

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

Address: 200 Energy Court, Farmington, NM 87410

Facility or well name: FLORANCE C #8R API #: 30-045-25591 U/L or Qtr/Qtr K Sec 19 T 28N R 8W

County: San Juan Latitude 36.64353 Longitude 107.72621 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 ☐ Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled with leak detection? Yes ☒ If not, explain why not.

RCVD JUN13'07  
OIL CONS. DIV.  
DIST. 3

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet	(20 points)	10
50 feet or more, but less than 100 feet	(10 points)	
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)	10
200 feet or more, but less than 1000 feet	(10 points)	
1000 feet or more	( 0 points)	

<b>Ranking Score (Total Points)</b>	20
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**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:

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.

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 (attached) alternative OCD-approved plan ☒.

Date: 07/01/04

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:**

AUG 10 2007

Date: \_\_\_\_\_

Printed Name/Title Deputy Oil & Gas Inspector,  
District #3 Sig \_\_\_\_\_

**Signature**

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>B1420</u> COCR NO: <u>HALL</u>
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**FIELD REPORT: PIT CLOSURE VERIFICATION**

LOCATION: NAME: <u>FLORANCE C</u> WELL #: <u>BR</u> TYPE: <u>DEHY</u> QUAD/UNIT: <u>K SEC 19 TWP. 28N RNG: 8W PM. NM CNTY: 55 ST: NM</u> QTR/FOOTAGE: <u>1450'S/1380'W</u> NE/SW CONTRACTOR: <u>HB (JORGENSEN)</u>	DATE STARTED <u>6-11-04</u> DATE FINISHED <u>6-11-04</u> ENVIRONMENTAL SPECIALIST <u>JCB</u>
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EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>
LAND USE: <u>RANGE</u> LEASE: <u>NM 03549</u> FORMATION: <u>DK</u>

**FIELD NOTES & REMARKS:**  
PIT LOCATED APPROXIMATELY 93 FT. S 19 E FROM WELLHEAD.  
DEPTH TO GROUNDWATER < 100 NEAREST WATER SOURCE > 1000 NEAREST SURFACE WATER < 1000  
NMOCD RANKING SCORE 20 NMOCD TPH CLOSURE STD 100 PPM

**SOIL AND EXCAVATION DESCRIPTION:**  
SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER  
SOIL COLOR: Yellow 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 -  
HC ODOR DETECTED (YES) / NO EXPLANATION - FAINT  
SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS.  
ADDITIONAL COMMENTS 12' x 12' x 5' DEEP WOOD LINED PIT w/ 95 BRX steel tank.  
Use backhoe to Remove tank & Sample.

**OVM CALIB. READ = 53.0 ppm**  
**OVM CALIB. GAS = 100 ppm RF = 0.52**  
**TIME: 1400 am/pm DATE: 6-11-04**

**IN (CLOSED)**  
**ESTABLISH**  
**VEGETATION EXTRACT**

FIELD 418.1 CALCULATIONS							
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

**SCALE**

0 FT

**PIT PERIMETER**

12' 12'

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 0'	34.4
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1028	TPH	1302
	CL	
	TPH - FAILED	

**PIT PROFILE**

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 6/11/04 0710 ONSITE: 6/11/04 1230

# Hall Environmental Analysis Laboratory

Date: 06-Jul-04

CLIENT: Blagg Engineering

Client Sample ID: Dehy #1 @ 8'

Lab Order: 0406133

Collection Date: 6/11/2004 1:02:00 PM

Project: Florance C #8R

Lab ID: 0406133-02

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	1.5		mg/Kg	1	Analyst: IC 7/1/2004 7:44:22 PM
<b>EPA METHOD 8015B: DIESEL RANGE</b>						
Diesel Range Organics (DRO)	2700	50		mg/Kg	5	Analyst: JMP 6/18/2004 9:05:59 PM
Motor Oil Range Organics (MRO)	320	250		mg/Kg	5	6/18/2004 9:05:59 PM
Surr: DNOP	120	60-124		%REC	5	6/18/2004 9:05:59 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	Analyst: NSB 6/18/2004 2:12:49 AM
Surr: BFB	97.3	74-118		%REC	10	6/18/2004 2:12:49 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

# BLAGG ENGINEERING, Inc.

P.O. BOX 87  
BLOOMFIELD, NM 87413  
(505) 632-1199

## BORE / TEST HOLE REPORT

CLIENT:

BP AMERICA PRODUCTION CO.

LOCATION NAME:

FLORANCE C # 8R DEHYDRATOR PIT UNIT K, SEC. 19, T28N, R8W

CONTRACTOR:

BLAGG ENGINEERING, INC. / ENVIROTECH, INC.

EQUIPMENT USED:

MOBILE DRILL RIG (CME 75)

BORING LOCATION:

93 FEET, S19E FROM WELL HEAD.

BORING #..... BH1

MW #..... NA

PAGE #..... 1

DATE STARTED 09/20/06

DATE FINISHED 09/20/06

OPERATOR..... DP

PREPARED BY NJV

DEPTH  
(FT.)

INTERVAL

LITHOLOGY  
INTERVAL

OVM  
READING  
(ppm)

### FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT  
HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 14.0 FT. BELOW GRADE).

0.0

BH1 @ 15-17 FT TIME: 1347 BLOW COUNT = 16 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER  
TPH = ND, BENZENE = ND, CHLORIDE = 8.0 ppm

#### NOTES:

 - SAND.

**OVM**

**TPH**

**ND**

**ppm**

- Organic Vapor Meter or Photo-ionization Detector (PID).

- Total Petroleum Hydrocarbons EPA Method 8015B.

- Not detected at the Reporting Limit.

- Parts per million (unit value).

OVM CALIBRATION = 51.3 ppm  
with 100 ppm Isobutylene gas &  
response factor set @ 0.52 ;  
DATE - 09/19/06, TIME - 1535.

DRAWING FLORANCE C 8R BH1.SKF

DATE 03/19/07

DWN BY NJV

**Hall Environmental Analysis Laboratory, Inc.**

Date: 02-Oct-06

**CLIENT:** Blagg Engineering  
**Lab Order:** 0609260  
**Project:** Florance C #8R  
**Lab ID:** 0609260-01

**Client Sample ID:** BH 1 @15'-17' DEHYDRATOR  
**Collection Date:** 9/20/2006 1:47:00 PM  
**Date Received:** 9/21/2006  
**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	9/26/2006 4:51:07 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/26/2006 4:51:07 PM
Surr: DNOP	78.0	61.7-135		%REC	1	9/26/2006 4:51:07 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: BDH
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/29/2006 3:19:07 PM
Surr: BFB	101	84.5-129		%REC	1	9/29/2006 3:19:07 PM
<b>EPA METHOD 9056A: ANIONS</b>						Analyst: TES
Chloride	8.0	3.0		mg/Kg	10	9/26/2006 3:35:57 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