

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: NYE LS #1A API #: 30-045- 23047 U/L or Qtr/Qtr O Sec 23 T 31N R 11W
County: SAN JUAN Latitude 36.87987 Longitude 107.95668 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐ DEHY/SEP
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: _____
**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)

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)

20

1000 feet or more

(0 points)

Ranking Score (Total Points)

40

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 < 6 ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 103 FT. S73E FROM WELL HEAD.

PIT EXCAVATION: WIDTH 25 ft., LENGTH 32 ft., DEPTH 6 ft.

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

Cubic yards: 70

GROUNDWATER ENCOUNTERED, MONITOR WELL REQUIRED

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: 06/10/05

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: Deputy Oil & Gas Inspector,

Printed Name/Title: District #3

Signature: _____

Date: AUG 10 2007

CLIENT:

BP

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

LOCATION NO: B1546COCR NO: —**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: NYE LS WELL #: 1A TYPE: DETH. SEP.QUAD/UNIT: 0 SEC: 23 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NMQTR/FOOTAGE: 1080'S 1590'E SW/SE CONTRACTOR: HDI (LWELL)DATE STARTED 6/10/05DATE FINISHED —ENVIRONMENTAL SPECIALIST NVEXCAVATION APPROX. 25 FT. x 32 FT. x 6 FT. DEEP. CUBIC YARDAGE: 70DISPOSAL FACILITY: BP CROUCH MESA FACILITY REMEDIATION METHOD: LANDFARMLAND USE: RANGE - WETLAND LEASE: FEE FORMATION: MV**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 103 FT. 573E FROM WELLHEAD.DEPTH TO GROUNDWATER <50' NEAREST WATER SOURCE: >1,000 NEAREST SURFACE WATER <200'NMOCD RANKING SCORE 40 ^{Kay} NMOCD TPH CLOSURE STD 100 PPM**SOIL AND EXCAVATION DESCRIPTION:** ELEV. - 5,689'

OVM CALIB. READ = 53.5 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME 8:46 @/pm DATE 6/9/05

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY GRAVEL OTHER —SOIL COLOR: PALE YELL. ORANGE TO BLACKCOHESION (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 & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - BET. 3' TO 5'HC ODOR DETECTED: YES / NO EXPLANATION - —SAMPLE TYPE GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: BLACK OILY APPEARANCE ON PIT SURFACE AFTER INITIAL WATER WAS PUMPED (SAMPLED). AFTER EXCAVATING, PIT GROUNDWATER WAS PUMPED VIA WATER TRUCK (VERY SLOW RECHARGE) ON 2 SEPARATE OCCASIONS.

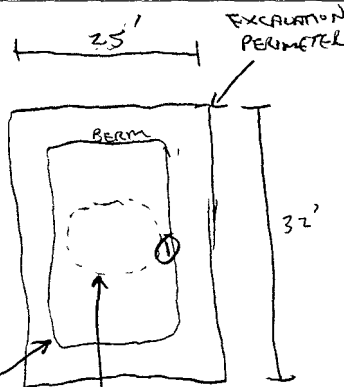
MW REQUIRED**FIELD 418.1 CALCULATIONS****SCALE**

0 FT

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

PIT PERIMETER

N

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 3	427
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
		10:15

PIT PROFILENOT APPLICABLE

ORIGINAL PIT DIMENSIONS: 25' x 27' x 3'

FORMER SHALLOW PROFILE STEEL TANK LOC. T.B. ~ 3' B.G. (FLOATING IN WATER)

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

TRAVEL NOTES:

CALLOUT: 6/9/05 - AFTER. ONSITE: 6/10/05 - MORN. (STED.)

BLAGG ENGINEERING, INC.

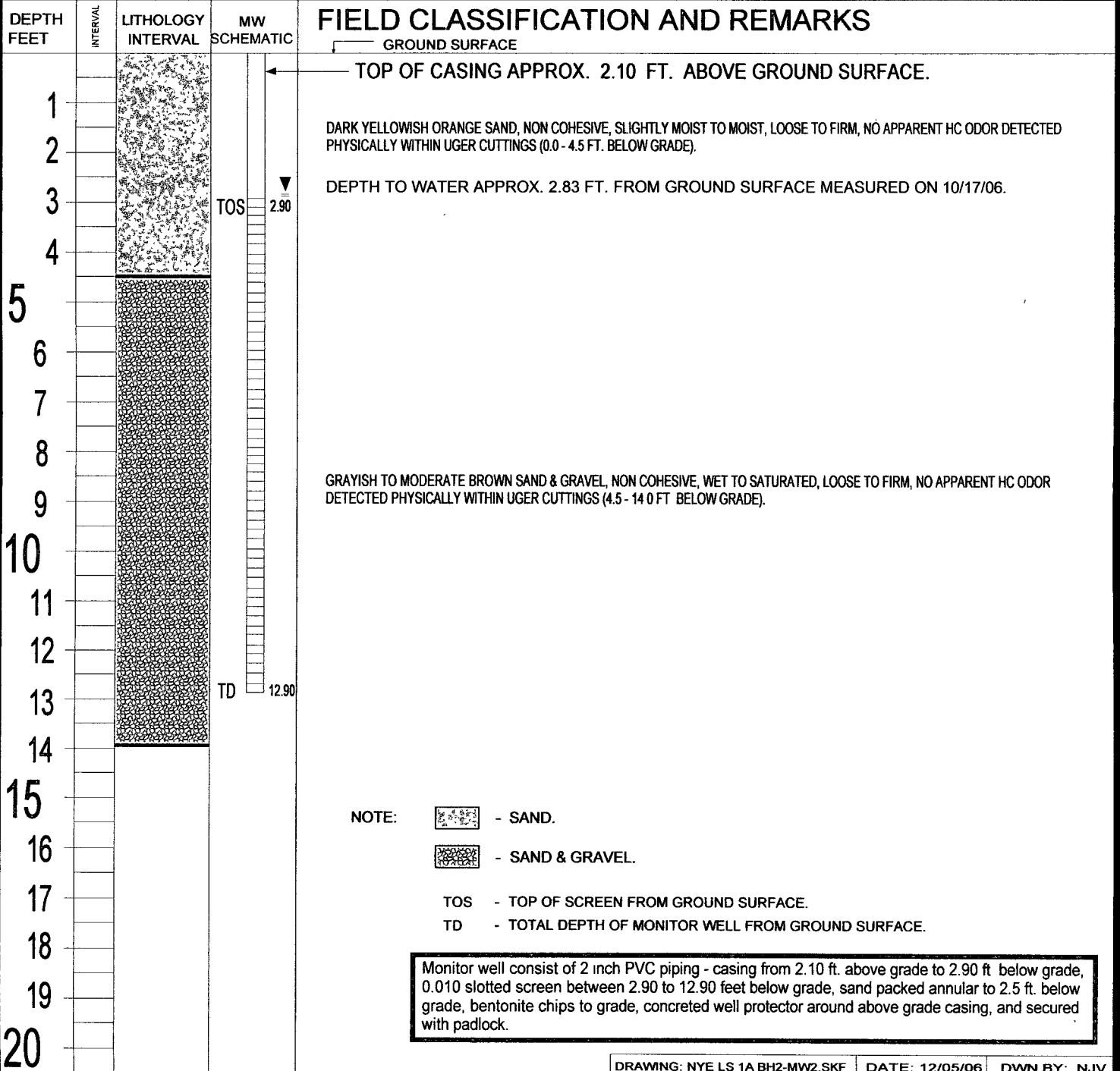
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #2

BORE / TEST HOLE REPORT

CLIENT: **BP AMERICA PRODUCTION COMPANY**
LOCATION NAME: **NYE LS # 1A** UNIT O, SEC. 23, T31N, R11W
CONTRACTOR: **BLAGG ENGINEERING, INC. / ENVIROTECH, INC.**
EQUIPMENT USED: **MOBILE DRILL RIG (CME 75)**
BORING LOCATION: **97 FT., S86E FROM WELL HEAD.**

BORING #..... **BH-2**
MW #..... **2**
PAGE #..... **2**
DATE STARTED **10/04/06**
DATE FINISHED **10/04/06**
OPERATOR..... **KP**
PREPARED BY **NJV**



BLAGG ENGINEERING, INC.**MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA****CLIENT : BP AMERICA PROD. CO.****CHAIN-OF-CUSTODY # :** N / A & 14678**NYE LS # 1A - SEP. & PROD. TANK PIT**
UNIT O, SEC. 23, T31N, R11W**LABORATORY (S) USED :** HALL ENVIRONMENTAL
ENVIROTECH**Date :** October 17, 2006**SAMPLER :** N J V**Filename :** 10-17-06.WK4**PROJECT MANAGER :** N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
MW - 1	-	-	4.55	15.00	0930	7.12	800	12.1	5.25
MW - 2	-	-	4.93	15.00	0950	7.04	700	12.6	5.00

INSTRUMENT CALIBRATIONS =	7.00	2,800
DATE & TIME =	10/17/06	0900

NOTES : Volume of water purged from well prior to sampling: $V = \pi \times r^2 \times h \times 7.48 \text{ gal./ft}^3 \times 3 \text{ (wellbores)}$.
(i.e. 2" MW $r = (1/12) \text{ ft.}$ $h = 1 \text{ ft.}$) (i.e. 4" MW $r = (2/12) \text{ ft.}$ $h = 1 \text{ ft.}$)

Ideally a minimum of three (3) wellbore volumes:

2.00" well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2".

Excellent recovery both MW's . Collected BTEX & major anions / cations from both MW's .

Top of casing MW # 1 ~ 1.75 ft. , MW # 2 ~ 2.10 ft. above grade .

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-06

CLIENT: Blagg Engineering
Project: NYE LS #1A

Lab Order: 0610182

Lab ID: 0610182-01

Collection Date: 10/17/2006 9:30:00 AM

Client Sample ID: MW #1

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	10/20/2006 3:37:57 PM
Toluene	ND	1.0		µg/L	1	10/20/2006 3:37:57 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2006 3:37:57 PM
Xylenes, Total	ND	3.0		µg/L	1	10/20/2006 3:37:57 PM
Surr: 4-Bromofluorobenzene	84.6	72.2-125		%REC	1	10/20/2006 3:37:57 PM

Lab ID: 0610182-02

Collection Date: 10/17/2006 9:50:00 AM

Client Sample ID: MW #2

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	10/20/2006 4:08:25 PM
Toluene	ND	1.0		µg/L	1	10/20/2006 4:08:25 PM
Ethylbenzene	ND	1.0		µg/L	1	10/20/2006 4:08:25 PM
Xylenes, Total	ND	3.0		µg/L	1	10/20/2006 4:08:25 PM
Surr: 4-Bromofluorobenzene	86.5	72.2-125		%REC	1	10/20/2006 4:08:25 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client: Blagg / BP
Sample ID: MW #2
Laboratory Number: 38870
Chain of Custody: 14678
Sample Matrix: Water
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 10-18-06
Date Sampled: 10-17-06
Date Received: 10-17-06
Date Extracted: N/A
Date Analyzed: 10-18-06

Parameter	Analytical Result	Units
pH	7.03	s.u.
Conductivity @ 25° C	723	umhos/cm
Total Dissolved Solids @ 180C	468	mg/L
Total Dissolved Solids (Calc)	488	mg/L
SAR	1.0	ratio
Total Alkalinity as CaCO3	250	mg/L
Total Hardness as CaCO3	325	mg/L

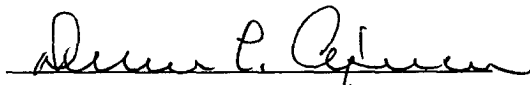
Bicarbonate as HCO3	250	mg/L	4.10	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	0.1	mg/L	0.00	meq/L
Nitrite Nitrogen	0.040	mg/L	0.00	meq/L
Chloride	79.0	mg/L	2.23	meq/L
Fluoride	0.73	mg/L	0.04	meq/L
Phosphate	0.30	mg/L	0.01	meq/L
Sulfate	92.1	mg/L	1.92	meq/L
Iron	0.021	mg/L	0.00	meq/L
Calcium	109	mg/L	5.44	meq/L
Magnesium	12.8	mg/L	1.05	meq/L
Potassium	1.01	mg/L	0.03	meq/L
Sodium	40.7	mg/L	1.77	meq/L

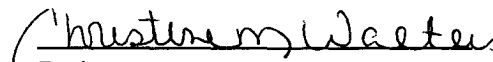
Cations 8.29 meq/L
Anions 8.29 meq/L

Cation/Anion Difference 0.01%

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Nye LS #1A Grab Sample


Analyst


Review