

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No
Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank

Operator: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: ROELOFS LS #4 API #: 30-045- 20281 U/L or Qtr/Qtr P Sec 22 T 29N R 8W
County: SAN JUAN Latitude 36.70638 Longitude 107.65765 NAD: 1927 1983 Surface Owner Federal State Private Indian

<u>Pit</u>	<u>Below-grade tank</u>	
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: <u>N/A</u> Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 0
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) 0
	1000 feet or more	(0 points)
Ranking Score (Total Points)		0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite offsite If offsite, name of facility BP CROUCH MESA LF. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No Yes If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 15 FT. S44W FROM WELL HEAD.
PIT EXCAVATION: WIDTH 15 ft., LENGTH 15 ft., DEPTH 6 ft.
PIT REMEDIATION: CLOSE AS IS: , LANDFARM: , COMPOST: , STOCKPILE: , OTHER EXCAVATED
Cubic yards: 40
BEDROCK BOTTOM, STEEL TANK TO BE INSTALLED

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan .

Date: 11/05/05
Printed Name/Title: Jeff Blagg - P.E. # 11607 Signature: Jeff Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: _____ Date: FEB 28 2006
Printed Name/Title: DEPUTY OIL & GAS INSPECTOR, DIST. 6 Signature: Bob Bell Date: _____

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1687</u>
		COCR NO: <u>15008</u>

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: ROELOFS LS WELL#: 4 TYPE: SEP
 QUAD/UNIT: P SEC: 22 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 990 FSL x 892 FEL SEISE CONTRACTOR: PXS (MAMU)

DATE STARTED: 11-1-05
 DATE FINISHED: 11-1-05
 ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 15 FT. x 15 FT. x 6 FT. DEEP. CUBIC YARDAGE: 40±
 DISPOSAL FACILITY: BP CROOK MESA L.F. REMEDIATION METHOD: EXCAVATION
 LAND USE: RANGE - BLM LEASE: SF 078415 FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 15 FT. S44W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.1 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 1040 (am)pm DATE: 11-1-05

SOIL TYPE: SAND / SILTY SAND SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK SANDSTONE @ 6"
 SOIL COLOR: DAKE TAN
 COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
 CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
 PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
 DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
 MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - Gray Stain
 HC ODOR DETECTED: YES / NO EXPLANATION - MODERATE
 SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5
 ADDITIONAL COMMENTS: 12" x 12" x 3" Deep Excavation Pit.
Excavate impacted soils to set 95 BBL tank.
Use Backhoe for Sample collection.

CLOSED

SCALE

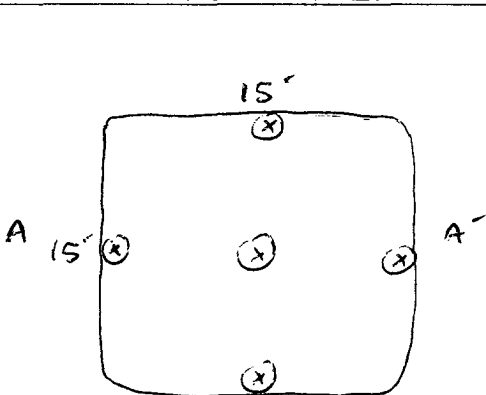


0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

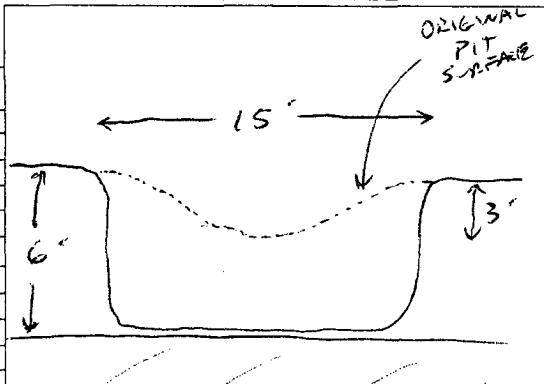
PIT PERIMETER



OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
(X) 5-point	314
Composite	
2 @ 6"	

PIT PROFILE



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(X) 5-point	TPH/BTEX	1030
	CL-	
	<u>PNSEED</u>	

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES: CALLOUT: _____ ONSITE: 11-1-05

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

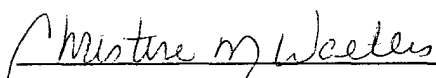
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 6'	Date Reported:	11-05-05
Laboratory Number:	34864	Date Sampled:	11-01-05
Chain of Custody No:	15008	Date Received:	11-01-05
Sample Matrix:	Soil	Date Extracted:	11-03-05
Preservative:	Cool	Date Analyzed:	11-04-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

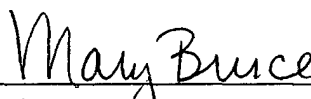
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	419	0.2
Diesel Range (C10 - C28)	111	0.1
Total Petroleum Hydrocarbons	530	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Roelofs LS 4 Sep Pit.**


Analyst


Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt Comp @ 6'	Date Reported:	11-04-05
Laboratory Number:	34864	Date Sampled:	11-01-05
Chain of Custody:	15008	Date Received:	11-01-05
Sample Matrix:	Soil	Date Analyzed:	11-04-05
Preservative:	Cool	Date Extracted:	11-03-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	339	1.8
Toluene	3,660	1.7
Ethylbenzene	1,500	1.5
p,m-Xylene	9,230	2.2
o-Xylene	1,110	1.0
Total BTEX	15,800	

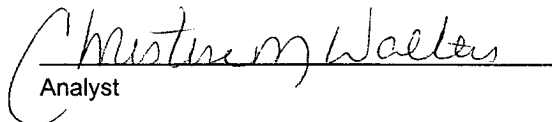
ND - Parameter not detected at the stated detection limit.

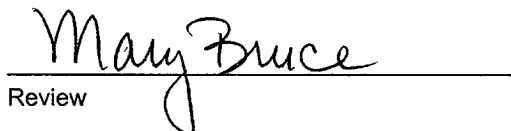
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Roelofs LS 4 Sep Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 - Pt Comp @ 6'	Date Reported:	11-05-05
Lab ID#:	34864	Date Sampled:	11-01-05
Sample Matrix:	Soil	Date Received:	11-01-05
Preservative:	Cool	Date Analyzed:	11-03-05
Condition:	Cool and Intact	Chain of Custody:	15008

Parameter	Concentration (mg/Kg)
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Total Chloride

62.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Roelofs LS 4 Sep Pit.**

Analyst



Review

