0				3' 11" / 1/4" 420	
2	5	0					
3	5	0					
4	58	0					
5	58	0					
6	58	0					
7	58	0					
8	58	0					
9	58	0					
10	58	0					
11	58	0					
12	58	0					
13	58	0					
14	58	0					
15	58	0					
16	58	0					
17	58	0					
18	58	0					
19	58	0					
20	58	0					
21	58	0					
22	58	0					
23	58	0					
24	58	0					
25	58	0					
26	58	0					
27	58	0					
28	58	0					
29	58	0					
30	58	0					
31	58	0					

Drain to 7-1 Tank
Seal No 2294

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Flow (BBL/DAY): **1048**

Value Rank: **43**

Allocated Value: **\$33,177**

Compressor ID: **50**

Meter ID: **34705**

January 98 Data

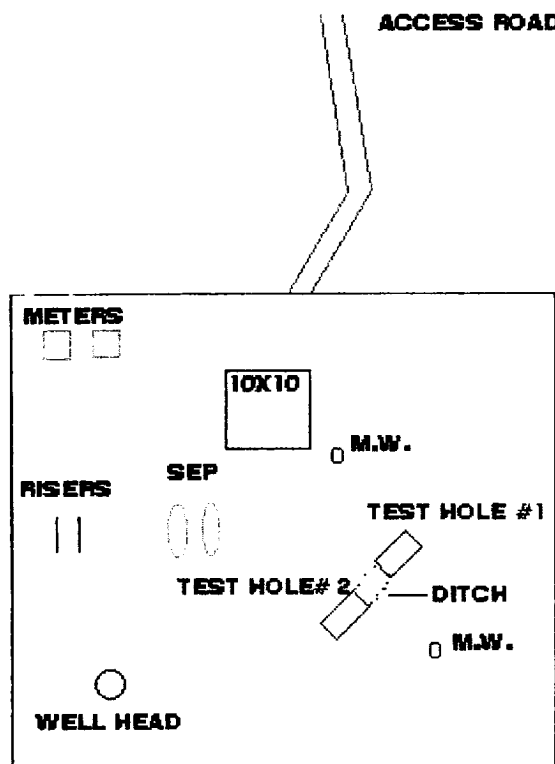
Pump's Estimate MCF/mth: **886**

Actual MCF/mth Produced: **1422**

March 8, 1988

GREYSTONE ENERGY
O'SHEA 1M
SEC.1 T.31.N. R.13.W.
SAN JUAN, COUNTY N.M.
G.L. EL. 5838

N



8' TO GROUND WATER, BTEX & C6-C10
TEST FOR H2O

H2O SAMPLE # 100 & 101 FOR PIT

H2O SAMPLE # 102 & 103 FOR TEST HOLE # 1

H2O SAMPL # 104 & 105 FOR TEST HOLE # 2

PIT SOIL SAMPLE 4 WALL COMP. # 106
5.6 P.P.M

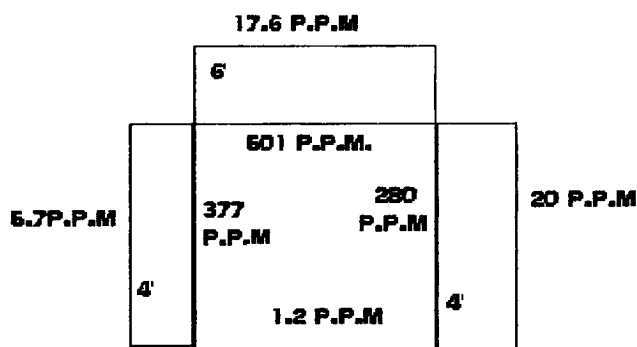
P.J.D. READINGS

WEST WALL 337 P.P.M & 5.7 P.P.M

EAST WALL 280 P.P.M & 20.3 P.P.M

NORTH WALL 501 P.P.M & 17.6 P.P.M

SOUTH WALL 1.2 P.P.M



PREPARED BY
LINN WILSON

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OIL CON. DIV
BKT. 2

OFF: (505) 325-5667



LAB: (505) 325-1556

March 17, 1999

Jerry Nelson
Greystone Energy, Inc.
5802 Highway 64
Farmington, NM 87401
TEL: (505) 632-8056
FAX (505) 632-3031

RE: OShea 1M

Order No.: 9903032

Dear Jerry Nelson,

On Site Technologies, LTD. received 4 samples on 3/10/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

Aromatic Volatiles by GC/PID (SW8021B)

Gasoline Range Organics (SW8015)

TPH, T/R Soil (E418.1)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Cox

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OIL CON. DIV.
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P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 17-Mar-99

CLIENT: Greystone Energy, Inc.
Project: OShea 1M
Lab Order: 9903032

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Test Hole #2
Lab ID:	9903032-03B	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:20:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	10100	3600		µg/L	20	3/15/99

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Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Sum - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-3667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	O'Shea 1M
Work Order:	9903032	Client Sample ID:	4 Wall Pit Comp #106
Lab ID:	9903032-04A	Collection Date:	3/9/99 1:30:00 PM
Project:	O'Shea 1M	COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
TPH, T/R SOIL	ND	E418.1	25	mg/Kg	1	3/10/99
Petroleum Hydrocarbons, T/R						

Analyst: HR

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OIL CON. DIV.
DIST. 2

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- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Sur - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Test Hole #2
Lab ID:	9903032-03A	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:20:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: HR
Benzene	2300	10		µg/L	20	3/10/99
Toluene	1200	10		µg/L	20	3/10/99
Ethylbenzene	400	10		µg/L	20	3/10/99
m,p-Xylene	1300	20		µg/L	20	3/10/99
o-Xylene	660	10		µg/L	20	3/10/99

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ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated-Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surf - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Test Hole #1
Lab ID:	9903032-02B	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:15:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C8-C10	18800	3600		µg/L	20	3/15/99

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DIST. 3

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

D - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantization range

Sur: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

ON SITE TECHNOLOGIES, LTD. SERVING THE ENVIRONMENT

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Test Hole #1
Lab ID:	9903032-02A	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:15:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: HR
Benzene	1800	25		µg/L	50	3/10/99
Toluene	5000	25		µg/L	50	3/10/99
Ethylbenzene	530	25		µg/L	50	3/10/99
m,p-Xylene	4500	50		µg/L	50	3/10/99
o-Xylene	710	25		µg/L	50	3/10/99

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OIL CONTROL

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Sur - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Pit #100
Lab ID:	9903032-01B	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:00:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	15400	1800		µg/L	10	3/15/99

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OIL CON. DET.

Qualifiers:

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ND - Not Detected at Practical Quantitation Limit

I - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



ANALYTICAL REPORT

Date: 17-Mar-99

Client:	Greystone Energy, Inc.	Client Sample Info:	OShea 1M
Work Order:	9903032	Client Sample ID:	Pit #100
Lab ID:	9903032-01A	Matrix:	AQUEOUS
Project:	OShea 1M	Collection Date:	3/9/99 10:00:00 AM
		COC Record:	4350

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						Analyst: HR
		SW8021B				
Benzene	330	25		µg/L	50	3/10/99
Toluene	3800	25		µg/L	50	3/10/99
Ethylbenzene	280	25		µg/L	50	3/10/99
m,p-Xylene	3600	50		µg/L	50	3/10/99
o-Xylene	780	25		µg/L	50	3/10/99

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 OIL CON. DIV.

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- E - Value above quantitation range
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