

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

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

Form C-144  
June 1, 2004

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: HUTCHIN LS #1 API #: 30-045- 10915 U/L or Qtr/Qtr G Sec 7 T 31N R 10W  
County: SAN JUAN Latitude 36.91566 Longitude 107.91962 NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ DEHYDRATOR  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐ STEEL TANK  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: N/A  
Double-walled, with leak detection? Yes ☐ 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)
100 feet or more	( 0 points)

**20**

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, gation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet	(20 points)
200 feet or more, but less than 1000 feet	(10 points)
1000 feet or more	( 0 points)

**10**

**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 \_\_\_\_\_. (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 114 FT. S36E FROM WELL HEAD.

PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.

PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)

Cubic yards: N/A

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: 02/28/04

Printed Name/Title Jeff Blagg – P.E. # 11607

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.

approval:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Signature \_\_\_\_\_

Date: JAN 09 2006

CLIENT: BP

**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**

LOCATION NO: 1342

COCR NO: HALL

## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: HUTCHIN LS WELL #: 1 TYPE: DEHY.

QUAD/UNIT: G SEC: 7 TWP: 31N RNG: 10W PM: NM CNTY: ST ST: NM

QTR/FOOTAGE: 1700'N/1650'E SW/NE CONTRACTOR: HDI (EDGAR)

PAGE No: 1 of 1

DATE STARTED: 2/25/04

DATE FINISHED: \_\_\_\_\_

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE LEASE: FEE FORMATION: MV

**FIELD NOTES & REMARKS:** PIT LOCATED APPROXIMATELY 114 FT. S 36 E FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'

NMOC D RANKING SCORE: 36 NMOC D TPH CLOSURE STD: 100 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: OK. YEL. ORANGE TO MOD. BROWN

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: GRAB / COMPOSITE - # OF PTS. 1

ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO ARRIVAL

OVM CALIB. READ. = 52.1 ppm

OVM CALIB. GAS = 100 ppm RF = 0.52

TIME: 1:55 am/pm am DATE: 2/25/04

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: OK. YEL. ORANGE TO MOD. BROWN

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DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_

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ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO ARRIVAL

### FIELD 418.1 CALCULATIONS

SCALE

0 FT

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

**PIT PERIMETER**

P.D. ~ 2' B.G.

T.H. ~ 3' B.T.B.

FORMER STEEL TANK LOC. T.B. ~ 5' B.G.

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
028	TPH (8258)	1335

**PASSED**

**PIT PROFILE**

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 2/25/04 - MORN. ONSITE: 2/25/04 - AFTER.

# Hall Environmental Analysis Laboratory

Date: 01-Mar-04

**CLIENT:** Blagg Engineering  
**Lab Order:** 0402208  
**Project:** Hutchin LS #1  
**Lab ID:** 0402208-02

**Client Sample ID:** 1 @ 8' Dehydrator Pit  
**Collection Date:** 2/25/2004 1:35:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: JMP
Diesel Range Organics (DRO)	ND	5.0		mg/Kg	1	2/28/2004 12:48:52 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/28/2004 12:48:52 PM
Surr: DNOP	99.6	60-124		%REC	1	2/28/2004 12:48:52 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/27/2004 11:04:27 AM
Surr: BFB	97.2	74-118		%REC	1	2/27/2004 11:04:27 AM

**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