

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: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>COLDIRON COM A #1M</u> API #: <u>30-045- 24941</u> U/L or Qtr/Qtr <u>F</u> Sec <u>2</u> T <u>30N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.84333</u> Longitude <u>107.96346</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
RCUD APR5'07		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>PROD. TANK</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	Below-grade tank 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. <u>DIST. 3</u>	
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) 10
	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) 10
	1000 feet or more	(0 points)
Ranking Score (Total Points)		20

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 your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (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	<u>PIT LOCATED APPROXIMATELY 108 FT. N22E FROM WELL HEAD.</u>
PIT EXCAVATION: WIDTH	<u>N/A ft.</u> , LENGTH <u>N/A ft.</u> , DEPTH <u>N/A ft.</u>
PIT REMEDIATION: CLOSE AS IS:	<input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)
Cubic yards:	<u>N/A</u>

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 ☒.


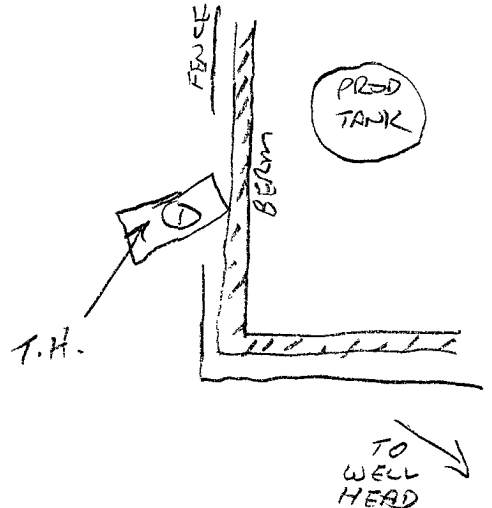
Date: 05/17/06

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature [Signature]

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.

Deputy Oil & Gas Inspector,
District #3

Approval: _____
Printed Name/Title _____ Signature [Signature] Date: AUG 09 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81010</u> COCR NO: <u>HALL</u>																																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>COLDIRON COM A</u> WELL #: <u>1M</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>F</u> SEC: <u>2</u> TWP: <u>30N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1720'N/1545'W</u> SE/NW CONTRACTOR: <u>HDI (LYNN)</u>		DATE STARTED: <u>5/4/06</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>																																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>																																										
LAND USE: <u>RANGE</u> LEASE: _____ STATE: _____ FORMATION: <u>MV</u>																																										
FIELD NOTES & REMARKS: <u>PIT LOCATED APPROXIMATELY 108 FT. N22E FROM WELLHEAD.</u>																																										
DEPTH TO GROUNDWATER: <u><100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER: <u><1,000'</u>																																										
NMOCD RANKING SCORE: <u>20</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION: <u>ELV. - 5800'</u>		OVM CALIB. READ. = <u>54.1</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>12:50</u> am/pm DATE: <u>5/3/06</u>																																								
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: _____ 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: _____ HC ODOR DETECTED: YES / NO EXPLANATION: _____ SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS _____ ADDITIONAL COMMENTS: <u>LOCATION HAD BEEN REMAPPED & PREVIOUS EARTHEN PIT BACKFILLED</u>																																										
FIELD 418.1 CALCULATIONS																																										
SCALE  0 FT	<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMP. TIME</th><th>SAMP. ID</th><th>LAB NO.</th><th>WEIGHT (g)</th><th>mL FREON</th><th>DILUTION</th><th>READING</th><th>CALC. (ppm)</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																	PIT PROFILE <div style="text-align: center; font-size: 2em; margin-top: 20px;">NOT APPLICABLE</div>
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PIT PERIMETER 	OVM READING <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE (ppm)</th></tr></thead><tbody><tr><td>1 @ 8</td><td>0.0</td></tr><tr><td>2 @</td><td> </td></tr><tr><td>3 @</td><td> </td></tr><tr><td>4 @</td><td> </td></tr><tr><td>5 @</td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SAMPLE ID</th><th>ANALYSIS</th><th>TIME</th></tr></thead><tbody><tr><td>003</td><td>TPH (30153)</td><td>1020</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">PASSED</div>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 8	0.0	2 @		3 @		4 @		5 @												SAMPLE ID	ANALYSIS	TIME	003	TPH (30153)	1020													
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																										
TRAVEL NOTES: CALLOUT: <u>5/3/06 - AFTER.</u> ONSITE: <u>5/4/06 - MORN. (SCHED.)</u>																																										

Hall Environmental Analysis Laboratory

Date: 16-May-06

CLIENT: Blagg Engineering
Lab Order: 0605067
Project: Cold Iron Com A #1M
Lab ID: 0605067-01

Client Sample ID: 1 @ 8'
Collection Date: 5/4/2006 10:20:00 AM
Date Received: 5/5/2006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/11/2006 5:32:09 PM
Surr: DNOP	103	61.7-135		%REC	1	5/11/2006 5:32:09 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: HLM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/9/2006 5:32:08 PM
Surr: BFB	97.8	81.7-127		%REC	1	5/9/2006 5:32:08 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

QA/QC SUMMARY REPORT

Client: Blagg Engineering
 Project: Cold Iron Com A #1M

Work Order: 0605067

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8015 Batch ID: 10369									
Sample ID: MB-10369 MBLK Analysis Date: 5/10/2006									
iesel Range Organics (DRO)	ND	mg/Kg	10						
Surr: DNOP	9.326	mg/Kg	0	93.3	61.7	135			
Sample ID: LCS-10369 LCS Analysis Date: 5/10/2006									
iesel Range Organics (DRO)	43.73	mg/Kg	10	87.5	64.6	116			
Surr: DNOP	4.707	mg/Kg	0	94.1	61.7	135			
Sample ID: LCSD-10369 LCSD Analysis Date: 5/10/2006									
iesel Range Organics (DRO)	45.86	mg/Kg	10	91.7	64.6	116	4.76	17.4	
Surr: DNOP	4.702	mg/Kg	0	94.0	61.7	135	0	0	
Method: SW8015 Batch ID: 10371									
Sample ID: MB-10371 MBLK Analysis Date: 5/9/2006									
asoline Range Organics (GRO)	ND	mg/Kg	5.0						
Surr: BFB	986.4	mg/Kg	0	98.6	81.7	127			
Sample ID: LCS-10371 LCS Analysis Date: 5/9/2006									
asoline Range Organics (GRO)	19.10	mg/Kg	5.0	76.4	77	115			S
Surr: BFB	962.6	mg/Kg	0	96.3	81.7	127			
Sample ID: LCS-10371 LCS Analysis Date: 5/10/2006									
asoline Range Organics (GRO)	19.20	mg/Kg	5.0	76.8	73.4	115			
Surr: BFB	972.0	mg/Kg	0	97.2	81.7	127			
Sample ID: 0605067-01A MS MS Analysis Date: 5/9/2006									
asoline Range Organics (GRO)	20.60	mg/Kg	5.0	82.4	77	115			
Surr: BFB	974.2	mg/Kg	0	97.4	81.7	127			
Sample ID: 0605067-01A MSD MSD Analysis Date: 5/9/2006									
asoline Range Organics (GRO)	21.60	mg/Kg	5.0	86.4	77	115	4.74	11.6	
Surr: BFB	1002	mg/Kg	0	100	81.7	127	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name **BLAGG**

Date and Time Received:

5/5/2006

Work Order Number **0605067**

Received by **AT**

Checklist completed by


Signature

5/5/06
Date

Matrix

Carrier name **Greyhound**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	
Container/Temp Blank temperature?	5°	4° C ± 2 Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____
