

MARTIN YATES, III  
1913-1985

FRANK W. YATES  
1936-1986

S.P. YATES  
1914-2000



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ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

JOHN A. YATES  
CHAIRMAN OF THE BOARD

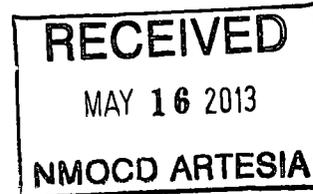
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PRESIDENT

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EXECUTIVE V.P. OF MONETIZATION  
CHIEF FINANCIAL OFFICER

JAMES S. BROWN  
CHIEF OPERATING OFFICER

May 16, 2013

Mr. Mike Bratcher  
NMOCD District II  
1301 West Grand  
Artesia, NM 88210



Re: Bonbon BNN State Com. #1-H  
~~2RP-1622~~ & ~~2RP-1634~~  
30-015-36913  
Section 27, T25S-R28E  
Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corporation is submitting the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated April 23, 2013.

**If there are no objections with the scope of work described in the plan, Yates will have a contractor begin work on or after the week of May 28, 2013.**

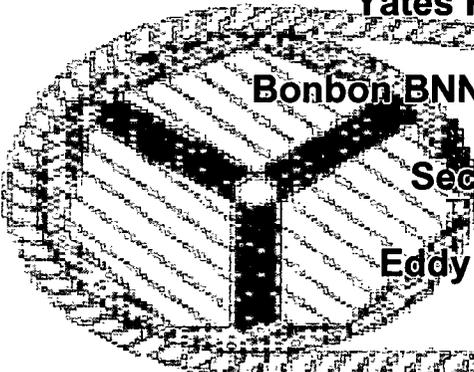
If you have any questions call me at (575) 748-4217

Thank you.

YATES PETROLEUM CORPROATION

Robert Asher  
NM Environmental Regulatory Supervisor

Enclosure(s)



**Yates Petroleum Corporation**

**Bonbon BNN State Com. #1-H Work Plan**

**Section 27, T25S-R28E**

**Eddy County, New Mexico**

**May 16, 2013**

**I. Location**

The well is located approximately 10 miles south of Malaga, NM and 0.25 miles west of Pecos Highway (US 285), as represented by the attached Red Bluff, NM, USGS Quadrangle Map.

**II. Background**

On March 22, 2013 and April 1, 2013, Yates submitted to the NMOCD District II office a two (2) Form C-141 for releases of 110 B/PW with 100 B/PW recovered and 20 B/PW with 19 B/PW recovered. The total affected area is approximately 30 feet by 30 feet area (off of the east side of the battery), and 6 feet by 100 feet (running south and then southeast following the lease access road). The release was from a discharge line on a water pump that failed due to possible line pressure increase. Initial delineation samples were taken (4/18/2013) and sent to an NMOCD approved laboratory (4/23/2013, results enclosed).

**III. Surface and Ground Water**

Area surface geology ranges from Cenozoic to Paleozoic. The nearest groundwater of record is listed on the New Mexico Office of the State Engineer (Section 8, T25S-R28E) shows depth to groundwater approximately 90 feet making the site ranking for this site a ten (10). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is ten (10) based on the as following:

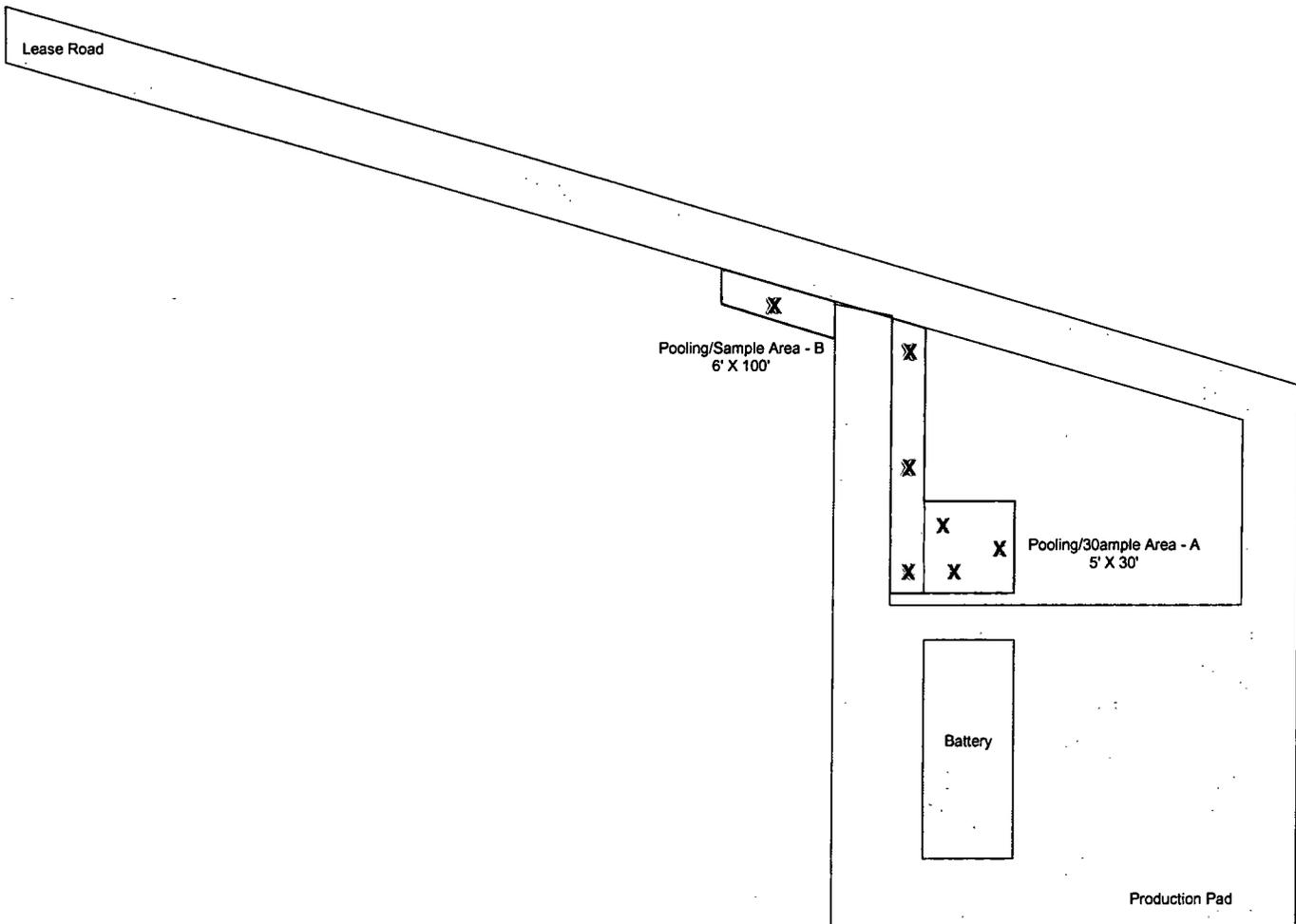
Depth to ground water	50-99'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

**IV. Soils**

The area consists of soils that are caliche and loamy top soil and are interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

**V. Scope of Work**

Based on analytical results, Yates Petroleum Corporation will excavate two (2) feet of impacted soils within the release area. Those soils will be taken to an approved NMOCD facility. Based on analytical results the, there is a decrease in chlorides with the excavation of impacted soils that will remove those higher levels. The TPH & BTEX are within the RRAL's for BTEX (50 ppm) and TPH (1000 ppm) for the Total Ranking Score of ten (10), no further analytical testing of TPH and or BTEX will be conducted. When remediation work is completed a C-141, Final Report, analytical results and a site sample diagram will be submitted to the NMOCD and request closure of the site. Upon Final C-141 approval the excavation will be backfilled with clean, like materials.



Analytical Report-1304B34 (Hall)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-01.0 A	Release Area - A	4/18/2013	Comp/Backhoe	12"	ND	ND	ND	ND	14000
Comp-02.0 A	Release Area - A	4/18/2013	Comp/Backhoe	24"	ND	ND	ND	ND	4400
Comp-03.0 A	Release Area - A	4/13/2013	Comp/Backhoe	36"	ND	ND	ND	ND	1300
Comp-01.0 B	Release Area - B	4/13/2013	Comp/Backhoe	12"	ND	ND	ND	ND	11000
Comp-02.0 B	Release Area - B	4/13/2013	Comp/Backhoe	24"	ND	ND	ND	ND	3300
Comp-03.0 B	Release Area - B	4/13/2013	Comp/Backhoe	36"	ND	ND	ND	ND	850

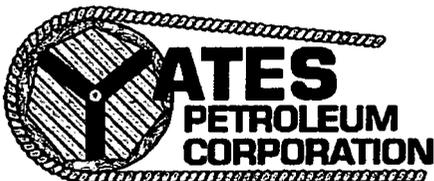
Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx 90', per Trend Map).

All results are ppm. X - Sample Points BLS - Below Surface Level



Impacted soils to be excavated

Released (2 releases): 130 B/PW; Recovered: 119 B/PW. Release Date: 3/22/2013 & 4/1/2013



Bonbon BNNState Com.#1-H

30-015-36913

Section 27, T25S-R28E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Laboratories# 1304B34

Report Date: 5/2/2013

Prepared by Robert Asher  
Environmental Regulatory Agent