

1R - 391

REPORTS

DATE:

12/2003

1R0391

**PURE RESOURCES
LOVINGTON PADDOCK UNIT
WELL 106 FLOWLINE LEAK
UNIT E, SECT. 36, T. 16 S., R. 36 E.
GPS 32° 52' 54" N & 103° 18' 47" W**

WORK PLAN

**Prepared by
Eddie Seay Consulting
December 2003**

December 1, 2003

NMOCD Environmental
ATTN: Wayne Price
Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: Pure Resources
Pure 106 leak site

Mr. Price:

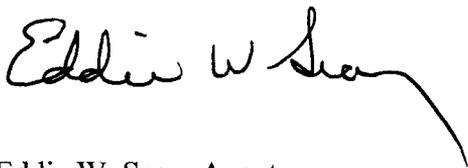
Find within work plan for the Pure leak site, which was inspected by the City of Lovington and others on November 7.

Pure will follow guidelines set forth by the OCD in remediating leaks, spills and releases.

If you have any questions or need additional information, please call.

Pure will start cleanup immediately, upon approval.

Thanks,



Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88242
(505)392-2236

cc: City of Lovington

WORK PLAN

GENERAL:

The leak site is located in Unit E, Sect. 36, Tws. 16 S., Rng. 36 E., approximately seven miles South of Lovington, NM, within the City of Lovington water field. The leak was on a flowline which went to well 106. The leak was clamped off, and later the pipe was replaced. The leak was reported to be less than five barrels of total fluid and covered a surface area of 35 ft. by 60 ft.

GROUNDWATER:

The leak occurred 300 ft. West of City of Lovington water well #18. The water level for the city wells is approximately 55 ft. Attached is State engineers water well information.

REMEDIATION PROPOSAL:

Pure will remediate the site based on the OCD "Guidelines for Remediation of Leaks, Spills and Releases". Given the depth of groundwater and the close proximity to the city wells, our goal will be to cleanup to 100 ppm TPH, Benzene and BTEX to 10 and 50 ppm respectively and 250 ppm Chloride.

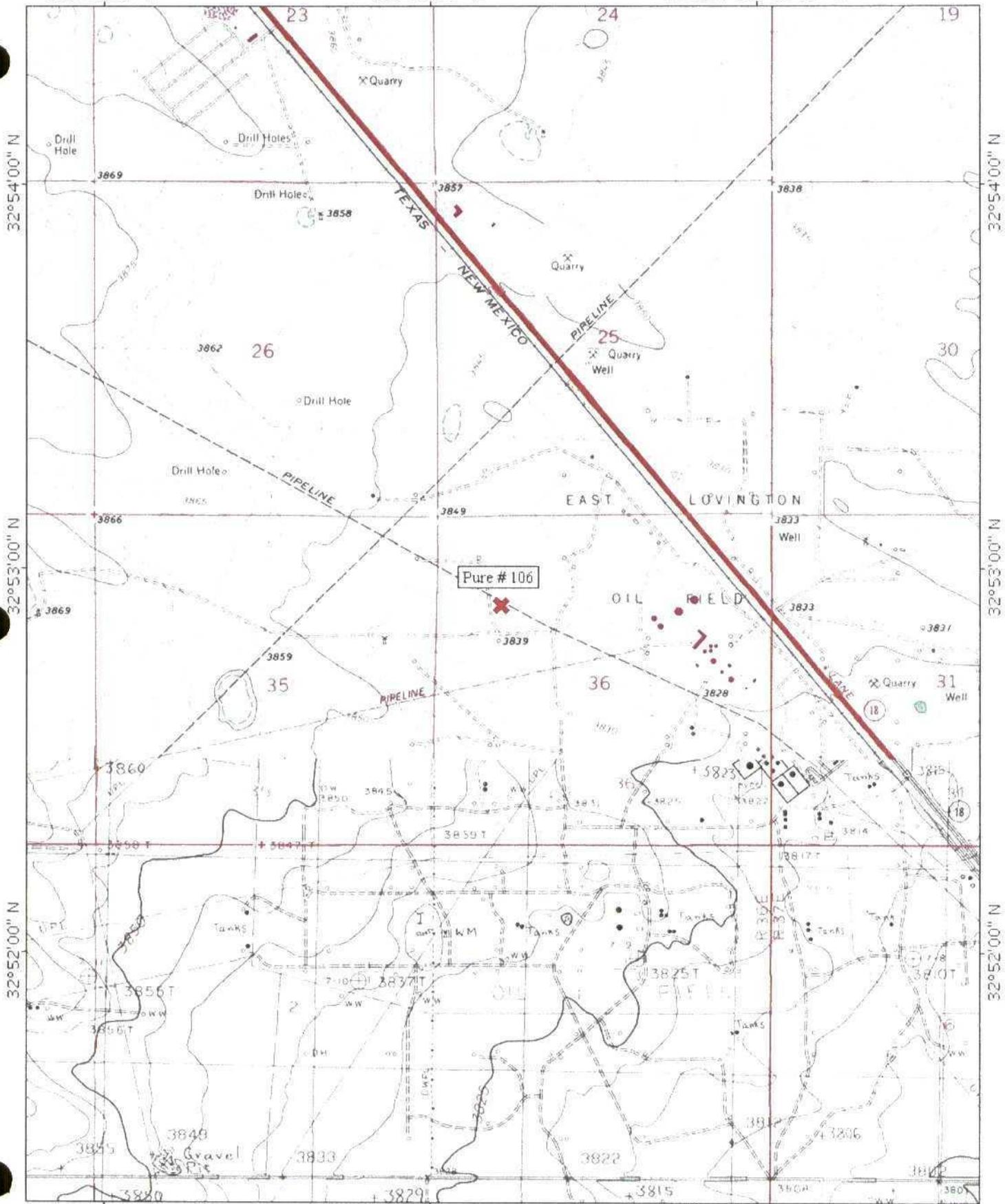
It is proposed to excavate and dispose of the contaminated soil at an OCD approved landfarm, sample both bottom and sidewalls until we meet the OCD guideline. After all contamination has been removed and after OCD approves, the excavated area will be backfilled with clean soil and brought back to surface grade. The site will then be reseeded with material native to the area. Final closure report will be filed with analytical and photos as OCD requires.

A complete report will be sent in the mail and to Hobbs OCD.

103°20'00" W

103°19'00" W

WGS84 103°18'00" W



32°54'00" N

32°54'00" N

32°53'00" N

32°53'00" N

32°52'00" N

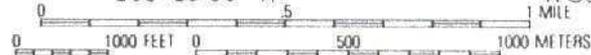
32°52'00" N

103°20'00" W

103°19'00" W

WGS84 103°18'00" W

TN MN
8 1/2°



New Mexico Office of the State Engineer
Well Reports and Downloads

Township: Range: Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

AVERAGE DEPTH OF WATER REPORT 10/06/2003

(Depth Water in Feet)

Basin	Tws	Rng	Sec	Zone	X	Y	Wells	Min	Max	Avg
L	16S	36E	36				6	40	257	116

Record Count: 6

Township: **16S** Range: **36E** Sections: **36**

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

WELL / SURFACE DATA REPORT 10/06/2003

DB File Nbr	Use	(acre ft per annum)	Owner
L 01350	PRO	3	PARKER DRILLING CO.
L 01371	PRO	3	SHARP DRILLING CO.
L 01438	PRO	0	SKELLY OIL CO.
L 01557	PRO	3	WARREN BRADSHAW
L 01567	PRO	3	MAGNOLIA PETROLEUM COMPANY
L 04058	MUN	0	CITY OF LOVINGTON

Well Number	Source	(quarters are biggest to smallest)	Tws	Rng	Sec	q	q	q	X	Y	are in Feet	UTM Zone
L 01350 APPRO	Shallow	16S 36E 36	4	2					X	Y	13	13
L 01371 APPRO	Shallow	16S 36E 36	4	3	4				X	Y	13	13
L 01438 APPRO	Shallow	16S 36E 36	4	3					X	Y	13	13
L 01557 APPRO	Shallow	16S 36E 36	3	3	4				X	Y	13	13
L 01567		16S 36E 36							X	Y	13	13
L 04058 (EXPLORE)		16S 36E 36	1	3	2				X	Y	13	13
L 04058 (EXPLORE)		16S 36E 36	1	1	2				X	Y	13	13
L 04058 S-24	Shallow	16S 36E 36	1	1	2				X	Y	13	13
L 04058 S-25	Shallow	16S 36E 36	1	3	2				X	Y	13	13

Record Count: 9











