

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: GCU #262 API #: 30-045- 20285 U/L or Qtr/Qtr N Sec 24 T 29N R 13W  
County: SAN JUAN Latitude 36.70752 Longitude 108.16143 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ BLOW

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐ STEEL TANK

Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐

Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: N/A

Construction material: N/A

Double-walled, with leak detection? Yes ☐ If not, explain why not. N/A

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)

**20**

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)**

**30**

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 GCU 584 (BOLACK RANCH) (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 8 ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 126 FT. N5W FROM WELL HEAD.

PIT EXCAVATION: WIDTH 33 ft., LENGTH 33 ft., DEPTH 11 ft.

PIT REMEDIATION: CLOSE AS IS: ☐, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☒ EXCAVATE

Cubic yards: 350

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: 08/30/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Printed Name/Title

Signature [Signature]

Date: FEB 28 2006

CLIENT: BP
**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**
LOCATION NO: B1616COCR NO: HALL**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: GCUWELL #: 262 TYPE: BLOWDATE STARTED: 8/15/05QUAD/UNIT: N SEC: 24 TWP: 29N RNG: 13W PM: NM CNTY: SJ ST: NMDATE FINISHED: 8/22/05QTR/FOOTAGE: 1040 FSL x 1450 FWL SEISWCONTRACTOR: FLINT (LARRY)ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. 33 FT. x 33 FT. x 11 FT. DEEP. CUBIC YARDAGE: 350 ±DISPOSAL FACILITY: GCU 584 (BOLACK RANCH) REMEDIATION METHOD: EXCAVATELAND USE: BOLACK RANCH (FEE) LEASE: FEE FORMATION: DKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 126 FT. N 5° W FROM WELLHEAD.DEPTH TO GROUNDWATER: 8' NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000NMOCD RANKING SCORE: 20+ NMOCD TPH CLOSURE STD: 100 PPM**SOIL AND EXCAVATION DESCRIPTION:**
OVM CALIB. READ. = 52.9 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 0715 am/pm DATE: 8/19/05
SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: Light TanCOHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): (LOOSE) FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - IN REMOVED SOILS ONLYHC ODOR DETECTED: (YES) NO EXPLANATION - IN REMOVED SOILS ONLYSAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS:

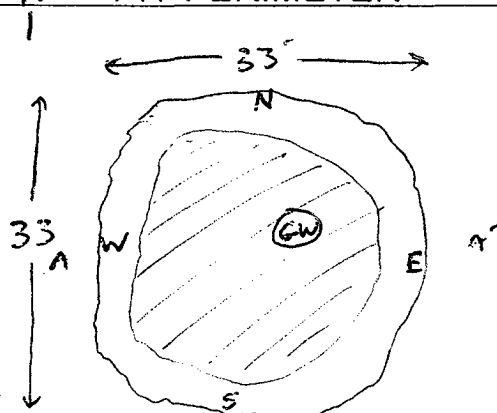
12'x12'x6' Deep Pit w/ 95 BBL Fiberglass Tank. Use  
Trackhoe to Pit Tank x Remove all impacted soils x OVER DIG TO INSURE  
Remediation. Sample sidewalls w/ trackhoe 8/19/05. Sample Pit water w/ Bailer
CLOSED**FIELD 418.1 CALCULATIONS**

SCALE



0 FT

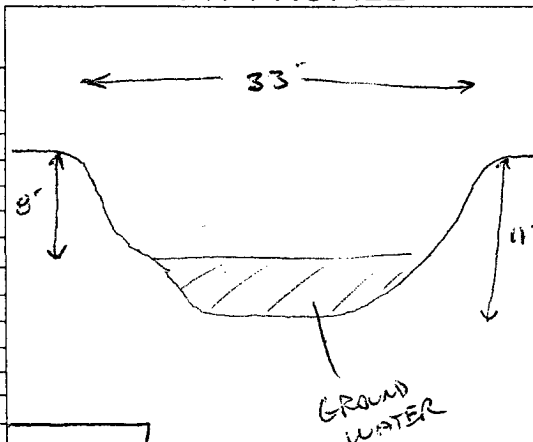
N

**PIT PERIMETER****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
N @ 7'	2.2
E @ 7'	0.6
S @ 7'	1.0
W @ 8'	0.3
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
N @ 7'	TPH	1245 8/19/05
GW @ 8'	BTEX	1230 8/22/05
	<u>(PASSED)</u>	

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

TRAVEL NOTES:

CALLOUT:

ONSITE: 8/15 ; 8/19 ; 8/22

# Hall Environmental Analysis Laboratory

Date: 06-Sep-05

**CLIENT:** Blagg Engineering  
**Lab Order:** 0508266  
**Project:** GCU 262 - Blow Pit  
**Lab ID:** 0508266-01

**Client Sample ID:** N@7'  
**Collection Date:** 8/19/2005 12:45:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/29/2005 6:27:28 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/29/2005 6:27:28 AM
Surr: DNOP	102	60-124		%REC	1	8/29/2005 6:27:28 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/30/2005 5:36:47 PM
Surr: BFB	103	83.1-124		%REC	1	8/30/2005 5:36:47 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

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

## Hall Environmental Analysis Laboratory

Date: 06-Sep-05

CLIENT: Blagg Engineering  
Lab Order: 0508266  
Project: GCU 262 - Blow Pit  
Lab ID: 0508266-02

Client Sample ID: GW@8'  
Collection Date: 8/22/2005 12:30:00 PM

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	9/1/2005 12:30:07 PM
Benzene	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
Toluene	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
Ethylbenzene	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
Xylenes, Total	ND	0.50		µg/L	1	9/1/2005 12:30:07 PM
Surr: 4-Bromofluorobenzene	96.8	82.2-119		%REC	1	9/1/2005 12:30:07 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

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