2014 ELECTRONIC EDITS

Complete List of EDITS

Validation edits to the forms. These edits will compare specific data fields on the line with the reported Transaction Code. The edits described below are the Transaction Code Specific edits which will execute when the validation button is used:

1. IF Transaction Code is 12, 50, or 51 then execute edit.
    EDIT – If F/I indicator is F then error.
    ERROR MESSAGE: Only Indian leases are allowed for this Transaction Code.

2. IF Transaction Code is 37, 38, 41, or 42 then execute edit.
    EDIT – If F/I indicator is I then error.
    ERROR MESSAGE: Only Federal leases are allowed for this Transaction Code.

3. IF Transaction Code is 02, 03, 04, 05, 07, 16, 17, 18, 19, 21, 22, 25, 50, 51, or 52 then execute edit.
    EDIT – If Product Code is not 00 then error.
    ERROR MESSAGE: Product Code must be 00 for this Transaction Code.

4. IF Transaction Code is 01, 06, 10, 11, 12, 13, 14, 15, 20, 31, 37, 38, 39, 40, 41, 42, 53, 54, or 60 then execute edit.
    EDIT – If Product Code is 00 or blank then error.
    ERROR MESSAGE: Product Code must not be 00 or blank for this Transaction Code.

5. IF Transaction Code is 01, 11, 12, 14, 15, 20, 41, 53, 54, or 60 then execute edit.
    EDIT – If Sales Type Code is blank then error.
    ERROR MESSAGE: Sales Type Code is required for this Transaction Code.

6. IF Transaction Code is 02, 03, 04, 05, 07, 16, 17, 18, 19, 21, 22, 25, 50, 51, or 52 then execute edit.
    EDIT – If Sales Type Code is present then error.
    ERROR MESSAGE – Sales Type Code must be blank for this Transaction Code.

7. IF Transaction Code is 01, 03, 06, 10, 11, 12, 13, 14, 15, 18, 19, 21, 22, 25, 31, 37, 38, 39, 40, 41, 42, 50, 51, 52, 53, or 54 then execute edit.
    EDIT – Compare Sales Month date to system date. If the Sales Month date is greater than the system date then error.
    ERROR MESSAGE: Sales MO/YR cannot be dated in the future for this Transaction Code. Please ensure your computer system date is correct.

8. IF Transaction Code is 01, 06, 10, 18, 19, 31, 37, 38, 40, 53, or 54 and SALES DATE LESS THAN 02/01/2005 then execute edit.
    EDIT – If Sales Value is less than –$0.10 or greater than $0.10 and If ARC is blank or 00 and the RVLA is greater than 0 and Sales Volume is less than or equal to 0 then error.
    ERROR MESSAGE: Sales Volume must be positive when the ARC is blank or 00 and RVLA is positive.

9. IF Transaction Code is 01, 06, 10, 18, 19, 31, 37, 38, 39, 40, 41, 53, or 54 then execute edit.
    EDIT – If Sales Value is less than -$0.10 or greater than $0.10 and If Sales Volume is equal to zero then error.
    ERROR MESSAGE: Sales Volume cannot be zero for this Transaction Code.

    IF Transaction Code is 02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 25, 42, 50, 51, or 52 then execute edit.
    EDIT – If Sales Volume is greater than or less than 0 then error.
    ERROR MESSAGE: Sales Volume must be zero for this Transaction Code.

10. IF Transaction Code is 18, 19 or 60 then execute edit
    EDIT – If Sales Volume is 0 or blank then error.
    ERROR MESSAGE: Sales Volume is required for this Transaction Code.

11. IF Transaction Code is 02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 42, 50, 51, 52, 53, 54, or 60 then execute edit.
    EDIT – If Gas MMBtu is greater than or less than 0 then error.
    ERROR MESSAGE: Gas MMBtu must be zero for this Transaction Code.

12. IF Transaction Code is 01, 06, 10, 31, 37, 38, 39, 40, or 41 then execute edit.
    EDIT – If Product Code is 03, 04, 12, 15, 16, or 39 and Gas MMBtu is 0 then error.
    ERROR MESSAGE: Gas MMBtu is required for this Transaction/Product Code combination.

13. IF Transaction Code is 01, 06, 10, 31, 37, 38, 40, 53, or 54 and SALES DATE LESS THAN 02/01/2005 then execute edit.
    EDIT – If RVLA is greater than 0 and ARC is blank or 00 and Sales Value is less than or equal to 0 then error.
    ERROR MESSAGE: Sales Value must be positive when ARC is blank and RVLA is positive.

14. IF Transaction Code is 01, 06, 10, 31, 37, 38, 39, 40, 41, 53, or 54 then execute edit.
    EDIT – If Sales Value is 0 or blank then error.
    ERROR MESSAGE: Sales Value is required for this Transaction Code.

15. IF Transaction Code is 02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 50, 51, 52, or 60 then execute edit.
    EDIT – If Sales Value is not 0 then error.
    ERROR MESSAGE: Sales Value must be zero for this Transaction Code.

16. IF Transaction Code is 02, 03, 04, 05, 06, 07, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 31, 37, 38, 41, 42, 50, 51, 52, 53, 54, or 60 then execute edit.
    EDIT – If Transportation Allowance is greater or less than 0 then error.
    ERROR MESSAGE: Transportation Allowance must be zero for this Transaction Code.

17. IF Transaction Code is 01, 10, 11, 39, or 40 and SALES DATE LESS THAN 02/01/2005 then execute edit.
    EDIT – If Transportation Allowance is greater than 0 and ARC is blank or 00 then error.
    ERROR MESSAGE: Transportation Allowance must be negative unless an ARC is used.

18. IF Transaction Code is 11 then execute edit.
    EDIT – If Transportation Allowance is equal to 0 then error.
    ERROR MESSAGE: Transportation Allowance is required for this Transaction Code.

19. IF Transaction Code is 02, 03, 04, 05, 06, 07, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 25, 31, 37, 38, 41, 42, 50, 51, 52, 53, 54, or 60 then execute edit.
    EDIT – If Processing Allowance is greater than or less than 0 then error.
    ERROR MESSAGE – Processing Allowance must be zero for this Transaction Code.

20. IF Transaction Code is 01, 10, 15, 39, or 40 and SALES DATE LESS THAN 02/01/2005 then execute edit.
    EDIT – If Processing Allowance is greater than 0 and the ARC is blank or 00 then error.
    ERROR MESSAGE: Processing Allowance must be negative unless an ARC is used.

21. IF Transaction Code is 15 then execute edit.
    EDIT – If Processing Allowance is equal to 0 then error.
    ERROR MESSAGE – Processing Allowance is required for this Transaction Code.

22. IF Transaction Code is 01, 02, 03, 04, 05, 06, 10, 14, 16, 17, 18, 19, 31, 37, 38, 40, 50, 53, or 54 and SALES DATE LESS THAN 02/01/2005 then execute edit.
    EDIT - If ARC is blank or 00 and RVLA is less than or equal to zero then error.
    ERROR MESSAGE – RVLA must be positive when the ARC is blank or 00.

24. IF Transaction Code is 06 or 60 then execute edit.
    EDIT – If payment method is not 04 then error.
    ERROR MESSAGE – Must use Payment Method 04 for this TC.

25. IF Transaction Code is 03 then execute edit.
    EDIT – If ARC is not equal to Blank or 32 then error.
    ERROR MESSAGE – This TC requires a blank ARC when establishing an initial estimate amount, and an ARC 32 when increasing/decreasing an existing estimate amount.

26. IF Transaction Code is 11 then execute edit.
    EDIT – Compare the RVLA and TRANSPORTATION ALLOWANCE. If they are not the same then error.
    ERROR MESSAGE – RVLA must match the Transportation Allowance.

27. IF Transaction Code is 15 then execute edit.
    EDIT – Compare the RVLA and PROCESSING ALLOWANCE. If they are not the same then error.
    ERROR MESSAGE – RVLA must match the Processing Allowance.

28. IF Transaction Code is 01, 06, 10, 18, 19, 31, 37, 38, 40, 53, or 54 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If sales Value is less than – $0.10 or greater than $0.10 and the RVLA is greater than 0 and Sales Volume is less than or equal to 0 then error.
    ERROR MESSAGE – Sales Volume must be positive when the RVLA is positive.

29. IF Transaction Code is 01, 06, 10, 18, 19, 31, 37, 38, 40, 53, or 54 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If Sales Value is less than – $0.10 or greater than $0.10 and the RVLA is less than 0 and Sales Volume is greater than or equal to 0 then error.
    ERROR MESSAGE – Sales Volume must be negative when the RVLA is negative.

30. IF Transaction Code is 01, 06, 10, 31, 37, 38, 39, 40, 41, and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If Product Code is 03, 04, 12, 15, 16, or 39 and the RVLA is less than 0 and Gas MMBtu is greater than or equal to 0 then error.
    ERROR MESSAGE – Gas MMBtu must be negative when the RVLA is negative

31. IF Transaction Code is 01, 06, 10, 31, 37, 38, 39, 40, 41, and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If Product Code is 03, 04, 12, 15, 16, or 39 and the RVLA is greater than 0 and Gas MMBtu is less than or equal to 0 then error.
    ERROR MESSAGE – Gas MMBtu must be positive when the RVLA is positive

32. IF Transaction Code is 01, 06, 10, 31, 37, 38, 40, 53, or 54 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is greater than 0 and Sales Value is less than or equal to 0 then error.
    ERROR MESSAGE – Sales Value must be positive when RVLA is positive

33. IF Transaction Code is 01, 06, 10, 31, 37, 38, 40, 53, or 54 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is less than 0 and Sales Value is greater than or equal to 0 then error.
    ERROR MESSAGE – Sales Value must be negative when RVLA is negative

34. IF Transaction Code is 01, 10, 39, or 40 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is less than 0 and Transportation Allowance is less than 0 then error.
    ERROR MESSAGE – Transportation Allowance must be positive if RVLA is negative.

35. IF Transaction Code is 01, 10, 39, or 40 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is greater than 0 and Transportation Allowance is greater than 0 then error.
    ERROR MESSAGE – Transportation Allowance must be negative if RVLA is positive.

36. IF Transaction Code is 01, 10, 39, or 40 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is less than 0 and Processing Allowance is less than 0 then error.
    ERROR MESSAGE – Processing Allowance must be positive if RVLA is negative.

37. IF Transaction Code is 01, 10, 39, or 40 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is greater than 0 and Processing Allowance is greater than 0 then error.
    ERROR MESSAGE – Processing Allowance must be negative if RVLA is positive.

38. IF Transaction Code is 01, 02, 04, 05, 06, 10, 14, 16, 17, 18, 19, 31, 37, 38, 40, 50, 53, or 54 and Sales Date is equal to or greater than 02/2005 then execute edit.
    EDIT – If RVLA is less than zero and ARC is blank then error
    ERROR MESSAGE – RVLA must be negative when the ARC is present.

39. IF Transaction Code is 02, 03, 04, 05, 06, 07, 12, 13, 14, 16, 17, 18, 19, 21, 22, 25, 31, 37, 38, 42, 50, 51, 52, 53, 54 and RVBA is not blank or 0.00 then execute edit
    EDIT – If RVBA does not equal the RVLA then error.
    ERROR MESSAGE – If RVBA is entered it must match the RVLA or field must be blank.

40. IF Transaction Code is 21 then execute edit.
    EDIT – If RVLA is less than or equal to 0.00 then error
    ERROR MESSAGE – RVLA must be positive for this Transaction Code.

41. IF Transaction Code is 22 then execute edit.
    EDIT – If RVLA is greater than or equal to 0.00 then error.
    ERROR MESSAGE – RVLA must be negative for this Transaction Code.

42. IF Preparers Use Only field is populated then execute edit.
    EDIT – If ampersand symbol "&" is present without a space on the right and the left side then error.
    ERROR MESSAGE – Found the "&" symbol not surrounded by spaces. A space must be placed before and after the "&".

(Another possibility for preventing this error is to always place a space before and after the "&" when the reporter types "&".)

43. IF Transaction Code is 01, 15, Processing Allowance field is not equal to zero and Sales Date is equal to or greater than 01/2009 then execute edit.
EDIT – If Product Code is not equal to 07 or Product Code and agreement number combination is not found in processing_exception_table then error
ERROR MESSAGE – Processing Allowance is not allowed for Reported Product Code.

44. IF Transaction Code is 01, 06, 10, 31, 40, 42 and the Sales Date is equal to or greater than 02/2005 and sales value is not equal to 0 and Adjustment Reason Code is not equal to 17 then execute edit.
EDIT – If RVBA is populated then divide RVBA by the Sales Value. If the Royalty Rate is greater than 1 then error
ELSE –
If RVBA is blank then divide RVLA by the Sales Value. If the Royalty Rate is greater than 1 then error
ERROR MESSAGE – Royalty Rate can not be greater than 100%. Check lease terms for correct rate.

45a. IF Transaction Code is 20, 32, or 33 run edit.
EDIT – If product code is equal to 01, 02, 03, 04, 05, 06, 07,09, 12, 13, 14, 15, 16 17, 19, 20, 22, 31, 32, 33, 34, 35, 36, 37, 38, 39, 41, 42, 43, 44 then error
ERROR MESSAGE: This Transaction Code can only be used when reporting solid minerals transactions.

45b. This will be a common edit which will run on all reports.
EDIT: Compare Payor Code/Operator No. to the CUSTOMER table. IF PAYOR CODE/OPERATOR NO does not match then error
ERROR MESSAGE: Payor Code/Operator No is not valid.

46. This will be a 2014 edit which will run on all reports
EDIT: Compare Lease number on line to the ALL CONTRACT Table.
IF Lease number is found continue with edit
Compare F/I INDICATOR to the LAND_CLASS ALL_CONTRACT TABLE)
IF F/I INDICATOR IS F THEN LAND_CLASS ,must be FED or MXD if not then error.
ELSE
IF F/I INDICATOR IS I THEN LAND CLASS must be IND or MXD
IF there is no match then error
ERROR MESSAGE: Reported F/I Indicator in inconsistent with the F/I indicator on the Lease. Please check F/I Indicator and lease number.

47. This will be a 2014 edit which will run on all reports.
EDIT: Compare LEASE NUMBER on line to the ALL CONTRACT Table.
IF Lease number is found continue with edit
OR go to next edit.
IF LAND_CATEGORY is 80 and LAND_CLASS is MXD
THEN
IF F/I INDICATOR is equal to I
AND PAYMENT METHOD is not equal to 2 then error
ERROR MESSAGE: This is a CIRI Lease and requires a payment method 2 be used.

48. IF Sales Date is equal to or greater than 07/2007 product code is not blank or zero then execute edit.
EDIT: Compare LEASE NUMBER on line to the MINERAL PRODUCT CODE TABLE/FIELD CONTRACT NUMBER. Store the Minerals Product Code in temp file called Mineral_Prod_Cd.temp
IF Lease number is found continue with edit
Compare PRODUCT CODE on the Line to the PRODUCT CODE on the table
IF minerals_prod_cd does not match mineral_prod_cd.tmp minerals product code then error
ERROR MESSAGE – Product code is not valid for the lease

49. IF Sales Date is equal to or greater than 07/2007 and Transaction Code is 21 or 22 then execute edit.
       EDIT: Compare Lease number on line to the ALL CONTRACT Table.
          IF Lease number is found continue with edit
          Compare F/I INDICATOR to the LAND_CLASS (ALL_CONTRACT TABLE)
             IF F/I INDICATOR IS F
             AND LAND_CLASS ,is not FED or MXD for that lease then error
       ERROR MESSAGE: Only Federal leases are allowed for this TC

50. IF TC is equal to 01, 03, 06, 07, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 25, 31, 33, 37, 39, 40, 41, 42, 50, 51, 52, 53, 54, 60 and Sales Date is equal to or greater than 07/2007 then execute edit.
       EDIT: Calculate Report month and save as temp
          CALCULATION:
          IF Computer date is after the 10th of the month the Report Month will be the last day of the current month.
          Example: Computer date is 09/16/2006 / report date will be 09/30/2006
          IF computer date is on or before the 10th of the month the Report Month will be the end of the month for the previous month.
          For example: Computer date is 09/09/2006 / report date will be 08/31/2006
          Example: Computer date is 10/01/2006 / report date will be 09/30/2006

          Compare Sales Month to the Report Month.
          IF Sales date is greater than or equal to report date then error
      ERROR MESSAGE: The sales MO/YR must be prior to the Report Mo/Yr

51. IF TC is equal to 01, 02, 03, 04, 05, 07, 10, 11, 12, 13, 14, 15 and sales date is equal to or greater than 07/2007 then execute edit.
       EDIT: If payment method reported on the line is equal to 4 then error
       ERROR MESSAGE: Payment Method 04 is invalid for this TC

52. IF TC is 01, 06, 10, 31.37, 38, 39, 40, or 41 and sales date is equal to or greater than 07/2007 then execute edit.
       EDIT: IF Product Code is not 03, 04, 12, 15, 16, or 39 and Gas MMBtu is greater than or less than 0 then error
       ERROR MESSAGE: Gas MMBtu must not be reported for this Transaction/Product Code combination.

53. IF TC is 07 and sales month is equal to or greater than 07/2007 then execute edit.
       EDIT: IF ARC is not 0 or Blank then error
       ERROR MESSAGE: ARC must be blank for this TC

54. IF TC is 01 and ARC is equal to 16, F/Indicator is equal to I and Sales month is equal to or greater than 07/2007 then execute edit.
       EDIT: Compare LEASE NUMBER on line to the PRODUCT_MINERALS Table.
          IF Lease number is found continue with edit
          IF Indexed Indian field is = to Y then error
          ELSE   Compare product code on the line to product code on PRODUCT Table
          IF Oil and Gas Indicator is not = to G then error
      ERROR MESSAGE: Major Portion is only valid for Indian non- indexed gas leases reported after 01/01/00.

55. IF TC is 01, 06, 10, 37, 38, 40, 41, 53, 54, F/I indicator is equal to F and Sales Month is equal to or greater than 07/2007 and product code is equal to 01, 02, 05, 06, 13, 14, or 20 then execute edit.
    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.
      IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.
      GET PRICING_TABLE
      COMPARE SALES DATE to EFFECTIVE DATE
      IF PRICE_TEMP is less than MIN_FED_SALES_UNIT_PRICE then error
      ELSE
      IF PRICE_TEMP is greater than MAX_FED_SALES_UNIT_PRICE then error
    ERROR MESSAGE: FED sales not within price limits for specified Product Code of Oil

56. IF TC is 01, 06, 10, F/I indicator is equal to I and Sales Month is equal to or greater than 07/2007 and product code is equal to 01, 02, 05, 06, 13, 14, or 20 then execute edit.
    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.
      IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.
      GET PRICING_TABLE
      COMPARE SALES DATE to EFFECTIVE DATE
      IF PRICE_TEMP is less than MIN_IND_SALES_UNIT_PRICE then error
      ELSE
      IF PRICE_TEMP is greater than MAX_IND_SALES_UNIT_PRICE then error
    ERROR MESSAGE: IND sales not within price limits for specified Product Code of Oil

57 IF TC is 01, 06, 10, 37, 38, 40, 41, 53, 54, F/I indicator is equal to F and Sales Month is equal to or greater than 07/2007 and product code is equal to 03, 04, 12, 15, 16 or 39 then execute edit.
    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.
      IF GAS MMBTU is not null, Let PRICE equal SALES VALUE /GAS MMBTU store (absolute value) PRICE as PRICE_TEMP.
      GET PRICING_TABLE
      COMPARE SALES DATE to EFFECTIVE DATE
      IF PRICE_TEMP is less than MIN_FED_GASMMBTU_UNIT_PRICE then error
      ELSE
      IF PRICE_TEMP is greater than MAX_FED_GASMMBTU_UNIT_PRICE then error
    ERROR MESSAGE: FED sales not within price limits for specified Product Code of GAS

58. IF TC is 01, 06, 10, F/I indicator is equal to I and Sales Month is equal to or greater than 07/2007 and product code is equal to 03, 04, 12, 15, 16, or 39 then execute edit.
    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.
      IF GAS MMBTU is not null, Let PRICE equal SALES VALUE /GAS MMBTU store (absolute value) PRICE as PRICE_TEMP.
      GET PRICING_TABLE
      COMPARE SALES DATE to EFFECTIVE DATE
      IF PRICE_TEMP is less than MIN_IND_GASMMBTU_UNIT_PRICE then error
      ELSE
      IF PRICE_TEMP is greater than MAX_IND_GASMMBTU_UNIT_PRICE then error
    ERROR MESSAGE: IND Sales not within price limits for specified Product Code of GAS

59. IF TC is 21, 22 and Sales Month is equal to or greater than 07/2007 then execute edit.
    EDIT: Compare product code to product code on PRODUCT_CODE Table
      IF Oil and Gas Indicator is not = to G then error
    ERROR MESSAGE: Product Must be Oil and Gas

60. IF TC is 05 and Sales Month is equal to or greater than 07/2007 then execute edit.
    EDIT: Compare Lease Number to contract number on PROVISIONS table
        IF TYPE is equal to RENT then error
    ERROR MESSAGE: TC is invalid for non-recoupable leases TC should be 04

61. IF TC is 04 and Sales Month is equal to or greater than 07/2007 then execute edit.
    EDIT: Compare Lease Number to contract number on PROVISIONS table
        IF TYPE is equal to RCPRN then error
    ERROR MESSAGE: TC is invalid for recoupable leases TC should be 05

62. IF TC is equal to 01 and ARC is equal to 15 and Sales Month is equal to or greater than 07/2007 then
    execute edit.
    EDIT: IF AGREEMENT is blank then error
    ERROR MESSAGE: Agreement Number is required for ARC 15 Marginal Property True Up

63. IF TC is equal to 13, 60 and Sales Month is equal to or greater than 07/2007 then execute edit.
    EDIT: Product Code is not equal to 01 or 02 then error
    ERROR MESSAGE: Product Code Must be 01 or 02

64. If TC is equal to 15 and Sales Month is equal to or greater than 07/2007 then execute edit.
    EDIT: If Processing Allowance field is blank or 0.00 then error
    ERROR MESSAGE: Processing allowance cannot be zero

65. IF TC is equal to 01, 11, 12, 14, 15, 20, 41. 53, 54, 60
    EDIT: IF Sales Date is greater than or equal to 10/2001 and Sales Type is equal to Z999 or Z700
        then error
    ERROR MESSAGE: Z999 or Z700 Sales Type Cannot be used for Sales Months after 09/2001

    COMMENTED OUT. Currently does not run

66. IF TC is equal to 01, 06, 10, 31 and product code is equal to 01, 02, 03, 04, 06, 07, 09, 12, 13, 14, 15,
    16, 17, 19, 20, 22, 31, 32, 33, 34, 35, 36, 37, 38, 39, 41, 42, 43, 44 and Sales Date is greater than or
    equal to 01/2009 then run edit
    EDIT: IF RVPA > 2 or RVPA < -2, AND if the F/I indicator is = 'I', and the sales value <> 0.
        THEN Divide RVPA by the sales value on the detail line giving the calculated royalty rate,
        Store calculated royalty rate 6 digits from the decimal in temp file temp royalty_rate.
    Compare Lease Number to contract number on ROYALTY RATE table
    Compare sales date to eff_date
    Compare product code to product code
        IF Product code matches the product code on the table use that royalty rate
        IF equal use that line
        IF calc_method is not equal to S and Rate_per is not equal to 0.000000
            THEN compare Rate_per to temp royalty_rate
        IF temp royalty _rate is greater than or less than rate_per and not within the tolerance_table
        then error
        ELSE
        IF RATE_per is equal to 0.000000
            THEN compare temp royalty_rate to low_rate and high_rate
        IF temp royalty_rate is not equal to or between the low_rate and high_rate and not within the
        tolerance_table then error
    ERROR MESSAGE: Calculated Indian royalty rate is not consistent with the lease royalty rate

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67. IF ARC is equal to 15 and sales date is greater than or equal to 01/2009 then run edit
EDIT: Compare the lease number on the line to the ALL_CONTRACT TABLE CONTRACT NUMBER
IF CONTRACT NUMBER is found and LAND CLASS is IND then error
ERROR MESSAGE: ARC 15 (Marginal Property True Up) is invalid for Indian leases

68. IF TC is equal to 03, ARC is blank and Sales Date is greater than or equal to 01/2009 then run edit
EDIT: Look at Payor Code and Lease Number use TABLE LAB_EST and find estimate balance.
IF found then error
ERROR MESSAGE: An estimate balance exists so the ARC must be 32.

69. IF TC is equal to 03, ARC is 32 and Sales Date is greater than or equal to 01/2009 then run edit
EDIT: Find Payor Code and Lease Number use TABLE LAB_EST.
IF Payor Code and Lease Number is not found then error
ERROR MESSAGE: An estimate balance does not exist so the ARC must be blank.

70. IF TC is equal to 01, 06, 10, 45 and ARC is 15. Sales date is greater than or equal to 01/2009 then run edit
EDIT: Compare Agreement number to contract number on PROVISIONS table
IF TYPE is not equal to MARGP then error
ERROR MESSAGE: TC is invalid because the lease is not a Section 6 Marginal Property.

71. IF TC is equal to 01, 10, 15, 43, 46, 49 and sales date is greater than or equal to 01/2009 then run edit.
EDIT: Use Product Code reported on the line is 01 and compare with Product Code field on Product_Code table
IF Oil_Gas_Ind is equal to O and processing allowance field is greater than or less than 0 then error.
ERROR MESSAGE: Processing Allowance cannot be reported for a Product Type of Oil.

72. IF TC is equal to 13, 60 and sales date is greater than or equal to 01/2009 then run edit.
EDIT: If Product Code reported on the line is not 01 or 02 then error
ERROR MESSAGE: Product Code must be 01 or 02.

73. IF TC is equal to 03, RVLA Less than 0 and sales date is greater than or equal to 01/2009 then run edit.
EDIT: Find Payor Code/Lease No. combination in LAB_EST_TABLE. Compare RVLA to Estimate Balance.
IF the absolute value of the RVLA is greater than the Reported Amount field on the LAB_EST table then error
ERROR MESSAGE: Estimate recoupment amount cannot be greater than current estimate balance

74. IF TC is equal to 50, 51, RVLA Less than 0 and sales date is greater than or equal to 01/2009 then run edit.
EDIT: Find Payor Code/Lease No. combination in LAB_RECOUPBAL_TABLE. Compare RVLA to Summed Amount field on the LAB_RECOUPAL table.
IF the absolute value of the RVLA is greater than the Recoupable balance then error
ERROR MESSAGE: recoupment amount cannot be greater than current estimate balance

75. IF TC is equal to 04, 05, 25 RVLA Less than 0 and sales date is greater than or equal to 01/2009 then run edit.
    EDIT: Find lease No. on line in LAB_TABLE.
       MOVE sales date on line to TEMP_LAB_DATE. Add last day of the month to the date save as temp_sales_date.
       Compare temp_sales_date to LAB Date. Is there a LAB date within the past 12 months?
       IF found is absolute value of RVLA greater than the balance then error
    ***NOTE:** TAKE LEAP YEAR INTO CONSIDERATION

76. IF TC is equal to 06 and the ARC is 20 or 21 and sales date is greater than 01/2009 then run edit.
    EDIT: If ARC is equal to 20 and RVPA is greater than or less than 0 then error
       OR IF ARC is equal to 21 and RVPA is equal to 0 then error
    ERROR MESSAGE: Royalty Value Prior to Allowance must not be zero

77. IF TC is equal to 03 and Sales Date is equal to or greater than 01/2009 then execute edit.
    EDIT: Calculate Report month and save as temp
             CALCULATION:
             IF Computer date is after the 10th of the month the Report Month will be the last day of the current month.
             Example: Computer date is 09/16/2006 / report date will be 09/30/2006
             IF computer date is on or before the 10th of the month the Report Month will be the end of the month for the previous month.
             For example: Computer date is 09/09/2006 / report date will be 08/31/2006
             Example: Computer date is 10/01/2006 / report date will be 09/30/2006

             Compare Sales Month to the Report Month.
             IF Sales date is not one month prior to the Report date then error
    ERROR MESSAGE: The sales MO/YR must be one month prior to the Report Date.

78. IF TC is equal to 21, 22 then execute edit
    EDIT: Compare sales date to 01/1997 if less than then error
    ERROR MESSAGE: Sales MO/YR must be greater than or equal to 01/1997

79. Common Edit runs on all lines
    EDIT: Compare reported Sales MO/YR to (Current year + 5 years)
       IF Reported Sales Month year is greater
       Or Reported Sales year is less than 1983 then error.
    ERROR MESSAGE: Sales Month cannot be greater than current year plus 5 years or less than year 1983.

80. IF Transaction Code is 39, 41, 43, 44, 45, 47, 48, 49 and sales value is not blank or 0.00 then execute edit
    EDIT – If Sales Value is greater than 0 and Sales Volume is less than or equal to 0 then error.
    ERROR MESSAGE – Sales Volume must be positive if the Sales Value is Positive.

81. Common edit – will run on all lines where ARC is not equal to blank and sales date equal to or greater than 01/2009.
    EDIT: Compare fields ARC and TC online to fields ARC and TC in the ARC_TO_TC_Table if combination is not found then error.
    ERROR MESSAGE: ARC is invalid for the TC.

82. IF Transaction Code is 17, 18, or 19 and sales date is equal to or greater than 01/2009 then execute edit.
   EDIT: Look at Lease Number on line and compare to Contract Number in the ALL_CONTRACTS Table. If found look at Contract field and where contract type equal GSA. If not found then error.
   ERROR MESSAGE: TC is only valid for gas storage agreements.

83. IF Transaction Code is 04, 05, 25 and sales date is equal to or greater than 01/2009 then execute edit.
   EDIT: Compare reported lease number to provisions table. If no rent provision exists for that sales date then error
   ERROR MESSAGE: Rent provision not found

84. IF Transaction Code is 16 and sales date is equal to or greater than 01/2009 then execute edit.
   EDIT: Compare reported lease number to provisions_other table. If no WLLFE provision exists for that sales date then error
   ERROR MESSAGE: Well Fee provision not found

85. IF Transaction Code is 17 and sales date is equal to or greater than MM/YYYY then execute edit
   EDIT: Compare reported lease number to provisions_other table. If no STGFE provision exists for that sales date then error
   ERROR MESSAGE: Gas Storage Flat fee Provision not Found

86. IF Transaction Code is 18 and sales date is equal to or greater than MM/YYYY then execute edit
   EDIT: Compare reported lease number to provisions_other table. If no INJCT provision exists for that sales date then error
   ERROR MESSAGE: Gas storage injection fee provision not found

87. IF Transaction Code is 19 and sales date is equal to or greater than MM/YYYY then execute edit
   EDIT: Compare reported lease number to provisions_other table. If no WTHDR provision exists for that sales date then error
   ERROR MESSAGE: Gas storage withdrawal fee provision not found

88. IF Transaction Code is 12 and sales date is equal to or greater than MM/YYYY then execute edit
   EDIT: Compare reported lease number to provisions_other table. If no SVTAX provision exists for that sales date then error
   ERROR MESSAGE: TC is invalid for leases without severance tax provisions

89. This edit will run on all lines.
   EDIT: Compare reported lease number and sales date combination to ALL_CONTRACTS table contract Number and lease anniversary date. If sales date is before the lease anniversary date then error
   ERROR MESSAGE: Sales MO/YR must be after the lease anniversary date.

90. IF TC is equal to 04 or 05 do not run edit.
   EDIT: Compare reported lease number and sales date combination to contract_number and effective_date If lease number is found and effective date = the greatest date less than the sales date on the detail line and effective status is A and contract_status_code is equal to TRMNT or RELNQ then error
   ERROR MESSAGE: Sales MO/YR must be prior to the lease termination date or relinquished date.

   COMMENTED OUT – Does not currently run.

91. IF TC is equal to 01, 06, 10, 31 and product code is equal to 01, 02, 03, 04, 06, 07, 09, 12, 13, 14, 15, 16, 17, 19, 20, 22, 31, 32, 33, 34, 35, 36, 37, 38, 39, 41, 42, 43, 44 and Sales Date is greater than or equal to 01/2009 then run edit

    EDIT: IF RVPA > 2 or RVPA < -2, AND if the F/I indicator is = 'F', and the sales value <> 0.

        THEN Divide RVPA by the sales value on the detail line giving the calculated royalty rate, Store calculated royalty rate 6 digits from the decimal in temp file temp royalty_rate.

        Compare Lease Number to contract number on ROYALTY RATE table

        Compare sales date to eff_date

        Compare product code to product code

        IF Product code matches the product code on the table use that royalty rate

        IF equal use that line

            IF calc_method is not equal to S and Rate_per is not equal to 0.000000

            THEN compare Rate_per to temp royalty_rate

            IF temp royalty _rate is greater than or less than rate_per and not within the tolerance_table then error

            ELSE

                IF RATE_per is equal to 0.000000

                THEN compare temp royalty_rate to low_rate and high_rate

                IF temp royalty_rate is not equal to or between the low_rate and high_rate and not within the tolerance_table then error

    ERROR MESSAGE: Calculated Federal royalty rate is not consistent with the lease royalty rate

92. IF TC is 01, 06, 10, 37, 38, 40, 41, 53, 54, F/I indicator is equal to F and Sales Month is equal to or greater than 01/2009 and product code is equal to 07 then execute edit.

    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.

        IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.

        GET PRICING_TABLE

        COMPARE SALES DATE to EFFECTIVE DATE

        IF PRICE_TEMP is less than NGLS MIN_PRICE then error

        ELSE

        IF PRICE_TEMP is greater than NGLS MAX_PRICE then error

    ERROR MESSAGE: FED sales not within price limits for NGLS

93. IF TC is 01, 06, 10, F/I indicator is equal to I and Sales Month is equal to or greater than 01/2009 and product code is equal to 07 then execute edit.

    EDIT: IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.

        GET PRICING_TABLE

        COMPARE SALES DATE to EFFECTIVE DATE

        IF PRICE_TEMP is less than NGLS MIN_PRICE then error

        ELSE

        IF PRICE_TEMP is greater than NGLS MAX_PRICE then error

    ERROR MESSAGE: IND sales not within price limits for NGLS

94. IF TC is 01, 06, 10, 37, 38, 40, 41, 53, 54, F/I indicator is equal to F and Sales Month is equal to or greater than 01/2009 and product code is equal to 22 then execute edit.

    EDIT: If the RVLA is less than or equal to 2.00 or greater than or equal to -2.00 by pass the edit.

        IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.

        GET PRICING_TABLE

        COMPARE SALES DATE to EFFECTIVE DATE

        IF PRICE_TEMP is less than HELIUM MIN_PRICE then error

        ELSE

        IF PRICE_TEMP is greater than HELIUM MAX_PRICE then error

    ERROR MESSAGE: FED sales not within price limits for HELIUMI

95. IF TC is 01, 06, 10, F/I indicator is equal to I and Sales Month is equal to or greater than 01/2009 and product code is equal to 22 then execute edit.
    EDIT: IF SALES VOLUME is not null, Let PRICE equal SALES VALUE /SALES VOLUME store (absolute value) PRICE as PRICE_TEMP.
        GET PRICING_TABLE
        COMPARE SALES DATE to EFFECTIVE DATE
        IF PRICE_TEMP is less than HELIUM MIN_PRICE then error
        ELSE
        IF PRICE_TEMP is greater than HELIUM MAX_PRICE then error
    ERROR MESSAGE: IND sales not within price limits for HELIUM

96. IF TC is 01, 06, 10, 37, 38, 40, 41, 43, 44, 45, 46, 47, 48, 49 53, 54, and Sales Month is equal to or greater than 01/2009 and Gas MMbtu is not blank and USE ALL_CONTRACT Table IF LAND_CAT for the reported lease on the line if not equal to 70 then execute edit.
    EDIT: Calculate the btu factor GAS MMBTU / SALES VOLUME. Store in BTU_TEMP.
        GET BTU_FACTOR_TABLE
        USE FIELDS LOW, HIGH to find correct btu factor on table
        COMPARE BTU_TEMP to BTU_TABLE
        IF BTU_TEMP and BTU_TABLE are not within or equal to the range then error
    ERROR MESSAGE: BTU factor not within acceptable limits

Edit – Warnings

MRM receives numerous errors on the MMS Lease Number, MMS Agreement Number, and Agency Lease/Agreement Number fields. To decrease these errors in an upfront (reporter) edit, these fields must be compared to an actual MRM file of valid Leases and Agreement and Agency Assigned Numbers. MRM Reporting Services indicates it is possible to provide these three files to use for editing these fields. It is recommended by MMS that these files be posted to a Web site for subsequent downloading. Reporters could then access the same information (for example, when there is a question about whether spacing is correct). Perhaps a search command could also be used. MRM Reporting Services indicated that the files will be updated on a monthly basis.

These Lease or Agreement Number and Agency Lease/Agreement Number edits cannot stop the document from being sent. Often the reporter may enter a valid Lease/Agreement number but it may not exist in the MRM reference data files. Therefore, these edits must be created as WARNINGS. For example, if an error is identified, the field will be highlighted (in color) so reporters will be more likely to notice the warnings.

Form 2014 Lease/Agreement Number Edits

1. IF Lease Number field is present then execute edit.
    EDIT – Compare Lease Number with contents of the MRM valid lease file. If Lease Number does not match any lease number contained in the file then error.
    ERROR MESSAGE – Lease Number does not exist in the MRM valid lease file. If Lease Number or its' formatting is not corrected an error will occur when processed by MRM. This warning will not stop you from sending.

    (Field will remain highlighted unless condition is corrected).

2. IF Agreement Number field is present then execute edit.
    EDIT – Compare Agreement Number with contents of the MRM valid agreement file.   If Agreement Number does not match any agreement number contained in the file then error.
    ERROR MESSAGE – Agreement Number does not exist in the MRM valid agreements file. If Agreement Number or its' formatting is not corrected an error will occur when processed by MRM. This warning will not stop you from sending.

    (Field will remain highlighted unless condition is corrected).

3. IF Agreement No. field is not blank and the lease number and agreement number fields are valid then execute edit.
    EDIT: Compare Lease Number to XREF_CON Table where contract number equal the agreement number on the detail line, field RELAT-CON-NBR equal the contract number of the detail, Effective status is A, and effect date = the greatest date less than the sales date on the detail line. If not found then error.
    ERROR MESSAGE – Agreement Number not related to reported lease

    (Line will remain highlighted unless condition is corrected).

POSSIBLE FUTURE 2014 ELECTRONIC EDITS

API Well Number must contain a valid value
If sales date is after 08/2001 and provision type shows well level reporting is required. Contract is active and API well number is missing or invalid (compares reported well no to Well Header Table) then error

Minimum royalty or minimum royalty paid in advance provision not found
TC 02, 52
Compares reported contract no. to table and checks provisions
If no Minimum Royalty or Minimum Royalty Paid in Advance provision exists for that sales date then error

Fund Adjustment Record must exist for ARC 16
TC 01, 43, 46, 49
Document reported is Indian
    ARC is 16
    Product Code is Gas
A fund adjustment record for the reported sales date must exist for the distributee code attached to the reported lease on 2014 detail line.

Cannot recoup unless min roy paid in adv provision is established for lease
TC 52
Checks All contracts table for provision if provision does not exist then error

Lease is not producing
TC 01, 03, 06, 10, 11, 12, 13, 14, 15, 16, 25, 31, 37, 38, 39, 40, 41, 42, 43, 52, 53, 54, 60, 44, 45, 46, 47, 48, 49
Checks contract status to see if lease is producing for that sales date if not then error

Trans Allowance cannot be reported for Offshore Continental Shelf Sec 6 Leases
TC 01, 11, 43, 46, 49
Checks All Contracts Table/ZRF_ST_CNTY for Section 6 lease
   If Section 6 and Transportation Allowance is not null then error
added Section 6 lease to description. Downgraded edit to warning

Credit Doc ID #1 is invalid
Credit does not match Cred1 Doc ID or system (will not check if Cred1Doc ID is blank)

Credit Doc ID #2 is invalid
Credit does not match Cred1 Doc ID or system (will not check if Cred1Doc ID is blank)

Credit Doc ID #3 is invalid
Credit does not match Cred1 Doc ID or system (will not check if Cred1Doc ID is blank)

Reported Credit amount #1 is greater than the Credit Balance
Credit amount1 is greater than unapplied credit value

Reported Credit amount #2 is greater than the Credit Balance
Credit amount1 is greater than unapplied credit value

Reported Credit amount #3 is greater than the Credit Balance
Credit amount1 is greater than unapplied credit value

Credit Amount #1 must contain a value
If credit ID is reported and there is no Cred1Amount then error

Credit Amount #2 must contain a value
If credit ID is reported and there is no Cred2Amount then error

Credit Amount #3 must contain a value
If credit ID is reported and there is no Cred3 Amount then error

RVPA must match the RVLA
TC 02,03,04,05,07,12,13,14,16,17,18, 19,21,22,25,31,32,33,37,38,41,42,50,51, 52, 53,54, 44, 45, 47, 48,
C1, C2, C3, C4
Compare the RVPA to the RVLA.. If RVPA does not equal the RVLA, then error.

Must be offshore lease – Only offshore leases are allowed for this type of relief.
TC 44, 45, 46

Only mineral production code '01' is allowed for this type of relief.
TC 43, 44, 45, 46, 47, 48, 49

8(g) properties not allowed – Only non-8(g) properties are allowed for this type of relief
TC 41

Not Alaska property - Only Alaska properties are allowed for this type of relief.
TC 45, 46

Not Gas Hydrates Product Code - The product code must be Gas Hydrates for this type of relief.
TC 47

All Payment Method '06' lines must net to zero
TC C1, C2, C3, C4

Only royalty transactions can be offset by this credit
TC 06, 01, 08, 10, 11, 15, 40, 53, 54

A transaction offset by this credit must be reported with a lease with 100% Federal Treasury distribution
TC C1

Invalid Credit Contract Number
TC C1, C2, C3, C4

The credit distribution and the distribution of the offset lines must match
TC C1, C2

Credit transactions must have a payment method '06'
TC C1, C2, C3, C4

There is an insufficient CAB balance for this credit
TC C1, C2

The reported lease is not associated (LTOC subdivision) to a credit on this document
TC 01, 06, 08, 10, 11, 15, 40, 53, 54

The transaction offset by this credit must have the same mineral production code as the credit
TC C3, C4

The Payor must be valid for the Sales Month
TC C1, C2, C3, C4

The credit contract must be active for the Sales Month
 TC C1, C2, C3, C4

If the credit line has a positive RVLA, it must have an ARC
TC C1, C2, C3, C4

The transaction code must be valid for the Contract Type
TC C1, C2, C3, C4

Adj for sales mnths more than 6 yrs plus 1 mnth prior to receipt mnth not allowed for Fed leases
TC 01, 06, 10, 31, 37, 38, 40, 53, 54

Runs on Federal only. The sales date will be used to determine the adjustments over/under 6 years.
Takes sales date subtracts 6 years and 1 month. Anything reported prior to that date will have the error.