3R - 45

REPORTS

DATE:
1995

B0219

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

GW sample after pumping. Determine extent

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company **Telephone:** (505) 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name: SAMMONS GC B 1

Location: Unit or Qtr/Qtr Sec A Sec 18 T 29N R 9W County SAN JUAN

Pit Type: Separator ___ Dehydrator ___ Other BLOW

Land Type: BLM ___, State ___, Fee ___, Other COM. AGMT.

Pit Location: (Attach diagram)
Pit dimensions: length 80', width 85', depth 8'
Reference: wellhead X, other ___
Footage from reference: 190'
Direction from reference: 45 Degrees X East North ___ of ___ West South X

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (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)	20
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	10
	RANKING SCORE (TOTAL POINTS):	50

B0219

Date Remediation Started: _____ **Date Completed:** _____

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards 2000

Landfarmed ___ Insitu Bioremediation ___

Other ROCK CRUSHER

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ___ Offsite X GARCIA GC B1

General Description Of Remedial Action:

Excavation - GROUNDWATER PUMPED & DISPOSED BY TRIPLE S TRUCKING.

Ground Water Encountered: No ___ Yes X Depth 5-7'

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 5'

Sample date 4/3/95 Sample time 0800

Sample Results

Benzene(ppm) NO

Total BTEX(ppm) 0.0006

Field headspace(ppm) _____

TPH _____

Ground Water Sample: Yes X No ___ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 4/4/95

SIGNATURE B J Shaw PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator

CLIENT: AMOCO

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

LOCATION NO: B02119
C.O.C. NO: _____

FIELD REPORT: SITE ASSESSMENT

~~JOB No:~~ _____
PAGE No: 1 of 1

PROJECT: PIT ASSESSMENT
CONTRACTOR: BLAGG ENGINEERING, PAUL & SONS
EQUIPMENT USED: BACKHOE, PID

DATE STARTED: 3/13/95
DATE FINISHED: _____
ENVIRO. SPCLT: NV
OPERATOR: BM JR.

LOCATION: NAME: SAMMONS GC WELL #: B1 PIT: BLOW
QUAD/UNIT: A SEC: 18 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM
LAND USE: RANGE / RANCH LAND LEASE #: —
SURFACE CONDITIONS: BARREN, VEGETATION, NO STAINING OBSERVED

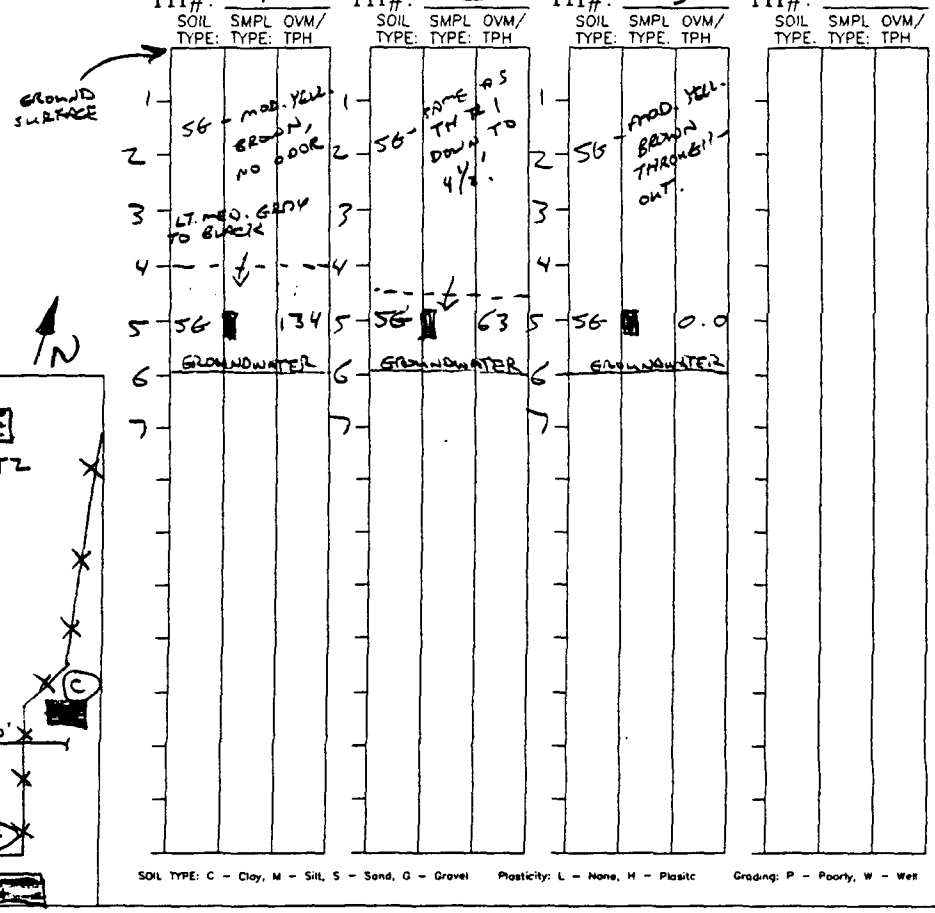
FIELD NOTES & REMARKS: PIT IS LOCATED APPROXIMATELY 180 FEET S45E OF WELLHEAD.
DEPTH TO G.W: <50' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER <1000'
RANKING SCORE: 50 CLOSURE STD: 100 ppm

SAMPLE INVENTORY		
SMPL ID:	SMPL TYPE:	LABORATORY ANALYSIS:

MOSTLY SAND & GRAVEL, MOD. YELL. BROWN EXCEPT NEAR GROUNDWATER (LT. MED. GRAY TO BLACK) IN TH #1, TH #2, TEST HOLES (A), (B), & (C), MOIST TO SATURATED, LOOSE TO FIRM, STRONG HC ODOR IN THOSE TEST HOLES MENTIONED ABOVE.

TEST HOLE LOGS:

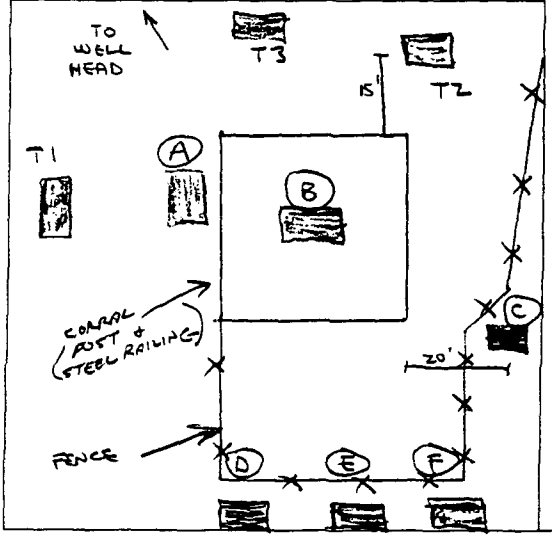
TH#: 1 — SOIL TYPE: SG; SMPL TYPE: —; OVM/TPH: 134
TH#: 2 — SOIL TYPE: SG; SMPL TYPE: —; OVM/TPH: 63
TH#: 3 — SOIL TYPE: SG; SMPL TYPE: —; OVM/TPH: 0.0
TH#: _____ — SOIL TYPE: _____; SMPL TYPE: _____; OVM/TPH: _____



SOIL TYPE: C - Clay, M - Silt, S - Sand, G - Gravel Plasticity: L - None, H - Plastic Grading: P - Poorly, W - Well

SCALE
0 20 FEET

SITE DIAGRAM



CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 80219 C.O.C. NO: 2921

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: SAMMONS GC WELL #: 81 PIT: BLOW

QUAD/UNIT: A SEC: 18 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: NE/4 NE/4 CONTRACTOR: P VELASQUEZ

DATE STARTED: 4/3/95

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 80 FT. x 85 FT. x 8 FT. DEEP. CUBIC YARDAGE: 2000

DISPOSAL FACILITY: GARCIA GC B1 REMEDIATION METHOD: ROCK CRUSHER

LAND USE: RANGE/RANCH LAND LEASE: - FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 190 FT. S45E FROM WELLHEAD.

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

NMOCD RANKING SCORE: 50 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:

✓ PIT ABANDONED

___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

SOIL SAMPLES UNOBTAINABLE DUE TO INACCESSIBILITY. SLIGHT SHEEN OBSERVED ON GROUNDWATER SURFACE.

GROUNDWATER PUMPED & DISPOSED BY TRIPLE S TRUCKING

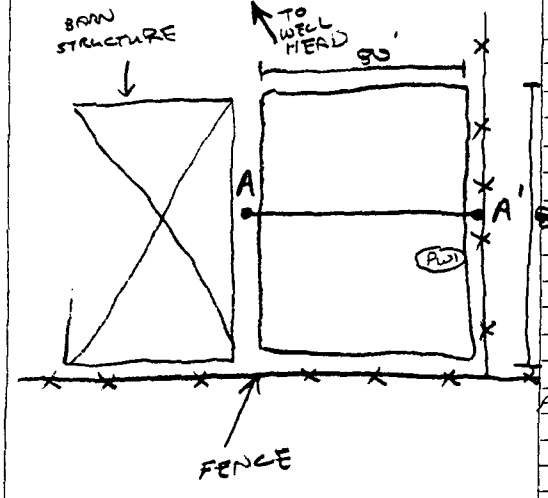
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE

0 FT

PIT PERIMETER



OVM RESULTS

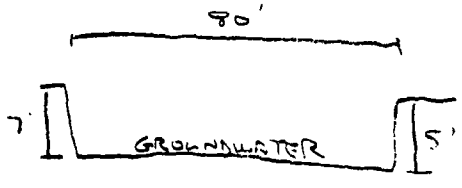
SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
PW1@GW(5')	BTEX	0800

PASSED

PIT PROFILE



TRAVEL NOTES: CALLOUT: 3/31/95 ONSITE: 4/3/95

ON SITE
TECHNOLOGIES, LTD.

OFF: (505) 325-8786

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn:	*Nelson Velez*	Date:	4/4/95
Company:	*Blagg Engineering*	*Lab ID:*	*2921*
Address:	*P.O. Box 87*	*Sample ID:*	*5764*
City, State:	*Bloomfield, NM 87413*	*Job No.*	*2-1000*

Project Name:	***Sammons GC B 1***				
Project Location:	***PW 1 @ GW (5') - Blow Pit***				
Sampled by:	NV	Date:	4/3/95	Time:	8:00
Analyzed by:	DLA	Date:	4/4/95		
Sample Matrix:	*Water*				

Aromatic Volatile Organics

Component	***Measured Concentration ug/L***	***Detection Limit Concentration ug/L***
Benzene	ND	*0.2*
Toluene	0.3	*0.2*
Ethylbenzene	ND	*0.2*
m,p-Xylene	ND	*0.2*
o-Xylene	0.4	*0.2*
	TOTAL *0.6 ug/L*	

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Jack
Date: 4/4/95

DC 214

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

OK

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company **Telephone:** (505) 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name: SAMMONS GC B1

Location: Unit or Qtr/Qtr Sec A Sec 18 T 29N R 9W County SAN JUAN

Pit Type: Separator X Dehydrator ___ Other ___

Land Type: BLM ___, State ___, Fee ___, Other COM. AGMT.

Pit Location: (Attach diagram)
Pit dimensions: length 14', width 19', depth 6'
Reference: wellhead X, other ___
Footage from reference: 115'
Direction from reference: 85 Degrees X East North ___ of ___ West South X

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (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 perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	10
	RANKING SCORE (TOTAL POINTS):	30

B0219

Date Remediation Started: _____ **Date Completed:** 2/15/95

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards 40

Landfarmed ___ Insitu Bioremediation ___

Other ROCK CRUSHER

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ___ Offsite X GARCIA EC B1

General Description Of Remedial Action: Excavation

Ground Water Encountered: No ___ Yes X Depth 5'

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 5'

Sample date 2/14/95 Sample time 1005

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 0.0047

Field headspace(ppm) _____

TPH _____

Ground Water Sample: Yes X No ___ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 2/15/95

SIGNATURE B J Shaw

PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator

GAVE Bob McCoy RESULTS VERBALLY 2/15/95 2:40 pm

CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 80219 C.C.C. NO:

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: SAMMONS GC B1 WELL #: B1 PIT: SEP
QUAD/UNIT: A SEC: 18 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NE/4 NE/4 CONTRACTOR: P. VELASQUEZ

DATE STARTED: 2/14/95
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 14 FT. x 19 FT. x 6 FT. DEEP. CUBIC YARDAGE: 40
DISPOSAL FACILITY: GARCIA GC B1 REMEDIATION METHOD: ROCK CRUSHER
LAND USE: RANGE/AGRICULTURAL LEASE: - FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 115 FT. 58SE FROM WELLHEAD.
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:
✓ PIT ABANDONED
___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

SIDEWALL SOIL SAMPLES INACCESSIBLE. NO SHEEN OR ANY SIGNS OF HC OBSERVED ON GROUNDWATER SURFACE ASSOCIATED WITH PIT.

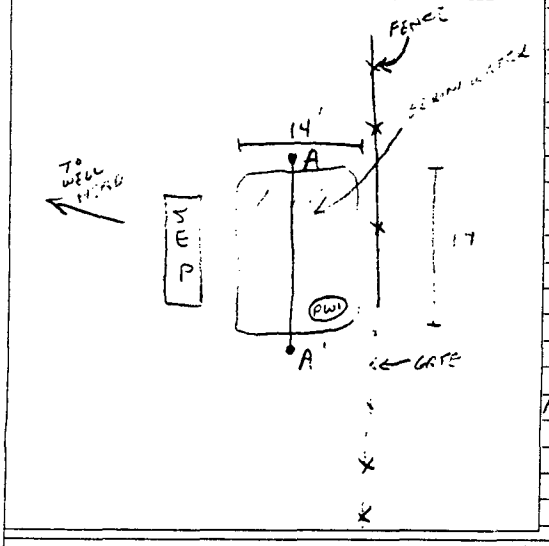
CLOSED

SCALE
0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

PIT PERIMETER



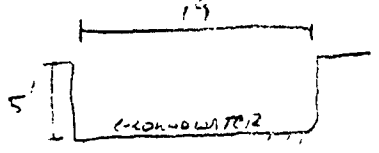
OVM RESULTS

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

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
PW1 EGW(S)	BTEX	1005
	PASSED	

PIT PROFILE



TRAVEL NOTES: CALLOUT: 2/15/95 ONSITE: 2/14/95

ON SITE
TECHNOLOGIES, LTD.

OFF: (505) 325-8786 LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn:	*Nelson Velez*	Date:	2/15/95
Company:	*Blagg Engineering*	*Lab ID:*	*2626*
Address:	*P.O. Box 87*	*Sample ID:*	*5158*
City, State:	*Bloomfield, NM 87413*	*Job No.*	*2-1000*

Project Name:	***Sammons GC B1***				
Project Location:	***PW 1 @ GW (5') - Sep Pit***				
Sampled by:	NV	Date:	2/14/95	Time:	10:05
Analyzed by:	DLA	Date:	2/15/95		
Sample Matrix:	*Water*				

Aromatic Volatile Organics

Component	*Measured Concentration ug/L*	*Detection Limit Concentration ug/L*
Benzene	ND	*0.2*
Toluene	2.1	*0.2*
Ethylbenzene	ND	*0.2*
m,p-Xylene	2.5	*0.2*
o-Xylene	0.2	*0.2*
	TOTAL 4.7 ug/L	

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: DaH
Date: 2/15/95

80219

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Amoco Production Company

3. Address and Telephone No.
200 Amoco Court, Farmington, N.M. 87401 Tel: (505) 326-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/4 NE/4, SEC. 18, T29N, R9W, NMPM

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
14080012911

8. Well Name and No.
SAMMONS GC B 1

9. API Well No.
3004508395

10. Field and Pool, or Exploratory Area
MESA VERDE

11. County or Parish, State
SAN JUAN, NM

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Pit closure	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pit closure verification - see attached documentation.

SEPARATOR PIT - ABANDONED

BLOW PIT - ABANDONED

14 I hereby certify that the foregoing is true and correct
Signed R.A. Shaw Title ENVIRO. COORDINATOR Date 2/15/95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side