| Element | Value | Description |
|------------------|-------|--|
| Transaction Code | 01 | ROYALTY DUE |
| Transaction Code | 02 | MINIMUM ROYALTY PAYMENT |
| Transaction Code | 03 | ESTIMATED ROYALTY PAYMENT |
| Transaction Code | 04 | RENTAL PAYMENT |
| Transaction Code | 05 | ADVANCE RENTAL CREDIT |
| Transaction Code | | ROYALTY IN KIND TRANSACTION - NO CASH PAYMENT TO MMS |
| Transaction Code | 07 | MMS SETTLEMENT AGREEMENT (FOR MMS INTERNAL USE) |
| Transaction Code | 08 | ROYALTY IN KIND OTHER |
| Transaction Code | 10 | COMPENSATORY ROYALTY PAYMENT |
| Transaction Code | 11 | TRANSPORTATION ALLOWANCE |
| Transaction Code | 12 | TAX CREDIT |
| Transaction Code | 13 | RIK QUALITY BANK AND GRAVITY BANK ADJUSTMENT |
| Transaction Code | | TAX REIMBURSEMENT PAYMENT |
| Transaction Code | 15 | PROCESSING ALLOWANCE |
| Transaction Code | | WELL FEES |
| Transaction Code | | GAS STORAGE AGREEMENT - FLAT FEE |
| Transaction Code | | GAS STORAGE AGREEMENT - INJECTION FEE |
| Transaction Code | | GAS STORAGE AGREEMENT - WITHDRAWAL FEE |
| Transaction Code | | NO SALES SOLIDS |
| Transaction Code | | INTEREST AMOUNT DUE MMS |
| Transaction Code | | INTEREST AMOUNT OWED TO PAYOR |
| Transaction Code | | RECOUP ADVANCE RENTAL CREDIT |
| Transaction Code | 31 | CONTRACT SETTLEMENTS PAYMENT |
| Transaction Code | | ADVANCE ROYALTY (SOLIDS COAL LEASES ONLY) |
| Transaction Code | 33 | RECOUP ADVANCE ROYALTY (SOLIDS ONLY) |
| Transaction Code | 37 | ROYALTIES DUE IN LIEU OF SEVERANCE TAX |
| Transaction Code | 38 | ADDITIONAL ROYALTY DUE FOR OCSLA, SECTION (6)(a)(9) LEASES |
| Transaction Code | | NET PROFIT SHARE - UNPROFITABLE |
| Transaction Code | 40 | NET PROFIT SHARE - PROFITABLE |
| Transaction Code | 41 | OFFSHORE DEEP WATER ROYALTY RELIEF |
| Transaction Code | 42 | NET REVENUE SHARE LEASE, ALLOTMENT FOR OPERATING COSTS |
| Transaction Code | | INDIAN RECOUPABLE BALANCE |
| Transaction Code | | INDIAN RECOUPMENT TAKEN |
| | | RECOUP MINIMUM ROYL PAID IN ADVANCE (use limited to specific |
| Transaction Code | 52 | Navajo Leases) |
| | | EFFLUENT INJECTION REIMBURSEMENT (use limited to Geothermal |
| Transaction Code | 53 | leases) |
| Transaction Code | | GEOTHERMAL FIELD OPERATIONS REIMBURSEMENT |
| Transaction Code | | STRATEGIC PETROLEUM RESERVE (SPR) |
| Transaction Code | | BONUS RENTALS |
| Transaction Code | | BONUS RENTALS |
| Transaction Code | | BONUS RENTALS |
| | - | |
| | | ADJUSTMENT - Used for all adjustments that do not require a unique |
| Adjustment Rsn | 10 | Adjustment Reason Code |

| | - | |
|------------------------------|----|---|
| Adjustment Rsn | 15 | MARGINAL PROPERTY TRUE-UP |
| Adjustment Rsn | 16 | MAJOR PORTION (Post 1/1/2000 sales months only) |
| Adjustment Rsn | 17 | MMS INITIATED COMPLIANCE ADJUSTMENT |
| Adjustment Rsn | 20 | DOE SPR RIK WITHOUT ROYALTY VALUE |
| Adjustment Rsn | 21 | DOE SPR RIK WITH ROYALTY VALUE |
| Adjustment Rsn | 25 | NETBACK COSTS TRUE-UP (use limited to Geothermal leases only) |
| | | |
| Adjustment Rsn | 26 | CHANGE VALUATION METHOD (use limited to Geothermal leases only) |
| | | RETROACTIVE MANDATORY PRICE ADJUSTMENT- (use limited to |
| Adjustment Rsn | 31 | Geothermal leases only) |
| Adjustment Rsn | 32 | ESTIMATE ADJUSTMENT |
| Adjustment Rsn | 35 | UNIT PARTICIPATING AREA/COMMUNITIZATION AGREEMENT ADJ |
| Adjustment Rsn | 49 | INDEX ZONE/DUAL ACCOUNTING PRICE ADJUSTMENT |
| Adjustment Rsn | 71 | ESTIMATE UNDER/OVER PAYMENT INTEREST |
| Adjustment Rsn | 72 | AUDIT UNDER/OVER PAYMENT INTEREST |
| Adjustment Rsn | 88 | SMALL ROYALTY WRITE OFF |
| Adjustment Rsn | 99 | MRM PREPARED ENTRY |
| | 33 | |
| Product Code | 01 | OIL |
| Product Code | 02 | CONDENSATE |
| Product Code | 02 | PROCESSED (RESIDUE) GAS |
| Product Code | 03 | UNPROCESSED (WET) GAS |
| Product Code | 04 | DRIP OR SCRUBBER CONDENSATE |
| Product Code | 05 | INLET SCRUBBER |
| Product Code | 07 | GAS PLANT PRODUCTS |
| Product Code | 07 | NITROGEN |
| Product Code | 12 | FLASH GAS |
| Product Code | 13 | FUEL OIL |
| Product Code | 14 | OIL LOST |
| Product Code | 15 | FUEL GAS |
| Product Code | 16 | GAS LOST - FLARED OR VENTED |
| Product Code | 17 | CARBON DIOXIDE GAS (CO2) |
| Product Code | 19 | SULFUR |
| Product Code | 20 | OTHER LIQUID HYDROCARBONS |
| Product Code | 20 | HELIUM |
| Product Code | 31 | GEOTHERMAL - ELECTRICAL GENERATION, KILOWATT HOURS |
| | 32 | POUNDS |
| Product Code | 32 | |
| Product Code Product Code | 33 | GEOTHERMAL - ELECTRICAL GENERATION, MILLIONS OF BTUS GEOTHERMAL - ELECTRICAL GENERATION, OTHER |
| | 35 | GEOTHERMAL - ELECTRICAL GENERATION, OTHER GEOTHERMAL - DIRECT UTILIZATION, MILLIONS OF BTUS |
| Product Code | | GEOTHERMAL - DIRECT UTILIZATION, MILLIONS OF BTOS |
| Product Code | 36 | |
| Product Code | 37 | GEOTHERMAL - DIRECT UTILIZATION, OTHER |
| Product Code | 38 | GEOTHERMAL - COMMERICIALLY DEMINERALIZED H2O |
| Product Code | 39 | |
| Product Code | AA | Amethyst |
| Product Code | AB | Asbestos |
| Product Code | AD | Asphalt |

| Product Code | AG | Silver |
|--------------|----|---------------------------------|
| | AP | Gold Placer |
| | AU | Gold Metal |
| | AV | Gold Ore |
| | B0 | Gold |
| | B1 | Hot Springs |
| | BA | Bitumen-Raw |
| | BB | Barite |
| | BC | Basalt |
| | BD | Bentonite |
| | BF | Bitumen-Processed |
| | BG | Borax-Coarse |
| | BH | Borax-Anhydrous |
| | BJ | Borax-Decahydrate |
| | BL | Borax-Pentahydrate |
| | BM | Boric Acid |
| | BN | Boric Slag |
| | BO | Boric Oxide |
| | BP | Burkeite Cake |
| | BR | Burkeite Brine |
| | BS | Borrow Sand & Gravel |
| | BW | Borax Ore |
| | CA | Calcium Chloride |
| | CB | Chat |
| | CC | Cinders |
| | CD | Cadmium |
| | CG | Clay |
| | СН | Copper Concentrate |
| | CI | Copper Concentrate(Mill-Equiv) |
| | CJ | Copper Ore |
| | CL | Cobalt Concentrate |
| Product Code | СМ | Copper Cement |
| | CO | Carbon Dioxide |
| Product Code | СР | Copper - Pregnt Liquor Solution |
| Product Code | CS | Calcium Silicate Slag |
| | CU | Copper |
| | DA | Dawsonite |
| Product Code | EA | Coal-Anthracite-Processed |
| | EB | Coal-Anthracite-Raw |
| | EC | Coal-Bituminous-Processed |
| | ED | Coal-Bituminous-Raw |
| Product Code | EF | Coal-Lignite-Processed |
| | EG | Coal-Lignite-Raw |
| Product Code | EH | Coal-Subbituminous-Processed |
| Product Code | EI | Coal-Subbituminous-Raw |
| Product Code | ER | Coal-Resin |
| Product Code | ES | Coal-Fines Circuit |

| Product Code | EW | Coal Waste (Sub-Econ) |
|------------------------------|----------|--|
| Product Code | FA | Feldspar Concentrate |
| Product Code | FB | Ferro Phosphorous Slag |
| Product Code | FC | Fluorspar Concentrate-Indust |
| Product Code | FD | Fluorspar Concentrate-Chemical |
| Product Code | FE | Iron Ore |
| Product Code | FF | Iron Concentrate |
| Product Code | FR | Fluorspar-Raw Ore |
| Product Code | GA | Garnet-Gem |
| Product Code | GB | Garnet Sands |
| Product Code | GC | Garnet Concession Sale |
| Product Code | GF | Gilsonite |
| Product Code | GG | Granite |
| Product Code | GH | Gypsum |
| Product Code | GL | Glaserite |
| Product Code | GM | Gemstones |
| Product Code | HG | Mercury |
| Product Code | IA | Ilmenite Raw Ore |
| Product Code | IB | Intermediate Brine |
| Product Code Product Code | JA JB | Muriate Of Potash-Coarse |
| Product Code Product Code | JC | Muriate Of Potash-Fine Muriate Of Potash-Chemical |
| Product Code | JD | Muriate Of Potash-Chemical Muriate Of Potash-Standard |
| Product Code | JE | Mixed Potash - Raw Ore |
| Product Code | JI | Muriate Of Potash-Industrial |
| Product Code | JL | Muriate Of Potash-Granular |
| Product Code | JS | Muriate Of Potash-Soluble |
| Product Code | KA | Kyanite |
| Product Code | LA | Langbeinite-Raw Ore |
| Product Code | LB | Langbeinite-Coarse |
| Product Code | LC | Langbeinite-Granular |
| Product Code | LD | Langbeinite-Standard |
| Product Code | LE | Granulated Langeinite |
| Product Code | LS | Langbeinite-Special Std |
| Product Code | LT | Leonardite |
| Product Code | MA | Mica |
| Product Code | MB | Molybdenum Concentrate |
| Product Code | MC | Mixed Sulfate Cake |
| Product Code | MD | Carbonated Liquor |
| Product Code | ME | Supo End Liquor |
| Product Code | MF | Compactor Feed |
| Product Code | MG | Magnesium Chloride Brine |
| Product Code | MN | Manganese |
| Product Code | MO | Molybdenum |
| Product Code | MS | Manure Salts |
| Product Code | NA | Sodium |
| Product Code | NB | Sodium Brine (Nacl) |

| Product Code | NC | Nahcolite |
|--------------|----|--------------------------------|
| Product Code | ND | Brine Barrels |
| Product Code | NI | Nickel |
| Product Code | NL | Llx/Bax Brine |
| Product Code | NP | Borate/Potash Brine |
| Product Code | NQ | Borate/Sulfate Brine |
| Product Code | NS | Hi-Carbonate Brine |
| Product Code | OB | Olivine Concentrate |
| Product Code | PA | Low Alpha Lead |
| Product Code | PB | Lead |
| Product Code | PC | Lead Concentrate |
| Product Code | PE | Lead Concentrate (Mill Equiv) |
| Product Code | PF | Lead Ore |
| Product Code | PG | Limestone |
| Product Code | PH | Phosphate Pebble |
| Product Code | PI | Peat |
| Product Code | PJ | Phosphate Concentrate |
| Product Code | PK | Phosphate Raw Ore |
| Product Code | PL | Phosphate Rock |
| Product Code | PM | Phosphatic Clay |
| Product Code | PN | Potassium Sulphate-Standard |
| Product Code | PP | Purge Liquor |
| Product Code | PQ | Phosphate Precipitator Dust |
| Product Code | PS | Potassium Sulphate Special Std |
| Product Code | PT | Potassium Sulphate-Granular |
| Product Code | QA | Quartz |
| Product Code | QB | Quartz Crystal |
| Product Code | RA | Spent Brine |
| Product Code | RF | Copper-Leach Field Feed |
| Product Code | RP | Rip Rap |
| Product Code | SA | Salt |
| Product Code | SB | Sodium Bi-Carbonate |
| Product Code | SC | Scoria |
| Product Code | SD | Salt Cake |
| Product Code | SE | Silica Sand |
| Product Code | SF | Sand/Gravel |
| Product Code | SG | Sand/Gravel-Cubic Yards |
| Product Code | SH | Slag (Metal) |
| Product Code | SI | Sodium Bicarbonate-Industrial |
| Product Code | SJ | Soda Ash |
| Product Code | SK | Soda Ash-Coarse |
| Product Code | SL | Soda Ash-Granular |
| Product Code | SM | Sodium Bicarbonate Animal Feed |
| Product Code | SN | Anhydrous Sodium Sulfate |
| Product Code | SO | Soda Ash-Standard |
| Product Code | SP | Sodium Sesquicarbonate |
| Product Code | SQ | Sodium Tripolyphosphate |

| Product Code | SR | Caustic |
|--------------|------|---|
| Product Code | SS | Sulfur |
| Product Code | ST | Tetrasodium Pyrophosphate |
| Product Code | SU | Sulfide |
| Product Code | SV | High Purity Dense Soda Ash |
| Product Code | SW | Salt-Waste |
| Product Code | SY | Sylvite-Raw Ore |
| Product Code | SZ | Sulfuric Acid |
| Product Code | ТВ | Sodium Bisulfite |
| Product Code | TD | Sodium Decahydrate |
| Product Code | TF | Titanium Oxide |
| Product Code | TG | Tripoli |
| Product Code | TJ | Trona Ore |
| Product Code | ТМ | Sodium Metabisulfite |
| Product Code | TR | Trona-Raw |
| Product Code | TS | Tar Sands |
| Product Code | TW | Mine Water |
| Product Code | UA | Uranium-Raw Ore |
| Product Code | UU | Uranium Conc.(Yellow Cake) |
| Product Code | VV | Vanadium |
| Product Code | WA | Wavellite |
| Product Code | WW | Tungsten |
| Product Code | YO | Yitrium Ore |
| Product Code | YY | Yitrium |
| Product Code | ZA | Zinc Concentrate |
| Product Code | ZB | Zinc Concentrate (Mill Equiv) |
| Product Code | ZN | Zinc |
| | | |
| | | |
| Sales Type | GNST | GEOTHERMAL NO SALES TRANSACTION |
| Sales Type | ARMS | ARM'S LENGTH |
| Sales Type | NARM | NON ARM'S LENGTH |
| Sales Type | POOL | POOLED SALES (ARM'S AND NON ARM'S LENGTH) |
| Sales Type | APOP | PERCENTAGE OF PROCEEDS - ARM'S LENGTH |
| Sales Type | NPOP | PERCENTAGE OF PROCEEDS - NON ARM'S LENGTH |
| Sales Type | RIKD | ROYALTY IN KIND DELIVERIES |
| Sales Type | OINX | OIL INDEX |
| Sales Type | Z700 | HISTORICAL POP CONVERSION |
| Sales Type | Z999 | HISTORICAL CONVERSION |
| Sales Type | AG01 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG02 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG03 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG04 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG05 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG06 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG07 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG08 | FUTURE VALUATION AGREEMENT |

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|-------------|------|---------------------------------|
| Sales Type | AG09 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG10 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG11 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG12 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG13 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG14 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG15 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG16 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG17 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG18 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG19 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG20 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG21 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG22 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG23 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG24 | FUTURE VALUATION AGREEMENT |
| Sales Type | AG25 | FUTURE VALUATION AGREEMENT |
| | | |
| Pmt. Method | 1 | CHECKS TO MMS |
| Pmt. Method | 2 | INDIAN DIRECT PAY |
| Pmt. Method | 3 | EFT PAYMENT |
| Pmt. Method | 4 | ROYALTY-IN-KIND |
| Pmt. Method | 5 | CHECKS TO MMS FOR BIA |
| Pmt. Method | 6 | OTHER (reserved for future use) |
| Pmt. Method | 7 | INDIAN LOCKBOX |