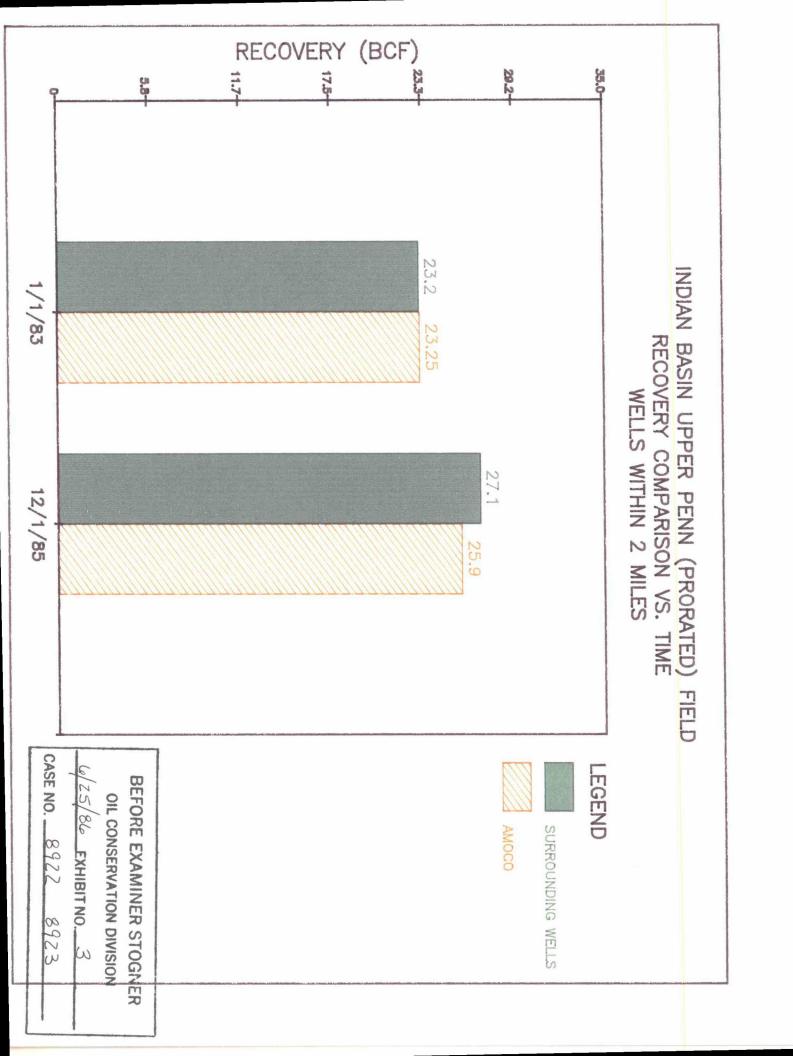
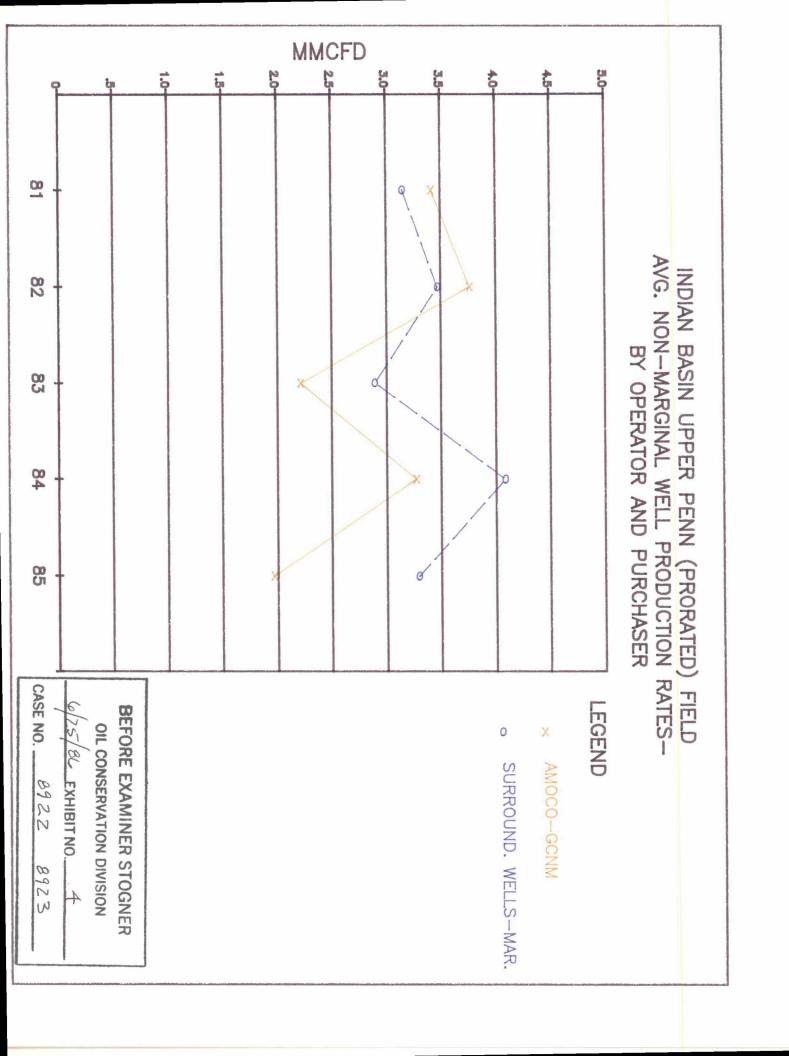
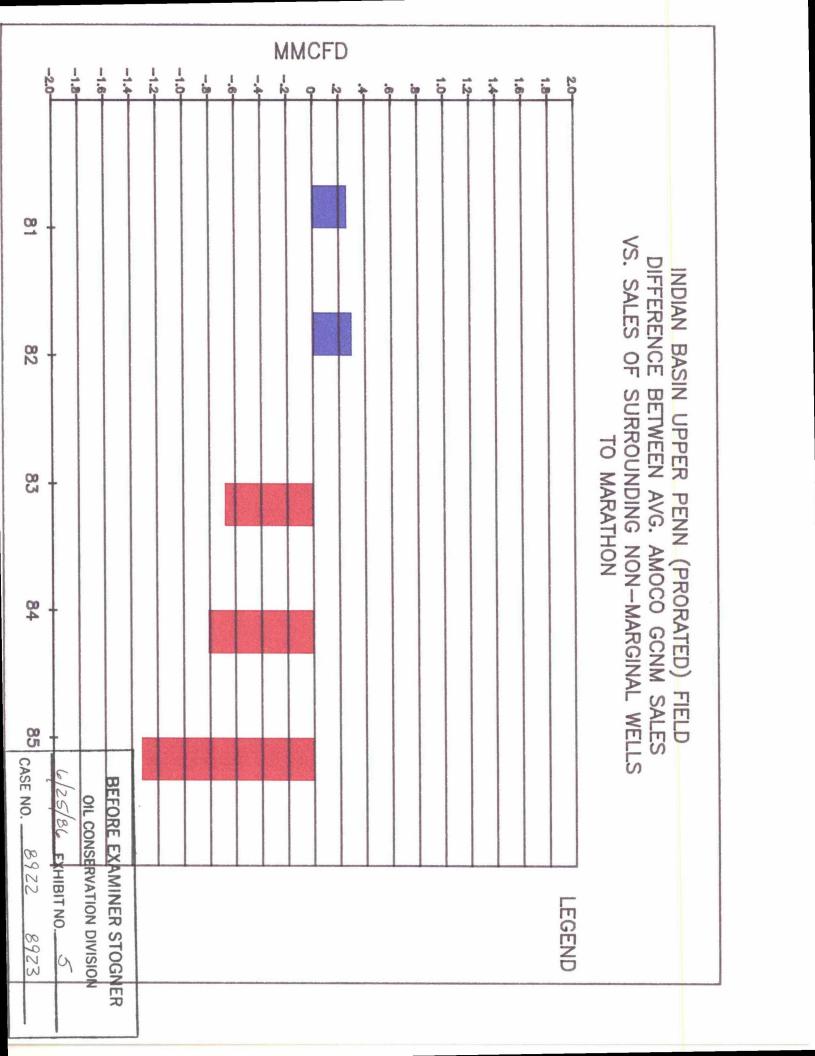
Indian Basin (Upper Penn) Smith Federal Gas Com 12-1

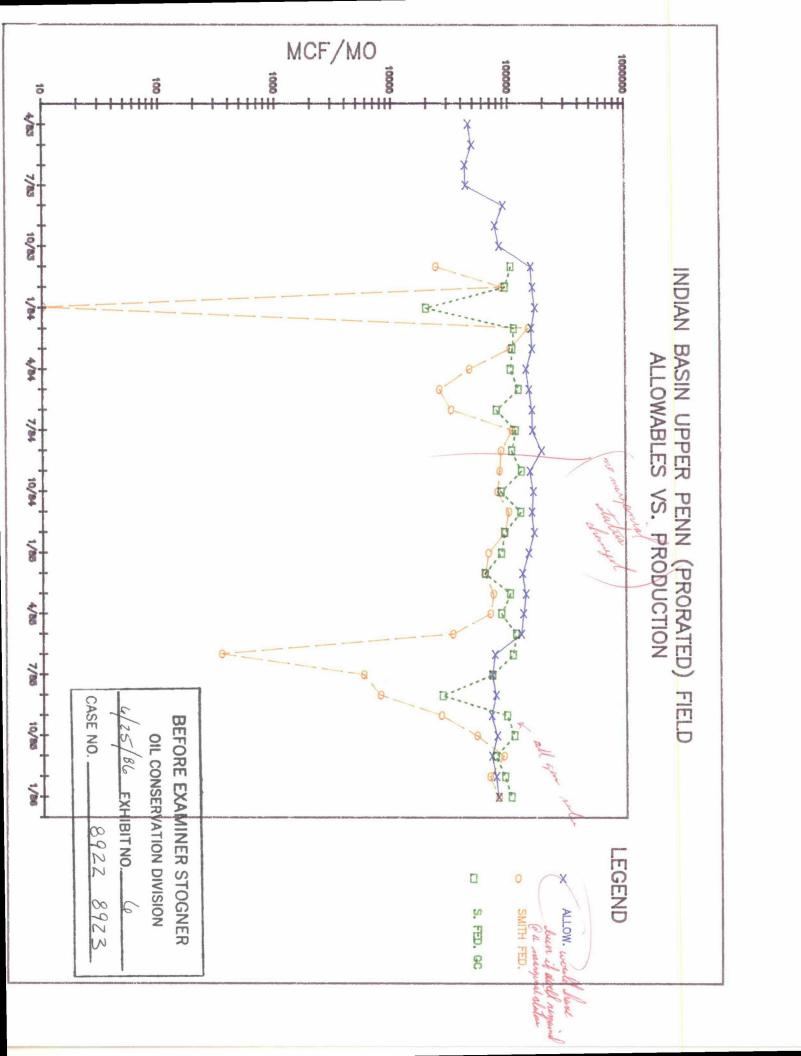
| Date | Production MCF/MO | Allowable MCF/MO | Difference | Proration Status |
|-------|----------------------|---------------------|------------|---------------------|
| 11/83 | 103751 | 155864 | -52113 | 302489 |
| 12/83 | 92650 | 160707 | -68057 | 234432 |
| 1/84 | 19483 | 168733 | -149250 | 85182 |
| 2/84 | 109452 | 156154 | -46702 | 38480 |
| 3/84 | 106624 | 158888 | -52264 | -13784 |
| 4/84 | 102499 | 140580 | -38081 | -51865 |
| 5/84 | 120561 | 148939 | -28378 | -80243 |
| 6/84 | 77721 | 158310 | -80589 | -160832 |
| 7/84 | 113606 | 159556 | -45950 | -206782 |
| 8/84 | 105058 | 190771 | -85713 | -292495 |
| 9/84 | 127101 | 151250 | -24149 | -316644 |
| 10/84 | 84610 | 161533 | -76923 | -393567 |
| 11/84 | 124628 | 156698 | -32070 | -425637 |
| 12/84 | 90335 | 163670 | -73335 | -498972 |
| 1/85 | 84686 | 146327 | -61641 | -560613 |
| 2/85 | 61205 | 129080 | -67875 | -628488 |
| 3/85 | 100761 | 137993 | -37232 | -665720 |
| 4/85 | 84235 | 131111 | -46876 | -712596 |
| 5/85 | 112941 | 125704 | -12763 | -725359 |
| 6/85 | 106162 | 74425 | 31737 | -693622 |
| 7/85 | 70016 | 70377 | -361 | -693983 |
| 8/85 | 26368 | 75788 | -49420 | -743403 |
| 9/85 | 94237 | 69222 | 25015 | -718388 |
| 10/85 | 108205 | 77330 | 30875 | -687513 |
| 11/85 | 74816 | 69522 | 5294 | - 682219 |
| 12/85 | 89179 | 75733 | 13446 | -668773 |
| 1/86 | 102006 | 79240 | 22766 | -646007 |
| 2/86 | 117310 | 72402 | 44908 | -601099 |

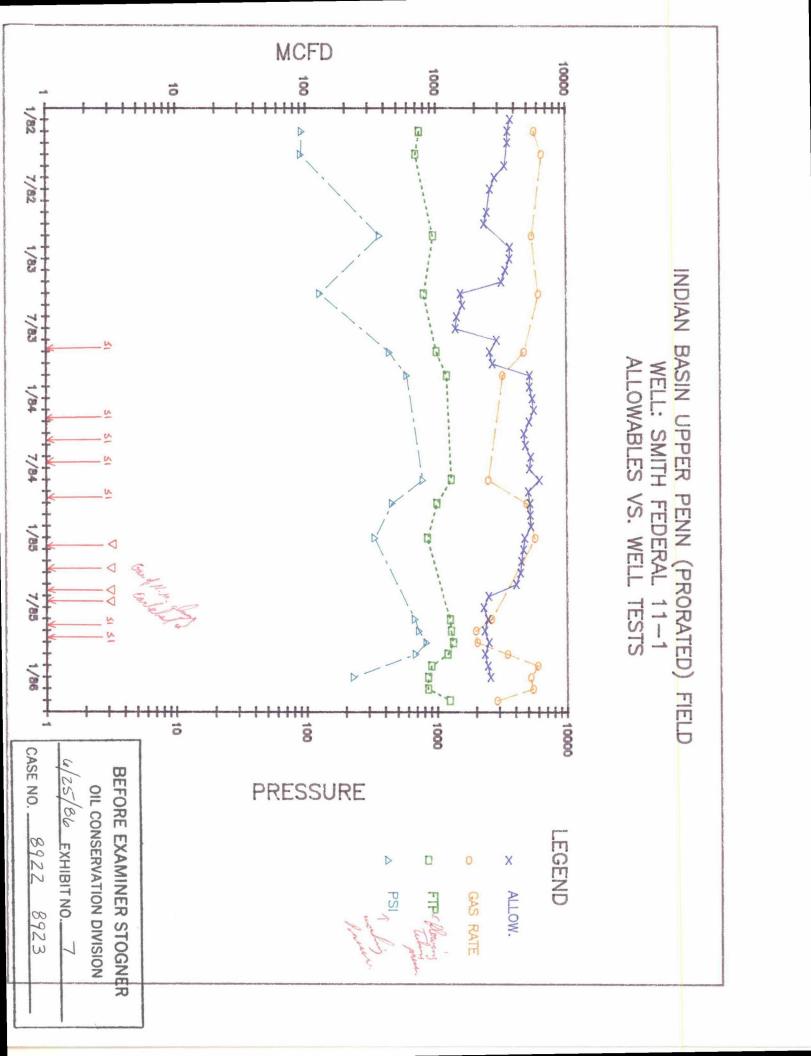
| | | R STOGNER | |
|---------------|-------------------------|-----------|--|
| | ONSERVATIO | | |
| <u>6/25/8</u> | <u>& E</u> XHIBIT N | 0. 17 | |
| CASE NO | 8922 | 8923 | |

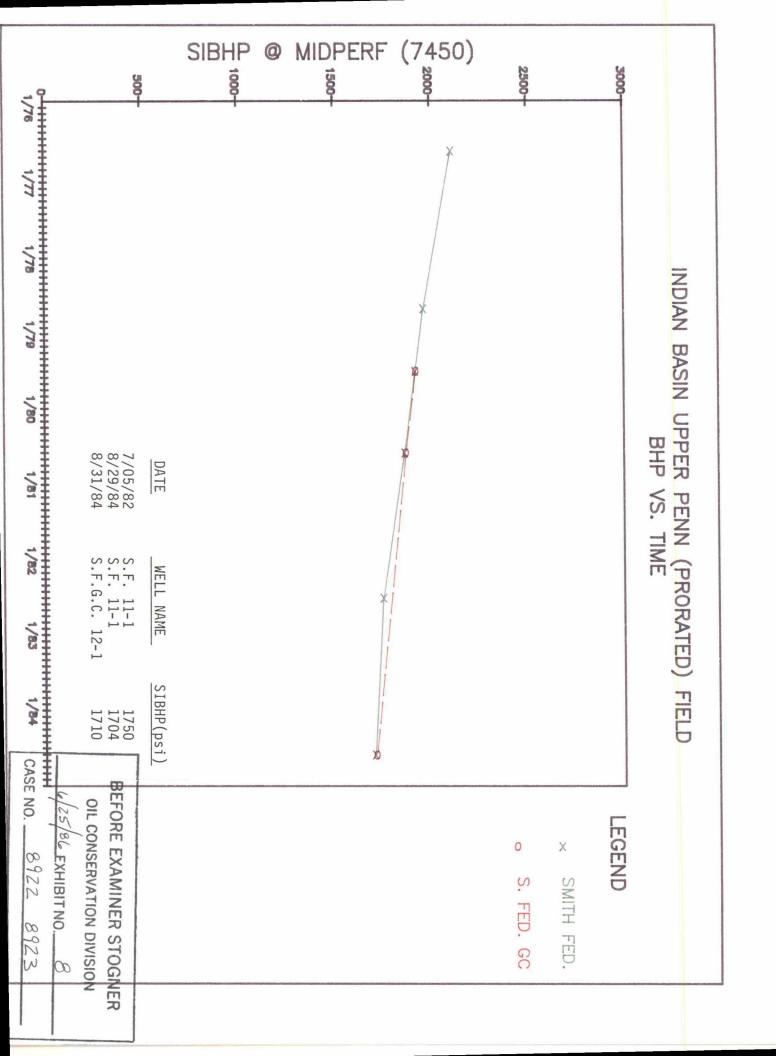












GAS COMPANY OF NEW MEXICO COMPARISON OF NOMINATIONS WITH ALLOWABLES (ALL VOLUMES ARE IN MCF) 1984

SMITH FEDERAL 11-1

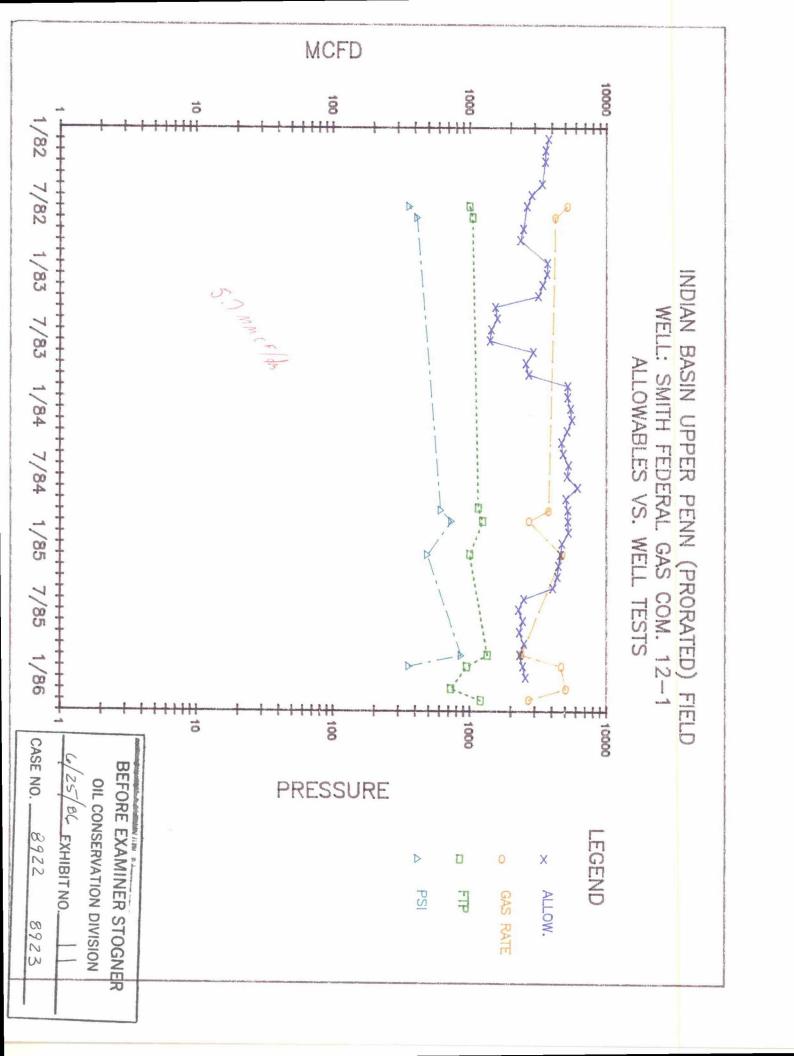
| MONTH | TOTAL NOMINATION | NON-MARGINAL NOMINATION | NON-MARGINAL ALLOWABLE | ACTUAL PRODUCTION | COMMENTS |
|-------|------------------|----------------------------|---------------------------|-------------------|-------------------------|
| Jan. | 350,000 | 330,687 | 168,733 | | |
| Feb. | 160,000 | 142,248 | 156,154 | 147,606 | GCNM Req'd shut-in 2/17 |
| Mar. | 100,000 | 100,000 | 158,888 | 102,131 | • |
| Apr. | 125,000 | 106,903 | 140,580 | 45,895 | GCNM Req'd shut-in 4/12 |
| May | 150,000 | 133,679 | 148,939 | 25,353 | • |
| June | 125,000 | 114,216 | 158,310 | 31,960 | GCNM Req'd shut-in 6/16 |
| July | 100,000 | 100,000 | 159,556 | 105,617 | · |
| Aug. | • | WELL(S) | RECLASSIFIED AS | MARGINAL | |

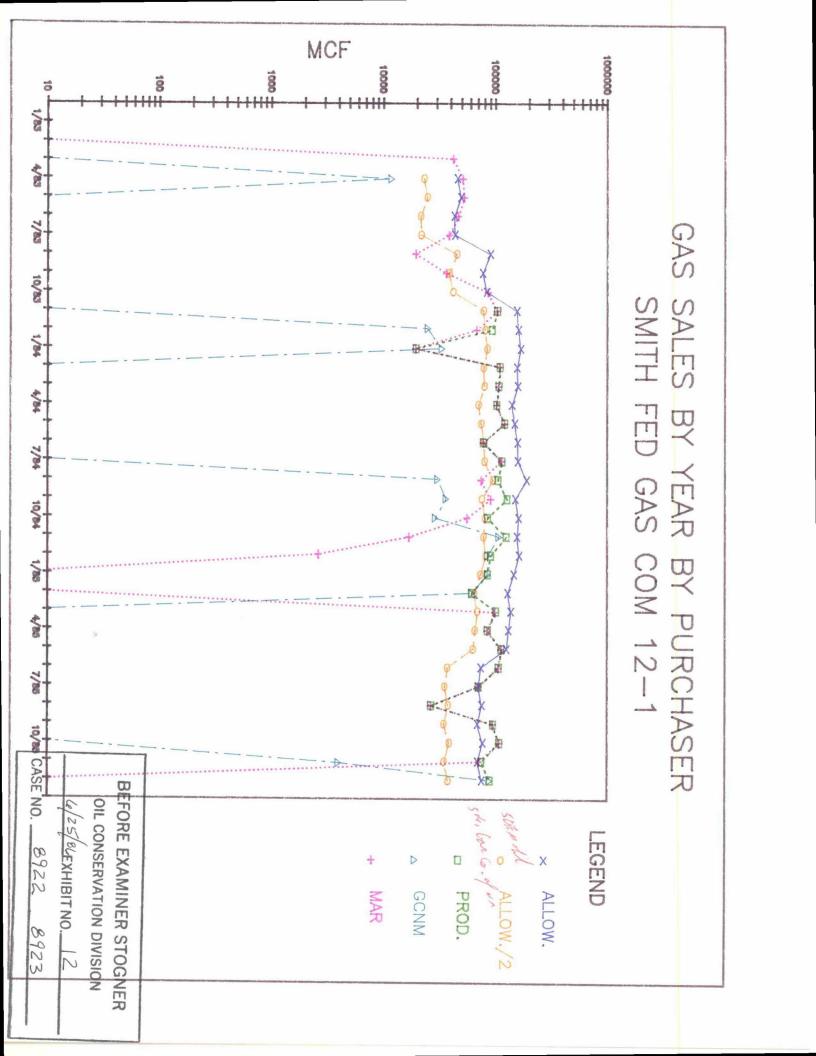
BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
6/25/86 EXHIBIT NO. 9

CASE NO. 8922 8923

| and the second s | 유수학 기계 현실 시간 전 경기 현실 등 기계 | garan da araba da ar Baran da araba da ar |
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| M 1.00 41 SIN UNIT GAS | we t |
| SANTO COMPAN CO STATE GA | # 640 CAT TERR |
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GAS SALES BY YEAR, BY PURCHASER SMITH FED GAS COM 12-1 (MCF)

| | 19 | 985 | 19 | 84 | 19 | 33 |
|----------------------------|------------------|----------|-----------|----------|-----------|---------|
| | GCNM | MAR | GCNM | MAR | GCNM | MAR |
| January | 84,686 | 0 | 33,046 | 19,483 | 0 | 0 |
| February | 61,204 | 0 | 0 | 109,452 | 0 | 0 |
| March | 0 | 100,761 | 0 | 106,624 | 0 | 42,801 |
| April | 0 | 84,235 | 0 | 102,499 | 11,667 | 51,024 |
| May | 0 | 112,941 | 0 | 120,561 | 0 | 52,591 |
| June | 0 | 106,162 | 0 | 77,721 | 0 | 46,629 |
| July | 0 | 70,016 | 0 | 113,606 | 0 | 38,589 |
| August | 0 | 26,368 | 30,820 | 74,237 | 0 | 19,441 |
| September | 0 | 94,237 | 36,226 | 90,875 | 0 | 36,266 |
| October | 0 | 108,205 | 28,904 | 55,706 | 0 | 85,288 |
| November | 4,021 | 70,795 | 107,777 | 16,851 | 0 | 103,751 |
| December | 89,177 | 0 | 85,147 | 2,594 | 24,880 | 67,770 |
| TOTAL | 239,088 | 773,720 | 321,920 | 890,209 | 36,547 | 544,150 |
| Prorated Non- Allowable | Marg. 591,306 | 591,306 | 957,541 | 957,541 | 527,814 | 527,814 |
| IMBALANCE | (352,218) | +182,414 | (635,621) | (67,332) | (491,267) | +16,336 |

BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

6/25/84 EXHIBIT NO. 13

CASE NO. 8922 8923

| 5787 | 6/25/86 FXHIRITNO | 5767 | | 120 | 1131 | | 1131 278 | • |
|-------|-----------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|----------|-----------------------|-------------------------------------------------------------|
| STOGN | ****BEFORE EXAMINER STOGNER | | 3/19/23/3/7E N 1-00 G- W-19/23/3/7E N 1-00 IP1/27/4/30/E(MHU) | 320 | 10911 | | 2208 2201 10911 | PC+S36E M 1.00 |
| 13532 | 19061 | 9384 | 2 | 113 | 1656 | *** | 1678 | 222 |
| | | | AIR B STATE 1 323536E M | 160 | 294 | • | 294 | |
| 13532 | | 0 2058 | 112323536E N 2.00 | OC E | 7011 | <i>₹</i> | 1911 1911 1911 | CHART MACE |
| | | | 2722536E M | | | ****** | | COMPANY |
| 3487 | | | * | 160 | \$ | | * | 11.2525536E M 1.60 |
| | 10971 | 0 5943 | RECURD WN | 80 | 6766 | : | 4015 | N .50 |
| | | | THEL SHIPLEY OWENS AN | 160 | 192 | | 192 | - |
| • | 68243 | | NATIONAL STREET OF THE STREET | 320 | 282 | | 8040 8040 | H 2-60 |
| | | 0 102240 10873 4721 | 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-2-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5-1-3 5- | 160 | 3647 | • | 3047 | PACCUCATION CO |
| 1 | 71050 | | SUMHARY \$22536E | 320 | 4903 | | 6903 | 326537E M 2.00 |
| | | 474 795 | | 80 | 6766 | 1297- | 2641 | OC. N |
| | . • | | HCDUNALD WN STATE | 120 | 1856 | | 1858 | : 3 |
| | • | _ | SOUSSE NACTOR | 120 | 1138 | | 1138 | FEDERAL 75 |
| | | 0 4752 | W-0 | • | | ******** | PRUDUCTION CO. | ALPHA THENTY-ONE PRUDUC EL PASU PLANT |
| 13532 | 3928- | ~ | 1300 1000 1200 1200 1200 | | , | | FANK | |
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| | | | JONES ROUMAN-CLAY | | 2508235 | 751233 | | 46.07 |
| | | 6089 247 | يق | 2496 | 856+91 | 33119- | 180875 | TOTAL 3.90 |
| | | | JACACAND FERRICO SKROWNSKY JERRICO JACHAL SUNNAKY M 1.50 JACHAL STATE GAS COM 1G32245JERMILO | 576 | 4479 | • | FED GAS COM | N. T. |
| | 31948- | 2039 14492 | P. C. NORMARY N. 1.00 P. C. NORMARY N. 1.00 | ŝ | | ***** | | FLAG REDFERN DIL CO WINSTON GAS CUM INSIZISZKE M 1.00 |
| • | | 72.57 72.57 72.57 | ٤٤٤ | \$ | 79240 | -81964 | 6AS COM 99580 | WEST TROTAN BASIN UNIT |
| | 2457- | 0 11666 | NZ Z | 040 | 79240 | • | 74816 | 1222523E (N) 1.00 |
| | 10,601 | 0 723 | HALE NA 1.00 | | | | | CAS COM |
| | | 0 3039 | STARY I | | | | 3. | MARATHUN AND GAS CO. DE N. M. |
| | | | 353 TE (MWC) | 25707 | 2237408 | 784352 | 2805896 | PIPELINE TOTAL 40.17 |
| | 9304 | 50 2643 | 36E X | 640 | 79240 | 112694- | 109738 | ₩ 1.00 |
| | 070 | PACY | DESCRIPTION STAT AF | ACRET | ALLUC | 75g | PROD | DESCRIPTION STAT AF |
| | | | | | | | | |

| 3.00 ANY | ROBERT NI ENFIELD UNIT GAS COM | AMOCO PRODUCTION CO HOC PEDERAL CAS CON 1.00 17502 SMITH FEDERAL 1.00 89170 | GAS CO. OF NEW MEXICO | INDIAN BASIN UPPER PENN- (PRO GAS) | POOL TOTAL 7-50 82688 | PIPELINE TOTAL 1-00 7072 | NOTAN FEDERAL GAS CON NOTAN FEDERAL GAS CON 1019215246 M 1.00 7072 | MARATHON AND GAS CO. OF N. N. | PIPELINE TOTAL 3.00 50684 | LOWANTO DIE LORDANT | 1NULAN DABLE D MAD 1 CON | | KERR-HOGEE CORPORATION MARTHA CREEK GAS COM 1110 276245 M 1100 50684 | MARATHON DIL COMPANY | PIPELINE TOTAL 1.00 16921 | FLAG REDFERN OIL CO MINJILY GAS CLM 1K3121524E M 1+00 16921 | GAY CO. OT NEW MENANCE | PIPELINE TOTAL 2.50 8011 | SKELLY FEDERAL COM 50 893 | 81 | DAY ID FASKEN UNIT | DAVID FASKEN | INDIAN BASIN MORROW (PROPATED GAS) | POOL TOTAL 1.00 120 | PIPELINE TOTAL 1-00 120 | TEXACO PRODUCÍNG CO. GETTY 36 STATE COM 1F 3671534E N 1.00 120 | LLAND INCORPORATED | DESCRIPTION STAT AF FEB | APRIL 1986 SOUTHEAST GAS PRORATION SCHEDULE |
|----------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------|--------------------------|--------------------------------------------------------------------------|-------------------------------|---------------------------|--------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------|----------------------------------------------------------------------|----------------------|---------------------------|-------------------------------------------------------------------|------------------------|-------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------|---------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| 235761 | 169063- | 404824 | | | | | | | | - | | ******* | | | | | | | | | ***** | | | 1401796 | 1401796 | 1401796 | | 558 | SCHEDULE |
| 150674 | 66586 | 17502 66586 | | | 82688 | 7072 | 7072 | | 200d | | | | 50684 | | 12691 | 16921 | | 90 | 893 | 5507 | 1611 | | | 75000 | 75000 | 75000 | | ALLOC | PAGE |
| 1920 | 640 | 040 | | | +800 | 640 | 640 | | 1920 | 640 | 940 | | 640 | | 640 | 640 | | 1600 | 320 | 040 | 640 | | | 320 | 320 | 320 | | ACR EV | GE 27 |
| TEXACC INCORPORATED STATE DE GAS CON 13321523E N 1.00 104215 TXO PRODUCTION CORPORATION CASE NO. | TION & PRODUCTION CO. | 125806 BE | NORTH INDIAN BASIN UNIT GAS COM A 6J 4215236 M 1.00 | BASIN UNIT | | | | INDIAN BASIN D 1-00 94467 | N B GAS COM | INDIAN DASIN GAS COMO 7775 INDIAN BASIN A 1.00 49469 INDIAN BASIN A 1.00 49469 | GAS COM 30 1 | 151422523E N 1-00 86057 FEDERAL 18C GAS COM 1-00 85161 | GAS COM | MARATION OF COMPANY | CORPORATION | TENG CO | BASIN UNIT | ROBERT N. ENFIELD BUNNEL FEDERAL GAS COM JIBEZISZIE N | HELBING FEUERAL DAS COM 95441 | FEDERAL 33 GAS COM 1.00 116391 | 66 822525 N 1.00 115914 BOGLE FLATS UNIT GAS COM 1.06 108834 | 8G 15252525 N 1.06 118118 9G 17255236 N 1.06 118118 9G 17255236 N 1.06 88231 | 9X 9XXXXXX N 1.00 1XXXXX 9X 9XXXXXX N 1.00 1XXXX \$EF102XXXX N 1.00 1XXXXX | GHEVRON UTS-AN INC | SMITH FORMS COMPANY SMITH FORMS 16 122823E M 1.05 | 2524E | . CO | 1141 | APRIL 1986 SOUTHEAST GAS PRORATION SCHEDULE INDIAN BASIN UPPER PENN. (PRO GAS) |
| 268-6,1611 NO | OIL COMPANY HOLY DIVISION | BEFORE EXAMINER | A market and the special statement of the spec | | 33586 | | | 891222 | | | 3189- | 35060~ | | | ******* | ••••• | 155123- | 21948 | 832726 | 137866 | 29 7966- 196603- | 160438- | 29521621 29521621 2953699 | ***** | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 179166- | ********* | 0.50 0.50 | ON SCHEDULE MAR |
| 2 66586 | 733 | STOGNE | 23023 | | 53057 66586 | 70802 | 69672 | 92495 | | 7775 | 19976 | 66586 | | | | 19212 | 66586 | 39952 | 66586 | 66586 | 70581 | 76561 88231 | - 6 6 5 - 5 5 5 5 5 - 5 5 5 5 5 - 5 6 6 6 | 70 80: | | 68584 | * · · · · · · · · · · · · · · · · · · · | ALLOC | 20 |
| 2300 | 640 | ER46 | 640 | | 000 | 640 | 646 | 640 | 640 | 0,0 | 192 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 640 | 640 | | 35 8 | 640 | 976 976 | 640 | 640 | 640 578 | 000 | 2000 | • | 672 | 659 | > | ACRE- | PAGE |

Indian Basin (Upper Penn) Smith Federal 11-1

| Date | Production MCF/MO | Allowable MCF/MO | Difference | Proration Status |
|-------|----------------------|---------------------|------------|---------------------|
| 11/83 | 23877 | 155864 | -131987 | -2520 |
| 12/83 | 87123 | 160707 | -73584 | -76104 |
| 1/84 | 0 | 168733 | -168733 | -244837 |
| 2/84 | 147606 | 156154 | -8548 | -253385 |
| 3/84 | 102131 | 158888 | -56757 | -310142 |
| 4/84 | 45895 | 140580 | -94685 | -404827 |
| 5/84 | 25353 | 148939 | -123586 | -528413 |
| 6/84 | 31960 | 158310 | -126350 | -654763 |
| 7/84 | 105617 | 159556 | -53939 | -708702 |
| 8/84 | 85290 | 190771 | -105481 | -814183 |
| 9/84 | 82805 | 151250 | -68445 | -882628 |
| 10/84 | 79366 | 161533 | -82167 | -964795 |
| 11/84 | 99000 | 156698 | -57698 | -1022493 |
| 12/84 | 91260 | 163670 | -72410 | -1094903 |
| 1/85 | 66122 | 146327 | -80205 | -1175108 |
| 2/85 | 61576 | 129080 | -67504 | -1242612 |
| 3/85 | 72612 | 137993 | -65381 | -1307993 |
| 4/85 | 68166 | 131111 | -62945 | -1370938 |
| 5/85 | 32594 | 125704 | -93110 | -1464048 |
| 6/85 | 336 | 74425 | -74089 | -1538137 |
| 7/85 | 5572 | 70377 | -64805 | -1602942 |
| 8/85 | 7760 | 75788 | -68028 | -1670970 |
| 9/85 | 25842 | 69222 | -43380 | -1714350 |
| 10/85 | 51962 | 77330 | -25368 | -1739718 |
| 11/85 | 88013 | 69522 | 18491 | -1721227 |
| 12/85 | 67068 | 75733 | -8665 | -1729892 |
| 1/86 | 79547 | 79240 | 307 | -1729585 |
| 2/86 | 89170 | 72402 | 16768 | -1712817 |

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
6/25/86 EXHIBIT NO. 16

CASE NO. 8922 8923

INDIAN BASIN (UPPER PENN) UNDERPRODUCED VOLUMES BY PRORATION PERIOD

640 ACRE NON-MARGINAL WELL ALLOWABLE MINUS ACTUAL WELL PRODUCTION

| TOTAL | 1,307,993 MCF | 665,720 MCF |
|------------------|--------------------|--------------------------|
| 1984-1985 | 997,851 MCF | 651,936 MCF |
| 1983-1984 | 310,142 MCF | 13,784 MCF |
| PRORATION PERIOD | SMITH FEDERAL 11-1 | SMITH FED. GAS COM. 12-1 |

RPZ/rr/51

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
6/25/86 EXHIBIT NO. 18
CASE NO. 8922 8923

| Form 3160-3 (July 1989) (formerly 9-3310 | | 81) STEDES | | (Other Instruct) | e) | BLM Roswel Modified F NMO60-3160 | | ולןט |
|-------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|--------------------------------------------------|---------------------------------------|-----------------------------------------|-----------------------------|----------------------------|
| 1 | | | THE INTERIOR MANAGEMENT %-, | ′ / | | LC-028784 | | BIAL NO. |
| APPLICA | TION FOR | PERMIT TO DR | IILL, DEBHEN, Id | NFLOG BA | ACK | 6. IF INDIAN, AL 30-019 | | SE NAME |
| b. TIPE OF WELL OIL WELL Z. NAME OF OPER | DRILL X | DE! other | EPEN 1997 JUL 10 | MULTIPLE AND | | 7. UNIT AGREEM BURCH KEE 8. FARM OR LEA | LY UNIT | 2497 |
| Marbob E | nergy Corpo | ration 1404 | 19 ROSWELL | 05-748-330. | 3 | 0. WELL NO. | 6-283 | |
| | | rtesia, NM 88 | 210 dance with any State requ | lrements.*) | | 10. FIELD AND I | | |
| 1980 | FNL 330 FWI | UNITE | - | | | 11. SEC., T., R., AND SURVE | M, OR BLK. DR AREA | |
| At proposed p | | | | | · | SEC. 26-T | | |
| | | ON U.S. 82 APP | | • | | 12. COUNTY OR EDDY | | BTATE M |
| (Also to near | NEAREST LEASE LINE, FT. rest drig, unit line, | | 16. NO. OF ACE 1440 | , | TO T | OF ACRES ASSIGNE HIS WELL 40 | | |
| TO NEAREST | OM PROPOSED LOCAT WELL, DRILLING, CO L, ON THIS LEASE, PT | MPLETED, | 19. PROPOSED D | ЕРТН | | RY OR CABLE TOO! | .8 | |
| 21. ELEVATIONS (S | how whether DF, F | RT, GR, etc.) | | | | 22. APPROX. D | | LL START* |
| 3575 23. | GR | nnonos | PED CASING AND CEMEN | TING DOCEAN | NAU MET # 5 | AUGUST 1 | | J# |
| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD T | | BETTING DEPTH | TITTHAUD | |
| 12 1/4" | 8 5/8" | 24# | J-55 | ST&C | <u>".</u> | 350' C' | 1-2-2-1 | |
| 7 7/8" | 5 1/2" : | 17# | J-55 | LT&C | | 4800' | 1100 SX | |
| | | | BE SELECTIVELY P NEEDED FOR OPTIM | | | | | |
| DEC RECEI OCD - AF | VED | ATTACHED ARE: | 1. LOCATION & 2. SUPPLEMENTA 3. SURFACE USE | L DRILLING | | | 201 11 1-12 | 0 / |
| | | | GENERAL SPECIAL ATTACHE | IL SUBJECT TECHINEN STIPULATIO | TO IENTS / NS | Mil | P.F. x | <i>J. W.</i> |
| in above space zone. If propos preventer progra | al is to drill or d | o rrogram: If proposal sepen directionally, give | is to deepen or plug back pertinent data on subsu | c, give data on pi rface locations ar | resent pro nd measur | ductive zone and ed and true vertic | proposed new aldepths. G | productive live blowout |
| BIGNET | honda | Thelso | TITLE Product | tion Clerk | | DATE | 7/9/97 | |
| (This space | for Federal or Sta | te office use) | , | | | · | | |
| PERMIT NO | | <u> </u> | | SEASON LUCIS | Elivic | y, 4 made | 12-10 | -97 |
| APPROVED BY CONDITIONS | OF APPROVAL, IF ANY | : | TITLE | | · · · · · · · · · · · · · · · · · · · | DATE | /!/ | |

State of New Mexico

in any

Energy, Minerals and Natural Resources Department

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Frawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name | |
|---------------|-----------|---------------------------|-------------|
| 30-015-29963 | 28509 | GRBG JACKSON SR Q GRBG SA | |
| Property Code | | ropert y Name | Well Number |
| 6497 | | KEELY UNIT | 856 |
| ogrid no. | | perator Name | Elevation |
| 14049 | | RGY CORPORATION | 3575 |

Surface Location

| i | UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | E | 26 | 17 S | 29 E | | 1980 | · NORTH | 330 | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section T | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|-----------|------------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or | Infili Cor | nsolidation C | ode Ord | ler No. | <u></u> | ., | <u> </u> | |
| 40 | | | | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| OPERATOR CERTIFICATI I hereby certify the the information contained herein is true and complete. | ON |
|---------------------------------------------------------------------------------------------------|-----------------|
| | 1 ' |
| I contained hands to two and complete | rmation |
| | e to the |
| best of my knowledge and belief. | ! |
| Signature Nel | Son |
| RHONDA NELSON | |
| Printed Name | |
| 1 | |
| | |
| Title | |
| JULY 8, 1997 | |
| 3577.1' 3576.3' Date | |
| | |
| SURVEYOR CERTIFICATI | ION |
| I hereby certify that the well location | |
| on this plat was plotted from field | 4 |
| actual surveys made by me or u | - |
| supervison, and that the same is | true and |
| correct to the best of my belief. | |
| SUME 30 EA 997 | |
| Date Surveyed, 1971, 1973 | DMCC |
| Signature, & Sear of | 3 |
| Professional Surveyor | 3 |
| | |
| | ا |
| Monda A Course Fo | 3-97 |
| 1007 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | |
| Certificate No. JOHN W. WEST | 676 |
| RONALD J. EIDSON GARY: EIDSON | N 3239 12641 |
| | |

| | DEPARTMEN S | OF THE INTERIOR NDMANAGEMENT | B11 5. (1) | 5. LEASE | DESIGNATION AND S | [)) ERIAL NO. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------|
| , A D 10 | | | ARTESIA, NM 5831043 | :: 1LC-026 | 874 F 0643 | 324 |
| AP [- | LICATION FOR PERI | DEEPEN . | EEPEN | 6. IF IN | DIAN, ALLOTTES OR | TRIBE NAME |
| TYPE OF WORK: | DRILL 🔀 | DEEPEN | 147 | 7.UNIT | AGREEMENT NAME | |
| D. TYPE OF WELL: | OAS OLL | SINOLE | MULTIPLE | | | |
| NAME OF OPERAT | Other | ZONE | ZONE | | or lease name wel: Collier 5 Fede.ral #5 | |
| | DEVON ENERGY CORPO | ORATION (NEVADA) | 137 | 9.API W | - ~ ~ / | 22220 |
| ADDRESS AND TE | | E 1500, OKC, OK 73102 (4 | 05) 552-4511 | 30-015- | 29996 D AND POOL, OR WILL | YAT. |
| | LL (Report location clearly and in ac | | | 1 | ke; Q-GB-SA | CA1 |
| At surface 1650 | FNL & 990' FEL, Unit "H" | | | | T., R., M., OR HLOCK 5-T18S-27E | AND SURVEY OR AREA |
| At top proposed prod. | zone (SAME) | | | Section | 5-1105-271 | |
| | ND DIRECTION FROM NEAREST TOWN OF | R POST OFFICE* | | 1 | NTY OR PARISH | 13. STATE |
| pproximately / mues s | southeast of Artesia, NM | | | Eddy | County | New Mexico |
| DISTANCE FROM PROPO LOCATION TO NEAREST | SED | 16.NO. OF ACRES IN LEASE | | <u> </u> | 17.NO. OF ACR | |
| PROPERTY OR LEASE I. | · · | 80 | | | 40 | - |
| (Also to nearest drig, unit line .DISTANCE FROM PROPO | SED LOCATION* | 19.PROPOSED DEPTH | | | 20.ROTARY OR | CABLE TOOLS* |
| OR APPLIED FOR, ON | · | 2800' | | | Rotary | |
| ELEVATIONS (Show whet | ther DF, RT, GR, etc.) | | | , | APPROX. DATE WORK | WILL START* |
| K 3343 | | | | | - | |
| | | PROPOSED CASING AND CE | MENTING PROGRAM | | | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | <u>-</u> | QUINTITY | OF CEMENT |
| 1/2" | 14" | Conductor | 40' | | Redimix | (i.e. 3. |
| 1/4" | 8 5/8", J-55 | 24 ppf | 1050' | | | sx Class C |
| 7/8" | 5 1/2", J-55 ated to surface on all casing strings. | 15.5 ppf | 2800' | | 150 sx Lite + 350 | sx Class C |
| plugged and abandor rilling Program rface Use and Operat chibit #1 - Blowout Pr Choke Mar chibit #2 - Location ar chibit #3 - Planned Ac chibit #4 - Wells With chibit #5 - Production chibit #6 - Rotary Rig | evention Equipment/ nifold nd Elevation Plat cess Roads in a One Mile Radius Facilities Plan Layout ign Parameters and Factors | ams to adhere to onshore oil and The undersigned accept | gas regulations are outlined s all applicable terms, conditi n the leased land or portion to nwide | in the follow ons, stipula | wing exhibits and at ation, and restriction | tachments. |
| to drill or deepen dire | SCRIBE PROPOSED PROGRAM ectionally, give pertinent data on su | bsurface locations and measured | | ve blowout | preventer progran | ı, if any. |
| | ···· | TITLE DISTR | ICT ENGINEER D. | 1101 | | |
| inis space for Fede | eral or State office use) | | | | | |
| ERMIT NO | | | APPROVAL DATE | | | |
| oplication approval does ONDITIONS OF AP | not warrant or certify that the applicant PROVAL, IF ANY: | holds legal or equitable title to those | rights in the subject lease which v | would entitle | the applicant to cond | uct operations thereon. |
| PPROVED BY | | TITLE | | D. | ATE /2/3 | 30/97 |
| | | See Instructions On R | | | ·· <u>u.v. </u> | |
| | | | | | | |

Fitle 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

DISTRICT [P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Exhibit 2

Form C-102 Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Artec, NM 87410

OIL CONSERVATION DIVISION

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

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API | Number | | | Pool Code | | | Pool Name | | |
|----------------|-----------|--------------|------------|-------------|-------------------------|---------------------------------------|---------------|----------------|--------|
| | | | | | | Red Lake | (Q-GB-SA) | | |
| Property | Code | <u> </u> | | | Property Nam | | | Well Number | |
| | | | | CARTER | R COLLIER " | 5" FEDERAL | | 5 | |
| OGRID N | о. | | | | Operator Nam | e | | Eleva | lion |
| | | | | DEVON | EVON ENERGY CORPORATION | | | 3525' | |
| | | | | | Surface Loca | ition | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Н | 5 | 18 S | 27 E | | 1650 | NORTH | 990 | EAST | EDDY |
| | | | Bottom | Hole Loc | eation If Diffe | rent From Sur | face | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| | | | | | | | | | |
| Dedicated Acre | s Joint o | r Infill Con | solidation | Code Or | der No. | · · · · · · · · · · · · · · · · · · · | | | |
| | |] | | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | OR A NON-STAN | DARD UNIT HAS BI | EEN APPROVED BY TH | HE DIVISION |
|-------|---------------|------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOT 4 | LOT 3 | LOT 2 | | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature |
| | | | 517.2' 3527.6 990 518.4' 3527.3' | E. L. Buttross, Jr. Printed Name District Engineer Title November 25, 1997 Date SURVEYOR CERTIFICATION I hereby certify that the will location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief November 03, 1997 Date Surveyed Signature Seal of my belief Professional Surveyor Professional Surveyor BASIN SURVEYS |

See Instructions On Reverse Side

TITLE

APPROVED BY

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT III

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

1000 Rio Brazos Rd., Axtec, NM 87410

API Number

OIL CONSERVATION DIVISION P.O. Box 2088

Pool Code

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | Red | l Lake (Q-GB- | SA) | | |
|---------|----------|--------------------------|------------------------|---------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code | 1 | | | Property Nan | ne | | Well No | umber |
| | | Carter Collier 5 Federal | | | | | 9 | |
| 0. | | Operator Name | | | | | Elevation | |
| | | Devon Energy Corporation | | | | | 3474' | |
| | | | | Surface Loc | ation | | | |
| Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| 5 | 18 S | 27 E | | 330 | North | 2360 | East | Eddy |
| | | Section Township | Section Township Range | o. Devo | Code Carter Collier 5 Operator Nan Devon Energy Co Surface Loc Section Township Range Lot Idn Feet from the | Code Property Name Carter Collier 5 Federal Operator Name Devon Energy Corporation Surface Location Section Township Range Lot Idn Feet from the North/South line | Carter Collier 5 Federal Operator Name Devon Energy Corporation Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the | Code Property Name Well Note Carter Collier 5 Federal 9 o. Operator Name Eleval Devon Energy Corporation 347 Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the East/Weilt line |

Bottom Hole Location If Different From Surface

| I | ection Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|-----------------|-----------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | |
| Dedicated Acres | Joint or Infill | Consolidation (| ode Or | der No. | | | | |
| | | | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | UR A NUN-STA | ANDARD UNIT HAS BEEN | APPROVED BY TH | E DIVISION |
|-------|--------------|----------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lot 4 | | 465.9 0 3477.8 479.5: 3480.6: | 2360' | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and helief. Signature |
| | | | | E.L. Buttross, Jr. Printed Name District Engineer Tiue November 14, 1997 Date SURVEYOR CERTIFICATION |
| | | | | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervisor and that the same is true and correct to the best of my belief October 30,1997 Date Surveyed Signature & Seal of |
| | | | | W.O. No. 7576g Certificate No. Gary _ Jones 7977 BASIN SURVEYS |

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

ARTESIA SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR

| | BUREAU OF | 5. LEASE DESIGNATION AND SERIA NM70208 | l | | | |
|---------------------------------------------------------------------|---------------------------|----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|
| APPLI | CATION FOR PE | RMIT TO DR | ILL OR DEEPEN | 6. IF INDIAN, ALLOTTER OR TRIBE | NAMB | |
| TYPE OF WORK | | | | 7. UNIT AGREEMENT NAME | | |
| DKII | LL XX | DEEPEN | | 2221/ | ? | |
| | | | SINGLE XX MULTII | S. FARM OR LEASE NAME WELL NO. | 2 | |
| AME OF OPERATOR | ILL MA OTHER | | ZONE KX ZONE | COM | , | |
| | OXY USA Inc. | 16696 | 166 | OXY Livan Federal # | <u> </u> | |
| DORUSSE AND TELEPHONE NO. | | 16674 | 700 | 30-015- <i>29992</i> | , | |
| P.O. Box 502 | 250 Midland T | X 79710-02 | .50 915-685-57 | 10 51515 195 500 | T 80/ | |
| OCATION OF WELL (Re | port location clearly and | In accordance with a | ing State requirements.*) | Undesg. Logan Draw N | | |
| 660 | FNL 1650 FEL NWN | IE (B) | | 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA | | |
| t proposed prod. sone | : | | | | | |
| | | | | Sec 17 T17S R27E | | |
| | ND DIRECTION FROM NEAR | | FFICE* | 12. COUNTY OR PARIER 13. STA | TE | |
| 6 miles sou | theast from Arte | | B. NO. OF ACRES IN LEASE | Eddy N | 1 | |
| LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig | ine, ft. | 660' | 320 | 17. NO. OF ACRES ASSIGNIED TO THIS WELL 320 | | |
| DISTANCE FROM PROPO TO NEAREST WELL, DI | | . 1 | 9. PROPOSED DEPTH | 20. ROTARY OR CABLE TOOLS | | |
| OR APPLIED FOR, ON THE | S LEASE, FT. | N/A | 9400' | Rotary | | |
| elevations (Show who | ther DF, RT, GR, etc.) | 3366 | ; † | 22. APPROX. DATE WORK WILL 12/15/97 | START* | |
| γ | : | PROPOSED CASING | AND CEMENTING PROGRA | м | | |
| SIZE OF MOLE | ORADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT | | |
| 17-1/2" | 13-3/8" | <u>48#</u> | 400' | 420sx - circulate | | |
| 11" | 8-5/8" | 32# | 1800' | 515sx - circulate | | |
| 7-7/8" | 4-1/2" | 11.6# | 9400' | 642sx - TOC @ 6500' | | |
| It is propose | d to drill this | well to a TI | of 9400' and tes | st the Morrow formation. | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | $f_{ij} = f_{ij} + f$ | | |
| he Plewout P | revention Progra | um ia oa foll | | | | |
| He blowout i | revention ringra | ım 15 a5 1011 | LOWS: | | | |
| | Drill Pipe Rams | | | | | |
| | Blind Rams (5M) |) . | | | | |
| 3) One set of | Hydril (5M). | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | ve data on present productive zon vertical depths. Give blowout pre | e and proposed new productive zone. If proposal is venter program, if any. | to drill | |
| 7 | - 12 1 | | David Stewart | | | |
| war Wai | I Start | | D1.4 4 4 | VST DATE 11/25/97 | İ | |
| SIGNED | | TITLE | LEGITALVIY ANAL | VAIN | | |
| (This space for Fede | eral or State office use) | | | | | |
| PERMIT NO. | | | APPROVAL DATE | | | |
| | | | | | | |

*See Instructions On Reverse Side

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lesse which would entitle the applicant to conduct operations thereon.

DISTRICT | 1 | 1 | 0 | Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revined February 10, 1994
Instruction on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II E.O. Drawer DD, Artesia, NM 88210

DISTRICT III

320

Ν

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

1000 Rio Brazos Rd., Aztec. NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API | Number | | | Pool Code Pool Name | | | | | |
|----------------|---------|---------------|--------------------------|---------------------|----------------|------------------|---------------|----------------|--------|
| 3 0- 0 | 15- | | 80400 Undesignated Logan | | | | | Draw Morrow | |
| Property (| Code | | | | Property Nam | e | | Well Number | |
| | _ | | | 0: | 1 | | | | |
| OGRID N | j. | | | | Operator Nam | e | | Elevat | ion |
| 1669 | 6 | | Oxy USA Inc. | | | | | 3366' | |
| | | | | | Surface Loc | ation | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| В | 17 | 17 S | 27 E | | 660 | North | 1650 | East | Eddy |
| | - | | Bottom | Hole Loc | ation If Diffe | rent From Sur | face | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| | | | | | | | | | |
| Dedicated Acre | s Joint | or Infill Con | solidation | Code Or | der No. | <u> </u> | | <u> </u> | 1 |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| 22. A 11011 518 | INDARD UNII HAS BEEN APPROVED BE | THE DIVISION |
|-----------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | 3365.2' 99 3369 1' | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief |
| | 3363.4' 3368.1' | Signature David Stewart |
| | | Printed Name Regulatory Analyst Title Date |
| | | SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of |
| | | actual surveys made by me or under my supervisor, and that the same is true and correct to the best of my belief. October 30, 1997 |
| | | Date Surveyed 1. JONES Signature & Seel 51 Professional Surveyork |
| | | Certificate Nov. Gary L. Jones 7977 BASIN SURVEYS |

Form 3160-3 (July 1992) BARELY/

UNITED STATES

SUBMIT IN TRI ATE (Other instructions on reverse side)

E• \

FORM APPROVEI OMB NO. 1004-01 Expires: February 28

|) | 111 |
|--------|-----|
| 36 | 3/4 |
| , 1995 | Uti |

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

156

| 5. | LEASE DESIGNATION AND | SERIAL NO. |
|----|-----------------------|------------|
| | | المستر |

| · · · · · · · · · · · · · · · · · · · | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | | | |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------|-----------------------------------------------------------------|--------------------------------|--------------------------------------------------------------|
| | ICATION FOR I | PERMIT TO | O DR | ILL OR DEEPE | N | 7. UNIT AGREEMENT NAME |
| 1a. TYPE OF WORK DRI | LL X | DEEPEN | | | | n em nembra |
| b. TYPE OF WELL | GAS OTHER X | | | SINGLE X MULTIPE | E | 8. FARM OR LEASE NAME, WELL NO. WEST RED LAKE "4" 1 |
| 2. NAME OF OPERATOR | 000 | 7 | | | | FEDERAL SWD 22247 |
| ARCO Permian 3. ADDRESS AND TELEPHONE | <u>770</u> | , | ····· | | | 9. API WELL NO. |
| P.O. Box 1610, Mi | | | | 915-6 | 88-5570 | 30 - 015 - 29990 10. FIELD AND POOL, OR WILDCAT |
| | rt location clearly and in accord | ance with any State r | equireme | nts.*) | | RED LAKE (Q-GB-SA) |
| 990'FNL, 990'FWL, At proposed prod. zone | LOT 8 | | | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AF.EA |
| SAME | | | | | | 4,T18S, 27E |
| 9 MILES SE FROM A 15. DISTANCE FROM PROPOSE | | N OR POST OFFICE | 16 NO | OP ACRES IN LEASE | 17 NO OF | 12. COUNTY OR PARISH 13. STATE NM ACRES ASSIGNED |
| LOCATION TO NEAREST PROPERTY OR LEASE LINE (Also to nearest drlg., unit | line if any) 990 | | | | TO THIS | WELL |
| DISTANCE FROM PROPOSE TO NEAREST WELL, DRILL | ING, COMPLETED, | | | POSED DEPTH | 1 | Y OR CABLE TOOLS |
| OR APPLIED FOR, ON THIS 21. ELEVATIONS (Show wheth | | | 301 | | ROTA | 22. APPROX. DATE V'ORK WILL START* |
| 3565'GR | · ' | | | | | 12/15/97 |
| 23. |] | PROPOSED CASING | G AND C | EMENTING PROGRAM | | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOO | OT . | SETTING DEPTH | | QUANTITY OF CEMENT |
| 11 | 8-5/8 | 24 | | 1100 1130 | 350 C | IRCULATE |
| 7-7/8 | 5-1/2 | 15.5 | | 3000' | 500 C | IRCULATE |
| 2,000 PSI BOP ATTACHMENTS A 1. CERTIFIED 2. DRILLING P 3. SURFACE US | IS PLANNED AS A 30 PE WILL BE USED FROM THE AS FOLLOWS: LOCATION PLAT. PLAN WITH ATTACHMENT OF PLAN WI | M 1100' TO T TS. MENTS. | D. | data on present productive zor ical depths. Give blowout preven | ne and propos enter program | get a productive zone. If proposal is to drill or n, if any. |
| SIGNED TO LEGAL | elect U. Ch | skew 1 | TITLE RI | EGULATORY COMPLIANO | CE | DATE 11/3/97 |
| (This space for Federal o | or State office use) | | | | | |
| PERMIT NO. | | | | APPROVAL DATE | - 1 - 1/1 - 1/2 1/2 | |
| Application approval does not CONDITIONS OF APPROV | t warrant or certify that the applicant l | olds legal or equitable tit | lle to those | rights in the subject lease which would | d entitle the app | dicant to conduct operations thereon. |
| | | | | free no comment | . • | 12/24/97 |
| APPROVED BY | | | TLE - | On Boyeres Side | | DATE |

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.

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Axtee, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

| DISTRICT IV | | | | Santa F | e, New Me | xico .87504- | -2088 | | ☐ AMENDED | REPORT |
|---------------------------------------|---------------|----------------------|--------------------|---------------------|--------------|--------------------------------------------------|-------------------------|---------------------------|------------------------------------------------|---------------------|
| P.O. Bes 2068, Sant | ta Fe, NM 871 | | אינדינה מבינדים | CATION | AND ACE | EAGE DED | ያም ለ ጥየ <i>ር</i> | ידי א זכו ואי | | |
| API | Number | | | Pool Code | AND ACK | EAGE DED | TOATIC | Pool Name | | |
| | | | 513 | 00 | | RED L | AKE | | -5A) | |
| Property | Code | | WE | ST RED | Property : | FEDERAL | CMD | | Well Num | ber |
| OGRID N | 0. | | VVE | .51 KED | Operator 1 | | SWD | | Elevation | <u>n</u> |
| 00099 | C | | | | ARCO PE | RMIAN | | | 3565 | |
| | | | | | Surface L | ocation | | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from th | | i | Feet from the | East/Nest line | County |
| 8 | 4 | 18 S | 27 E | | 990 | NOR | TH | 990 | WEST | EDDY |
| | | | Bottom | ···· | , | fferent From | | ace | ··· | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from th | s North/Sout | th line | Feet from the | East/West line | County |
| Dedicated Acre | Joint o | or Infill Co | onsclidation (| Code Or | der No. | | | | <u>L</u> | L |
| 40 | | | | | | | | | | |
| | OWABLE V | | | | | | | | EEN CONSOLIDA | TED |
| · · · · · · · · · · · · · · · · · · · | | OR A I | NON-STAN | DARD UN | IT HAS BEE | N APPROVE | D BY T | HE DIVISION | - | |
| LOT 8 39 | .92 AC. | LOT 7 3 | 9.37 AC. | LOT 6 | 37.70 AC. | LOT 5 37. | 73 AC. | OPERATO | R CERTIFICAT | TION |
| | , | | | | | | | I hereb | y certify the the in | formation |
| | 066 - | | | | | | | 1 1 | n iz true and compl pledge and belief. | eie to the |
| 3564.9 | 356 | 51.11 | | | | | | | 11 11 | |
| 990' | | | | | | | | House | and let la | Jun |
| 3571,8 | 356 | 5.2' | | <u> </u> | | | | Signature | 1 0 | |
| | i | NAD27 | | | | | | ELIZABI Printed Nam | ETI F A. CAS | BEER |
| | 1 | SPC NME | | | | | | | DRY/COMPL | 10.45 |
| | ļ | X=513810 Y=647749 | | | | | | Title | 7 001112 | PILLE |
| | 1 | | | | | | | 12/197 | · | |
| | 1 | | | | | | | | | |
| LOT 9 38. | 93 AC. | LOT 10 38 | 3.43 AC. | LOT 11 | 37.23 AC. | LOT 12 37.2 | 28 AC. | SURVEYO | OR CERTIFICAT | TION |
| | | | | | | | | 11 | y that the well locat as plotted from field | |
| | Į. | | | | | | | actual surveys | made by me or al that the same is | under my |
| | 1 | | | | | | | 1 5 | e pest ol, and pege | h h |
| | | | | | | · ! | | осто | BER 30, 199 | 7 |
| LOT 16 38. | 85 AC. | LOT 15 38 | 3.64 AC. | LOT 14 | 37.82 AC. | LOT 13 37.6 | 61 AC. | Date Survey | Seminion . | JLP |
| | | | | † ' - ' | | | | Signature of Professional | Soer or | |
| | <u> </u> | | | | | ! { | | 100 | A CONTRACTOR | |
| | 1 | | | | | ı | | Smila | bellian | 1-13-97 |
| | | | | | | | | 7 No. X | 97-16 | |
| | ļ | | | | | ! | | Certificate A | io. KIHO WE WES | r, 676 |
| LOT 17 38. | 64 AC. | LOT 18 38 | 8.43 AC. | LOT 19 | 38.01 AC. | LOT 20 37. | 80 AC. | "Manny | FES ROMAND & EDSC | N. 3239 N. 12541 |
| | | | | | | | | | | |

UNITED STATÉS production DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

145

PEVERSE SE

EXPIRES DECEMBER 31, 1991 (1)

5. LEASE DESIGNATION AND SERIAL NO. NM32636

| APPL | ICATION FOR PE | RMIT TO DRILL | OR DEEPEN | 6. IF INDIAN, ALLOTTE | E OR TRIBE NAME |
|-----------------------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------|---------------------------------------------|--------------------------------------------|
| PE OF WORK | | | | N/A | |
| DRILL | X DE | EPEN | • | 7. UNIT AGREEMENT NAI | ME |
| PE OF WELL | | SINGLE | MULTIPLE | | |
| OIL X GAS | OTHER | ZONE | ZONE | 6. FARM OR LEASE N. | |
| ME OF OPERATOR B OPERATING C | :OMPANY | 10000 | | AMOCO "11" F | 9443 EDERAL NO 8 |
| DRESS AND TELEPH | | 18870 | | 9. API WELL NO. | EDLINE NO. 0 |
| | LD, SUITE 102, MIDL | AND, TEXAS 79701 | (915) 682-0095 | 30-015- | 29989 |
| | | | | 10. FELD AND POOL, OR | |
| CATION OF WELL I SURFACE | REPORT LOCATION CLEAR | LY AND IN ACCORDANCE WIT | H ANY STATE REQUIREMENTS |) EAST LOVIN | G DELAWARE |
| | SEC. 11, T23S, R28E | , EDDY CO., NEW MI | EXICO JUD | 11. SEC. T.R.M. OR BLK A | ND SVY OR AREA |
| PROPOSED PROD ZO | NE | | 1/12 11 | | |
| AME | | | ·· | SEC. 11, 123 | S, R28E |
| STANCE IN MILES AND | DIRECTION FROM NEAREST T | OWN OR POST OFFICE | | 12. COUNTY OR PARISH | 13. BTATE |
| MILES NORTHEAST | OF LOVING NEW MEXICO | | | EDDY | NM |
| TANCE FROM PROPOSED | 545' N, LINE OF E/2 | | ACRES IN LEASE | 17. NO. OF ACRES ASSIGNED | 40 40050 |
| CATION TO NEAREST TOPERTY OR LEASE LINE, I | न. | | 320 ACRES | TO THIS WELL | 40 ACRES |
| LSO TO NEAREST DRUG. U TANCE FROM PROPOSED I | | 19. PROPO | SED DEPTH | 20. ROTARY OR CABLE TOOLS | |
| O NEAREST WELL, DRILLIN R APPLIED FOR, ON THIS L | | | 6500 ¹ | ROTARY | |
| VATIONS (SHOW WHETHE | R DF, RT, GR, ETC.) | | | 22. APPROX. DATE WORK WIL | L START |
| _ | | 3040' G.L | | 4-1-98 | |
| | PRO | POSED CASING AND | CEMENTING PROGR | AM . | د د د د د د بدولت کارپژند به خواه د برواید |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CE | MENT |
| 2-1/4" | 8-5/8" | 24# | 570' | 1 350 SACKS | |
| 7-7/8" | 5-1/2" | 15.5 & 17# | 6350' | 1670 SACKS, DV TOO | L @ 3350' |
| | | | | | - 9 |
| | LE TO 570', RUN 8 - 5/8" 500#, IF SUCCESSFUL | | "WITH 350 SACKS. ND TEST TO 22 PPG EQU | | |
| RILL 7 - 7/8" HOLE | | | | / } | |
| IUD LOG FROM 36 | 300' TO T.D. | | | All the second | , • |
| | T.D. TO SURFACE CASI | | | RECEIVED | . \$ |
| COMMERCIAL, S | ET 5-1/2° CASING TO 1 | T.D. CEMENT TO SURF | FACE WITH 1670 SACKS. | RECEIVES!A | |
| OMPLETION PRO | GRAM WILL BE SUBMIT | TED UNDER SUNDRY I | NOTICE. | O_{CO} , C_{CO} | |
| NON-COMMERC | CIAL, PLUG AS PER BLA | AND NEW MEXICO O | IL & GAS COMMISSION S | SPECIFICATIONS. | |
| | | | | | |
| | | | | | |
| | | | | | n |
| | | | | | رر |
| | | | | 77 | |
| | | | | | |
| OVE SPACE DESCRIBE | PROPOSED PROGRAM: If pro | posal is to deepen, give deta- | on present productive zone and ; | proposed new productive zone. If prop | osal is to driff or |
| | | | inical depths. Give blowout prev | | |
| ED Z | | TITLE | Operations Manager | | DATE 11 01 (|
| | DERAL OR STATE OFFICE | TITLE | Operations manager | | DATE 11-21-9 |
| 11113 37 402 7 0117 2 | being on other office | 0321 | | | |
| . ON TIN | | | APPROVAL DATE | | |
| ATION APPROVAL DOES NOT W DITIONS OF APPROVAL | | IT HOLDS LEGAL OR EQUITABLE TITLE ' | | WHICH WOULD ENTITLE THE APPLICANT TO COND : | UCT OPERATIONS THEREON |
| | | | And Children | • | |
| ROVED BY | | Tive et | | | DATE 12/24/ |
| NO VED BY | | TITLE | | | _ UAIR _/X/2// |

SUBMIT IN ARIPLICATE. (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

UNITED STATES

| | BURFAU OF | LAND MANA | · | | 5. LEASE DESIGNATION AND SERIAL NO. NM-97118 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------|-------------------------------------|---------------------|---------------------------------------------------------------|
| ΔΡΡΙ | | | DRILL OR DEEP | EN | 6. IF INDIAN, ALLOTTER OR TRIBE NAME |
| a. TYPE OF WORK DR b. TYPE OF WELL OIL G | AS OTHER | DEEPEN | SINGLE CO | 1 - 10 | 7. UNIT AGREEMENT NAME 20473 8. FARM OR LEASE NAME WELL NO. |
| . NAME OF OPERATOR | 14738 | -0 | ZONE CAL Z | 2072 | HACKBERRY "29" FEDERAL |
| PENWELL ENERG | GY, INC. (BIL | L PIERCE) | 915-683-2534 | 4 | 9. API WELL NO. |
| ADDRESS AND TELEPHONE NO. | | | - | | 30-015-29991 |
| 600 NORTH MAR | | 1100 MIDI | AND, TEXAS 7970. | 1 | 10. FIELD AND POOL, OR WILDCAT |
| At surface | 1650' FEL SEC. 2 | | | • | HAPPY VALLEY DELAWARE 11. SEC., T., B., M., OR BLE. |
| At proposed prod. zor | | 9 1225-R20 | ٧ ^ | | AND SURVEY OR AREA |
| and proposed prod. 200 | •• | | 1XX . G | • | SEC. 29 T22S-R26E |
| . DISTANCE IN MILES | AND DIRECTION FROM NEAR | EST TOWN OR POS | T OFFICE. | | 12. COUNTY OR PARISH 13. STATE |
| | | hwest of Ca | arlabad New Mexi | | EDDY CO. NM |
| DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dri DISTANCE FROM PROI | T LINE, FT. g. unit line, if any, 165 | 0' | 120 | тот | OF ACRES ASSIGNED HIS WELL 40 |
| TO NEAREST WELL, D OR APPLIED FOR, ON TH | ORILLING, COMPLETED, 132 | 0' | 19. PROPOSED DEPTH 5000 1 | | TARY |
| ELEVATIONS (Show wh | ether DF, RT, GR, etc.) | 3443' GR. | | | 22. APPROX. DATE WORK WILL START* As soon as approved |
| | <u> </u> | | | | has soon as approved |
| | | PROPOSED CASI | NG AND CEMENTING PRO | OGRAM | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER F | | | QUANTITY OF CEMENT |
| 25'' 17 ¹ 5'' | Conductor 20" | NA | 40' | · l | to surface with Redi-mix. |
| 11" | H-40 13 3/8" J-55 8 5/8" | 48 24 | 350' 1650' | 625 Sx | . circulate cement to surf |
| 7 7/8" | J-55 5½" | 17 | 5000' | | . Estimate top of cement |
| | | | 7 3000 | p30 3x | 1200 |
| | | | | | surface with Redi-mix. |
| | | | 350' of 13 3/8" l, circulate cem | | ST&C casing. Cement with face- |
| ·425 Sx. of | | ss "C" + a | | | ST&C casing. Cement with Sx. of Class "C" + 2% |
| 400 Sx. of | | Light + a | | | ST&C casing. Cement with Sx. of Class "C" + 2% |
| ABOVE SPACE DESCRIE pen directionally, give pert | BE PROPOSED PROGRAM: If ginent data on subsurface location | proposal is to deepen, s and measured and t | give data on present productive | e zone and proposed | d new productive zone. If proposal is to drill or if any. |

(This space for Federal of State office use) APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 instruction on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

C AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name | |
|---------------|-----------|-------------------------|-------------|
| | 29665 | Happy Valley - Delaware | |
| Property Code | Prop | erty Name | Well Number |
| 20473 | HACKBERR' | 4 | |
| OGRID No. | Oper | ator Name | Elevation |
| 147380 | PENWELI | ENERGY INC. | 3443' |

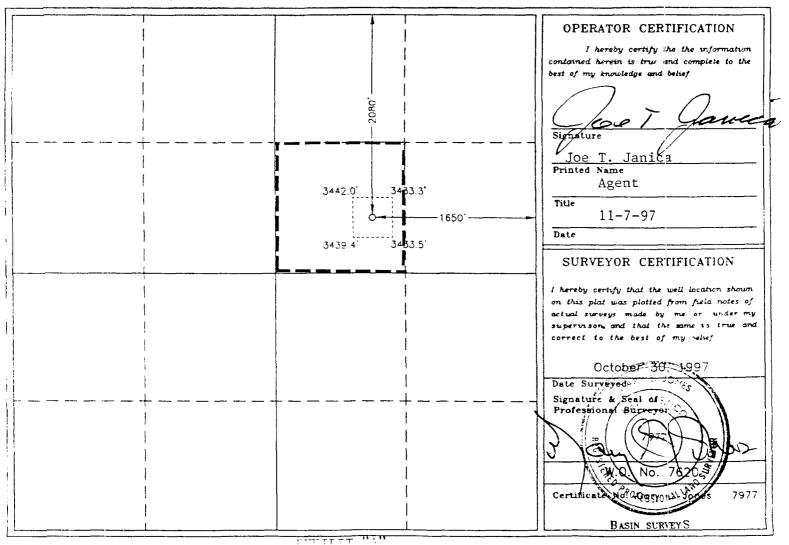
Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G | 29 | 22 S | 26 E | | 2080 | NORTH | 1650 | EAST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section To | ownship l | Range Lot | Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|-------------|--------------|---------------|-----|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or In | nfill Consol | lidation Code | 0r | der No. | | | | |
| 40 | | | | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OIL CONSERVATION DIVISION

811 South First, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

DRILL,

2040 South Pacheco, Santa Fe, NM 87505 APPLICATION

PERMIT TO DEEPEN,

FOR

RE-ENTER,

2040 South Pacheco Santa Fe, NM 87505



Fee Lease - 5 Copies AMENDED REPORT

Submit to Appropriate District Office

Instructions on back



PLUGBACK, OR ADD A ZONE 1 Operator Name and Address. ² OGRID Number **UMC Petroleum Corporation** 023654 410 17th Street, Suite 1400 ³ API Number Denver, Colorado 80202 30 - 0*15 - 3000-*3 4 Property Code ⁵ Property Name ⁶ Well No. 28 21687 Parkway West/Unit 28 #3

| | Surface Location | | | | | | | | | | |
|-------|-----------------------------------------------------------------------------------------------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|------|
| UL or | lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | |
| | M | 28 | 19S | 29E | | 1310 | South | 1310 | West | | Eddy |
| | ⁸ Proposed Bottom Hole Location If Different From Surface | | | | | | | | | | |
| UL or | UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County | | | | | | | | | | |
| | | | | | | | | · | | | 1 |

| Proposed Pool 1 | | 10 Proposed Pool 2 | | | | |
|-------------------------------|--------|--------------------|----------|--|--|--|
| Parkway; Morrow, West (82600) | Strawn | | | | | |
| | | | T_{ij} | | | |

| 11 Work Type Code | 12 Well Type Code | ¹³ Cable/Rotary | 14 Lease Type Code | 15 Ground Level Elevation |
|------------------------|------------------------------|----------------------------|--------------------------|---------------------------|
| N | O | R | S | 3297' |
| ¹⁶ Multiple | ¹⁷ Proposed Depth | ¹⁸ Formation | ¹⁹ Contractor | ²⁰ Spud Date |
| NO | 11,500' | Morrow | Neighbors Drilling | Upon Approval |
| | | | | |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/2" | 13-3/8" | 48# | 350' | 500 | Surface |
| 12-1/4" | 8-5/8" | 32# | 3200' | 1500 | Surface |
| 7-7/8" | 5-1/2" | 17# | 11,500' | 750 | 8500' |
| | | | | | |
| | | | | | |

¹² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill and complete the well to test the Morrow. If Morrow unsuccessful, the Strawn will be tested. If the well is productive the target zones will be completed as per state rules. The surface and intermediate casing string cement jobs will have an 18-hour waiting period after cementing jobs are completed. If the well is uneconomical, it will be plugged and abandoned as per state rules.

BOP Program: Blowout Preventer-12" 3000 psi type "E" double ram. 12" 3000 psi GK, 180 gallon 5 station Koomey Air Electric, 4" 3000 psi manifold.

| ²¹ Thereby certify that the information given at my knowledge and belief. | nove is true and complete to the best of | OIL CONSERVATION DIVISION | | | | | | |
|--------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------|--|--|--|--|--|--|
| Signature: | -UNV. | Approved by: | | | | | | |
| Printed name: Scott M. Webb | | Title: ORIGINAL CIONED BY TIM W. GUM DISTRICT II SUPERVISOR | | | | | | |
| Title: Regulatory Coordinate | or | Approval Date: JAN 7 1998 Expiration Date: $1-7-99$ | | | | | | |
| Date: 12/22/97 | Phone: (303)573-4721 | Conditions of Approval Diell Orly | | | | | | |

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

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DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazon Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Nan | ne |
|---------------|-----------|----------------------|-----------|
| | 82600 | Parway; Morrow, West | |
| Property Code | | Well Number | |
| | P | 3 | |
| OGRID No. | | Operator Name | Elevation |
| 023654 | UMC PETF | 3297 | |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| М | 28 | 19 S | 29 E | | 1310 | SOUTH | 1310 | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section Towns | hip Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|------------------------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or Infill Infill | Consolidation | Code Or | der No. | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | · | | |
|------|------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
| | | | Signature Scott M. Webb |
| | | | Printed Name Regulatory Coordinator Title 12/22/97 Date |
| | | | SURVEYOR CERTIFICATION I hereby certify that the well location shown |
| | | 1 | on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief. |
| 1310 | ! | | DECEMBER 16, 1997 Date Surveyed JLP Signature & Seal of College Professional Surveyor. |
| | 1310' | | Monald 62 E. Jan 5 42-17-97 |
| | | | Certificate No. ROMAID P. EDSON. 3239 |

District I PO Box 1980, Hobbs, NM 88241-1980 District II

State of New Mexico CERVEU 1 10 2 8 1994
Energy, Minerals & Natural Resources Department

Form C-101 Revised February 10, 1994

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PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM \$7410

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

| District TV PO Box 2088, See | sta Fe, NM | 87504- 208 8 | i | | · | | | | | AME | NDED REPORT | | | |
|--------------------------------------|--------------------------------------------------------------------------|---------------------------------------------|------------------------|--------------------------------------------------|----------------------------|-------------------------------------|--------------------|--------------------|------------|-------------|---------------------|--|--|--|
| APPLICA | TION I | FOR P | | | المستوالي المستوالي المراب | TER, DE | EPE | N, PLUGB | ACK, | | DD A ZONE | | | |
| | | | ' | Operator Na | me and Address. | | | | | 1 | KCRID Number | | | |
| Steve | ns & T | u11, | Inc. | | | | | | | | 021602 | | | |
| | Box 11 | | | | • | | | | | • | API Number | | | |
| | ind, TX | 7970 | 02 | | | 3/2 | | | | 30 - 0 | 15-30004 | | | |
| | erty Code | 2 | | | Sweet Thi | ng State | "3 | 6'' | | 1 | • Well No. | | | |
| <u> </u> | | | | | ⁷ Surface | Location | | | | | | | | |
| UL or lot me. | Section | Townshi | | Lot ida | Fost from the | , , | | | East/V | Vest Lac | County | | | |
| P | 36 | 20½S | | | 1000850 | | | 300 | Eas | <u>t</u> | Lea | | | |
| | | * F | roposed | Bottom | | | | t From Sur | face | | | | | |
| UL or lot me. | Section | Township | 1 | Lot Ida | Fost from the | North/South | Loc | Foot from the | East/V | Vest Lac | County | | | |
| P | 36 | 20½S | 21E | | 1000 | North | | 300 | Eas | t | Lea | | | |
| Litt! | le Box | • | oced Pool 1 n Morro | w Gas | 80240 | | | 18 Propos | ed Pool | 1. | 1.74 1 | | | |
| | | | | | | | | | | 1 | I Strain | | | |
| " Work 1 | ype Code | | " Well Typ | e Code | ¹³ Cable | Rotary | | 14 Lense Type Co | de | " Gro | und Level Elevation | | | |
| N | | ı | | G | R | | | S | | 2/1 | 158 | | | |
| " Ma | itiple | | 17 Proposed | Depth | " For | nation | | 14 Contractor | | | " Sped Date | | | |
| No | | ļ | 8250 | | Morro | row Wek | | | | | 1/1/98 | | | |
| · | | | 21 | Propos | ed Casing a | nd Cement | Pro | ogram | | | | | | |
| Hole St | * | Ca | sing Size | | weight/foot | Setting D | | | Cement | | Estimated TOC | | | |
| 17½ | | 13 | 3 3/8 | 48 | | 250 | <u> </u> | 285 "C | | Ci | rculate | | | |
| 121/2 | | 8 | 5/8 | 32 | | 1200 | | 405 "C | 11 | rculate | | | | |
| 7 7/8 | | | 51/5 | 17 | | 8250 | | 435 "H | | | 00' | | | |
| , ,,,, | | | | | | 0230 | | | | | | | | |
| | | | | | | | | | | | | | | |
| Describe the | proposed or | was. If | this applicati | en is to DEE. | PEN as PLUG BA | CK give the date | 00.1 | e present producti | Y2 2004 | | ed new productive | | | |
| 1.) Dri to 2.) Dri to 3.) Dri cel | the blower ill 17 ¹ Surfac ill 12 ¹ Surfac ill 7 7 | t prevents hole hole hole 7/8" h th 43 | to 250 to 120 ole to | ' - Set 0' - Se 8250' - | 13 3/8" (t 8 5/8" (| Casing - casing - hole log at 3000' | Cem Cem ;s - | ent with 2 | .85 si | x "C" | - Circulate | | | |
| 25 I hereby certif of my knowledg | • | • | iven above is | true and com | olete to the best | OI | L C | ONSERVA | TION | DIVI | SION | | | |
| Signature: | Julas | 19.7 | Moun | 1 | ^ | pproved by: | ÇĮÇĮ | NAL SIGNED | BYT | im W. | GUIM | | | |
| Printed name: | AEL " | G. M | 100126 | L | T | itle: Di | \$10 | ict ii supei | ry isc | A | | | | |
| Title: Cars | ultine | Eng | 1112012 | | ^ | approval Date: | AN | 8 1998 | Expiration | na Date: | -8-99 | | | |
| Date: 12/10 | 197 | | Phone: | 1699-1 | ll l | Conditions of App Attached | roval : | | | | | | | |

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II P.O. Drawer DD, Artenia, NM 88211-0719

P.O. Box 2088, Santa Fe, NM 87504-2088

DISTRICT III

DISTRICT IV

1000 Rio Brazos Rd., Asteo, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code 80240 | Little Box Canyon Morro | |
|---------------|--------------------|-------------------------|-------------|
| Property Code | Pro | perty Name | Well Number |
| ļ | SWEET TH | ING STATE 36 | 1 |
| OGRID No. | Оре | rator Name | Elevation |
| \ | STEVE | NS & TULL | 4458 |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1 | 36 | 20-½-S | 21 E | | 850 | NORTH | 300 | EAST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | lot No. Section Township | | ge Lot Id | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------|------------------------------|-------------|-----------|------------------------|------------------|---------------|----------------|--------|
| Dedicated Acres * 265.80 | Joint or Infi | l Consolida | Hon Code | Order No. * Unorthodox | location app | roval case # | | SP) |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| LOT 4 | 26.55 AC. | LOT 3 | 26.48 AC. | LOT 2 | 26.42 AC. | LOT 1 | 26.35 AC. | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | 200. | Nighture Michael G. Moorey Printed Name Consulting Engineer Title 12/10/97 Date |
| | | | | 14 | | | | SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. DECEMBER 6, 1997 |
| | | | | | | | | Date Surveyed. Signature & Seal of |
| | | | | | | | | Certificate No. RONALD CEIDEON. 3239 CART SEEDON. 12841 CONTRACTOR DEDONALD, 12185 |

District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco

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Santa Fe, NM 87505 AMENDED REPORT

| APPLICA | NOIT | FOR PE | RMIT | TO DRI | LL, RE-E | NTER, DE | E#E | NN BLUGB. | ACK, | OR AD | D A ZONE | |
|-------------------------------------|---------------|-----------------|-------------------------|--------------|----------------------|--------------------------------------------|-------------|----------------------|----------------|--------------------------|----------------------|--|
| SDX Resour | ces, Inc. | | | tor Name an | | | | A 1861 1991 | 9 | 2 O G | RID Number 020451 | |
| Midland, TX 915 <i>1</i> 685-176 | | | | | | | €.€ | 31-18(9) | <i>.</i> | | 5-29997 | |
| 4Property 0098 | | Ar | tesia Uni | <u> </u> | sProp | erty Name | | | | | ₀Well No. 73 | |
| . , | | | | | ,Surface | e Location | | | | | | |
| UL or lat no. M | Section 26 | Township 17S | Range 28E | Lot Idn | Feet from the 600 | North/South South | line | Feet from the 990 | County Eddy | | | |
| | | ,Prop | osed B | ottom F | lole Locat | tion If Diffe | rent | From Surfa | ace | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South | line | Feet from the | East/ | West Line | County | |
| Artesia, QN- | GB-SA (C | »Proposed | Pool 1 | | | | | 10Propose | ed Pool 2 | 2 | | |
| 11Work Ty | Code | | 18/-H T | C-4- | 1 | le/Rotary | | Lease Type Cod | | | d Level Elevation | |
| N | | | ¹² Well Type | Code | | R | ĺ | S | | 3687 | | |
| 16 M u N (| itiple | | 17Proposer 320 | · · | QN-GB-S | Formation %Contractor GA United Drlg. Co. | | | | 20\$pud Date 01-07-98 | | |
| | | | 21 | Propose | ed Casing | and Ceme | nt P | rogram | | | | |
| Hole Siz | e | Casing | Size | Casing | weight/foot | Setting Depth Sacks of Cement Estimate | | | | | imated TOC | |
| | -1/4" | 4.40 | 8-5/8" | | 24# | | 300 275 | | | Surface | | |
| | -7/8" | 4-1/2 - | 5-1/2" | | 9.5 - 17# | | 200 | 600 | | Suriac | | |
| | | | | | | | | | | | | |
| | | | | | N or PLUG BAC | | n the pr | esent productive z | one and | proposed ne | w productive zone. | |
| Drill a 12-1/4 | 4" hole to | 300'. Set | 8-5/8" cs | g to 300' 8 | k cmt w/275 s | x Class C cmt | Circ t | o surface. | | | | |
| Drill 7-7/8" h | ole to TD | (3200') R | un open | hole logs. | Set 4-1/2" or | 5-1/2" csg to | TD (3: | 200'). Cmt w/6 | 800 sx | Class C. C | Circ to surface. | |
| Will perf & s | timulate a | s necessa | ary for op | timum pro | duction. | | | | | | | |
| I hereby certify sest of my know | | | n above is | true and com | plete to the | 0 | IL C | ONSERVA | TIOI | N DIVIS | ION | |
| Signature: | · - | ne. | Qt. | wat | ber ! | Approved By: ORRENAL SESSEE ANY TIM W. GUM | | | | | | |
| Printed name: | Bonnie A | 10.50 | | | | Title: | DISTR | NCT II SUPE | RVIS | OR | | |
| Title: Regula | tory Tech | - | | 12/29 | /97 | Approval Date: | JAN | 8 1998 | Expira | ition Date: | -8-99 | |

State of New Mexico DISTRICT I Revised February 10, 1994 Revised February 10, 1994
Submit to Appropriate District Office P.O. Box 1980, Hobbs, NM 88241-1980 Energy, Minerals and Natural Resources Department State Lease - 4 Copies DISTRICT II Fee Lease - 3 Copies DEC 2 3 1997 P.O. Drawer DD, Artonia, NM 86211-0719 OIL CONSERVATION DIVISION DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 P.O. Box 2088 Santa Fe. New Mexico 87504-2088 DISTRICT IV ☐ AMENDED REPORT P.O. BOX 2088, SANTA PR, N.M. 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 03230 Artesia, QN-GB-SA Well Number Property Code Property Name 009811 ARTESIA UNIT 73 OGRID No. Operator Name Elevation 020451 SDX RESOURCES, INC. 3687 Surface Location Range UL or lot No. Section Township Lot Idn Feet from the North/South line Feet from the East/West line County М 26 17 S 28 E 600 SOUTH 990 WEST **EDDY** Bottom Hole Location If Different From Surface UL or lot No. Township Lot Idn Feet from the North/South line Feet from the East/West line Section Order No. Dedicated Acres Joint or Infill Consolidation Code 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Bonnie Atwater Printed Name Regulatory Tech. Title 12/29/97 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. Date Surveyed DECEMBER 19, 1997 DMCC Signature & Seal 510 Professional Surveyor 990 Certificate No. JOHA WCANEST PROFESSION ESSON 3239 12641 District) PO Box 1980, Hobbis, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION 2020 So Santa Fe, NM 87505

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AMENDED REPORT

| APPLICA | TION I | OR F | PERMIT | TO DRI | LL, RE-E | NTER, DE | EPE/ | N FILLIGB | ACK, | OR AD | D A ZONE |
|---------------------------------------------------|-------------------------|---------------------------------------|--------------------------|--------------|-------------------|----------------------|-----------|------------------------------|----------------|----------------------------------|---------------------------------------|
| SDX Resource PO Box 5061 Midland, TX | ces, Inc. I 79704 | · · · · · · · · · · · · · · · · · · · | 1Opera | tor Name an | d Address | 4.84.04 | ··co | ARTESIA | | 2 O G () | D A ZONE RICID Number 20451 Number |
| 915/685-176 | 1 | | | | | | | | | 30 - 0/3 | 5-29998 |
| (Property 0098 | | | Artesia Unit | | ₅Propo | erty Name | | | | | ₅Well No. 74 |
| | | | | | ,Surface | e Location | | | | | |
| UL or lot no. | Section 35 | Townsh 17S | ip Range 28E | Lot Idn | Feet from the 449 | North/South North | line | Feet from the 1651 | | West Line Vest | County Eddy |
| | | ,Pro | posed B | ottom F | lole Locat | ion If Diffe | rent | From Surfa | ace | | <u> </u> |
| UL or lot no. | Section | Townsh | ip Range | Lot Idn | Feet from the | North/South | line | Feet from the | East/ | West Line | County |
| Artesia, QN- | GB-SA (C | | sed Pool 1 | | | | | 10Ргорозе | ed Pool | 2 | |
| | | | | | | | | | _ | | |
| ₁₁₩ork Tyj N | | | 12 Well Type O | Code | 1 | ble/Rotary R | | սLease Type Code Տ | | 15Ground Level Elevation 3684 | |
| 16 M U | tiple | | 17Proposed | • | 18F0 QN-GB-SA | Formation SA Un | | 19Contractor ed Drlg. Co. | | ₂₀S:pud Date 01-07-98 | |
| | | L | 21 | ropose | d Casing | and Ceme | nt Pr | ogram | | | |
| Hole Siz | e | Casi | ng Size | Casing | weight/foot | Setting Dep | th | Sacks of Cen | nent | Esti | inated TOC |
| 12 | -1/4" | | 8-5/8" | | 24# | | 300 | | 275 | Surfac | е |
| 7 | -7/8" | 4-1/ | 2 - 5-1/2" | ! | 9.5 - 17# | 3 | 200 | | 600 | Surfac | e |
| | | | | | | | | | | | |
| ²² Describe the p | roposed pro | gram. If t | this application | is to DEEPE | N or PLUG BAC | K give the data or | n the pre | esent productive z | one and | proposed ne | v productive zone. |
| Describe the blo | wout prever | rtion prog | ram, if any. Us | e additional | sheets if necess | агу. | | | | | |
| Drill a 12-1/4 | 1" hole to | 300'. S | et 8-5/8" cs | g to 300' 8 | k cmt w/2/5 s | x Class C cmt | . Circ to | o surface. | | | |
| Drill 7-7/8" h | ole to TD | (3200') | Run open | hole logs. | Set 4-1/2" or | 5-1/2" csg to | TD (32 | 200'). Cmt w/6 | 800 sx | Class C. C | circ to surface. |
| Will perf & s | timulate a | s nece | ssary for op | imum pro | duction. | | | | | | |
| | | | | | | | | | | | |
| ²³ I hereby certify best of my know | | | given above is t | rue and com | plete to the | C | IL C | ONSERVA | ATIOI | V DIVIS | ION |
| Signature: | Son | zúe | | twa | ter | Approved By: C | RIGIR | iai, signed | BYT | IM W. GI | IM |
| Printed name: | Bonnie At | | | | | Title: D | ISTRI | ct it sufei | ₹ ₹ 1₹5 | N. | |
| Title: Regula | tory Tech | | | 12/29/ | 97 | Approval Date: | JAN | 8 1998 | Expira | tion Date: | -8-99 |

Energy, Minerals and Natural Resources Department

form C-102 Revised February 10, 1994 Submit to Appropriate District Office

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DISTRICT II P.O. Drawer DD, Artenia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

DIVISION OIL CONSERVATION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DEC 2 3 1997

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code 03230 | Artesia, QN-GB-SA | |
|---------------|--------------------|-------------------|-------------|
| Property Code | | Property Name | Well Number |
| 009811 | | ESIA UNIT | 74 |
| 0GRID No. | | Operator Name | Elevation |
| 020451 | | SOURCES, INC. | 3684 |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| С | 35 | 17 S | 28 E | | 449 | NORTH | 1651 | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|---------|-------------|----------------|----------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint o | r Infill Co | onsolidation (| Code Ore | ier No. | | | | : |

| | D UNIT HAS BEEN APPROVED BY THE DIVISION |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1651' | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
| | Signature Bonnie Atwater Printed Name |
| | Regulatory Tech. Title 12/29/97 Date SURVEYOR CERTIFICATION |
| | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. |
| | DECEMBER 19, 1997 Date Surveyer DMCC Signators & Seal of District Proceedings Surveyor Of MEXICAL DESCRIPTION OF THE PROCESSION OF THE |
| | Corun No. JOHN WONEST 676 ROTH ROTH SON 3239 ROTH ROTH SON 12641 |

District I PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

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811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

District II

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, NM 87505 **AMENDED REPORT**

| 1Operator Name and Address 20/A / 20/3RID N | lumber |
|----------------------------------------------------------------------|--------|
| APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEER OF LOGBACK, OR ADD A | ZONE |

| SDX Resources, Inc. PO Box 5061 | Operator Name and Address | | 2 001RID Number ()20451 |
|------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Midland, TX 79704 915/685-1761 | | The state of the s | 30 - 0 / 5 - 29999 |
| Property Code 009811 | ₅Property Artesia Unit | Name | ∘Well No. 75 |

⁷Surface Location

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West Line | County |
| F | 35 | 178 | 28E | | 1650 | North | 1650 | West | Eddy |

Proposed Bottom Hole Location If Different From Surface

| UL or lot no. Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West Line | County |
|--------------------------------------------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| Proposed Pool 1 Artesia, QN-GB-SA (03230) | | | | | | пРгороз | ed Pool 2 | |

| | HWork Type Code | 12Well Type Code | 13Cable/Rotary | 14Lease Type Code | 15Ground Level Elevation |
|---|--------------------------|--------------------------|-------------------------|-------------------|--------------------------|
| | N | 0 | К | 8 | 3684 |
| ı | 16 Multiple No | 17Proposed Depth 3200 | ₁₅Formation QN-GB-SA | united Drlg. Co. | ₂₀Spud Date 01-07-98 |
| l | | | |] | |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|----------------|--------------------|---------------------------------------|---------------------------------------|---------------|
| 12-1/4" | 8-5/8" | 24# | 300 | 275 | Surface |
| 7'-7/8" | 4-1/2 - 5-1/2" | 9.5 - 17# | 3200 | 600 | Surface |
| | | | | | . 1 |
| | | | | · · · · · · · · · · · · · · · · · · · | |
| | | | · · · · · · · · · · · · · · · · · · · | , | |

²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill a 12-1/4" hole to 300'. Set 8-5/8" csg to 300' & cmt w/275 sx Class C cmt. Circ to surface.

Drill 7-7/8" hole to TD (3200') Run open hole logs. Set 4-1/2" or 5-1/2" csg to TD (3200'). Cmt w/600 sx Class C. Circ to surface.

Will perf & stimulate as necessary for optimum production.

| 23I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | OIL CONSERVATION DIVISION | | | | | |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|--|--|--|--|
| Signature: Donnie Itwater | Approved By: ORIGINAL SIGNED BY TIM W. GUM | | | | | |
| Printed name: Bonnie Atwater | Title: DISTRICT II SUPERVISOR | | | | | |
| Title: Regulatory Tech. 12/29/97 | Approval Date: JAN 8 1998 Expiration Date: 1-8-99 | | | | | |

State of New Mexico

Form C-102

Energy, Minerals and Natural Resources Department.

Revised February 10, 1994 Submit to Appropriate District Office V ()

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DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION

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DISTRICT IV P.O. BOX 2086, SANTA FE, N.M. 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name | | | | |
|---------------|-----------|-------------------|-------------|--|--|--|
| | 03230 | Artesia, QN-GB-SA | | | | |
| Property Code | | perty Name | Well Number | | | |
| 009811 | | SIA UNIT | 75 | | | |
| OGRID No. | <u>=</u> | Prator Name | Elevation | | | |
| 020451 | | JURCES, INC. | 3684 | | | |

Surface Location

| - | UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | |
|---|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|--|
| | F | 35 | 17 S | 28 E | | 1650 | NORTH | 1650 | WEST | EDDY | |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section To | ownship | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|-------------|-----------|--------------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or In | nfill Con | solidation C | ode Ord | ler No. | | | | |
| 40 | | | | | | | | | |

| 0. | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1650 | Bonnie atwater |
| 1650' | Bonnie Atwater Printed Name Regulatory Tech. |
| | Title |
| | SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of |
| | actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. |
| | DECEMBER 19, 1997 Date Surveyed DMCC Signature A Seal 57 D D DMCC Protesional Surveyor DMA |
| | Smill (20 1/202 12-22-97 |
| | Certificate No. JOHN W SHET 676 ROMAN SEIDSON 3239 TOFE CAR SEIDSON 12641 |

District I PO Box 1980, Holxbs, NM 88241-1980

FO DOX 1800, FROMUS, 14M 00241-1800

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

| AMENDED | REPORT |
|----------------|--------|

| APPLICA | NOITA | FOR PE | RMIT | TO DR | LL, RE-EI | NTER, DE | EPE | ₹ Ŋ₽₩JGB | ACK, | OR AD | D A ZONE | |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|----------------------------|------------------------------|------------------------------------|---------------------------------------------|------------|-------------------------|-----------|----------------------------------|----------------------|--|
| SDX Resource PO Box 5061 | ces, Inc. | | | tor Name an | | (;) | oc. | RECEIVED D - ARTESIA | | 200 | RID Number 120451 | |
| Midland, TX 915/685-176 | | | | | | | | | | | 1 Number 7-30000 | |
| Property 0098 | | Ar | tesia Uni | <u> </u> | s Prope | rty Name | | | | | ₀Well No. 76 | |
| | • | · | • | | ,Surface | Location | | | | | | |
| UL or lat no. L | Section 35 | Township 17S | Range 28E | Lot Idn | Feet from the 1650 | North/South South | | Feet from the 1155 | | West Line West | County Eddy | |
| | <u> </u> | Prop | osed E | ottom F | lole Locat | ion If Diffe | rent | From Surf | ace | | <u> </u> | |
| UL or lat no. | Section | Township | Range | Lot Idn | Feet from the | North/South | line | Feet from the | East/ | West Line | County | |
| Proposed Pool 1 Artesia, QN-GB-SA (03230) | | | | | | | | 10Propos | ed Pool 2 | 2 | | |
| | | | | | | | | | | | | |
| • | 11Work Type Code 12Well Type Code 13 N O | | | | | ble/Rotary 14Lease Type Code R S | | | e | ₁₅Ground Level Elevation 3677 | | |
| | 16Multiple 17Proposed Depth No 3200 QN-G | | | | QN-GB-SA | Formation 19 Contractor SA United Drlg. Co. | | | | 20 Spud Date 01-07-98 | | |
| | | | 21 | ropose | d Casing | and Ceme | ent P | rogram | | | | |
| Hole Siz | | Casing | | Casing | weight/foot | Setting Depth Sacks of Cement | | | | Estimated TOC | | |
| | -1/4" -7/8" | 4-1/2 - | 8-5/8" | | 24# 9.5 - 17# | | 300 200 | | | Surface Surface | | |
| | -776 | 4-1/2 - | 5-1/2 | | 9.5 - 17# | <u> </u> | 200 | | / / | Suriac | е | |
| | | | | | | | | <u> </u> | | | | |
| ²² Describe the p Describe the blo | roposed pro wout prever | gram. If this ition program | application , if any. U | is to DEEPE se additional | N or PLUG BAC sheets if necessa | K give the data o | n the p | resent productive z | one and | proposed ne | w productive zone. | |
| Drill a 12-1/4 | 4" hole to | 300'. Set | 8-5/8" cs | g to 300' 8 | k cmt w/275 s | Class C cmt | . Circ | to surface. | | | | |
| Drill 7-7/8" h | ole to TD | (3200') R | tun open | hole logs. | Set 4-1/2" or | 5-1/2" csg to | TD (3 | 3200'). Cmt w/6 | 300 sx | Class C. C | irc to surface. | |
| Will perf & s | timulate a | s necessa | ary for op | timum pro | duction. | | | | | | | |
| | | | | | | roject (R-331 | 1) as (| oer OCD Order | No. R- | 10533. | | |
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | | | | | plete to the | C |)IL C | ONSERVA | OITA | N DIVIS | ION | |
| Signature: | Dono | in 1 |) te | vat | <i>x</i> | Approved By: ORIGINAL SIGNED BY TIM W. GUM | | | | | | |
| Printed name: | Bonnie At | water | | | | Title: | DIST | MICT II SUP | 21/A19 | VII. | | |
| Titte: Regula | tory Tech | | | 12/19 | 97 | Approval Date: | JAN | 8 1998 | Expira | tion Date: | -8-99 | |

DISTRICT I P.O. Box 1980, Hobbe, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
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DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088 OIL CONSERVATION DIVISION 3 1997

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, New Mexico 87504-2088

| API Number | Pool Code | Pool Name | | | | |
|---------------|-----------|-------------------|-------------|--|--|--|
| | 03230 | Artesia, QN-GB-SA | | | | |
| Property Code | Prop | erty Name | Well Number | | | |
| 009811 | ARTES | A UNIT | 76 | | | |
| OGRID No. | <u>-</u> | ator Name | Elevation | | | |
| 020451 | SDX RESOL | JRCES, INC. | 3677 | | | |

Surface Location

| UL or lot No. | Section | Township | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L | 35 | 17 S | 28 E | | 1650 | SOUTH | 1155 | WEIST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot 1dn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|----------|------------|---------------|----------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or | Infill Con | nsolidation (| Code Oro | ler No. | | | | L |

| | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Bonnie Atwater Bonnie Atwater |
| | Printed Name Regulatory Tech. Title 12/29/97 Date |
| | SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and |
| 1155' | DECEMBER 18, 1997 Date Surveyed DMCC Signature to See See See Surveyed DMCC |
| 1650* | ME 20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1 |
| | Certain Wolfest 676 ROMED EIDSON 3239 ROFESSAR EDSON 12641 |

District 1 PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

AMENDED REPORT

| APPLICA | TION | OR PE | RMIT | TO DRI | LL, RE-EN | ITER, DE | EPE | N, PLUGB | ACK, | OR AD | D A ZONE | |
|--------------------------------------------------------|------------------|-------------------|----------------|---------------|-----------------------------------------------------|------------------------------------------|---------|------------------------------------|---------|-------------------|---------------------|--|
| SDX Resource PO Box 5061 | | ··· <u></u> | 1Opera | tor Name an | 1 Address | /e ₁ | 0 | DEC 1997 CD - ARTESIA | | (| RID Number 20451 | |
| Midland, TX 915/685-176 | | | | | | /:.' | | ARTESIA | | | -3000 / | |
| 4Property 0098 | | A | tesia Uni | t | 5Prope | rty Name | 1. | Catorers' | 1 1 | | eWell No. 77 | |
| | | | | | [,] Surface | Location | | The second of the second | | | | |
| UL or lot no. | Section 34 | Township 17S | Range 28E | Lot Idn | Feet from the 1734 | North/South line Feet from the South 330 | | | | West Line East | County Eddy | |
| | | _* Prop | osed E | ottom H | lole Locati | on If Diffe | rent | From Surfa | ace | | | |
| UL or lot no. Section Township Range Lot Idn Feet from | | | | | | North/South | ine | Feet from the | East | West Line | County | |
| Artesia, QN- | Propose 3230) | d Pool 1 | | | | | юРгороs | ed Pool 2 | 2 | | | |
| ++Work Ty | | | 12Well Type | Code | | n/Rotary | | 14Lease Type Cod | e | 15 Groun | Level Elevation | |
| Ni 16 Mu | | | O 17Propose | d Denth | For | mation | | S 19Contractor | | | 3675 Spud Date | |
| No | • | | 320 | • | QN-GB-SA | | Uni | ited Drlg. Co. | | 01-07-98 | | |
| | | | 21 | ropose | d Casing a | and Ceme | nt P | rogram | | | | |
| Hole Siz | е | Casing | Size | Casing | weight/foot | Setting Depth Sacks of Cement | | | nent | Estimated TOC | | |
| | -1/4" | 4.45 | 8-5/8" | ļ | 24# | | 300 | | | Surface | | |
| | -7/8" | 4-1/2 - | 5-1/2" | • | 9.5 - 17# | 3, | 200 | | 600 | Surfac | <u>e</u> | |
| | | | | | | | | | | <u> </u> | | |
| Describe the blo | wout prever | rtion program | n, if any. U | se additional | N or PLUG BACK sheets if necessa cmt w/275 sx | ry. | | resent productive z to surface. | one and | proposed ne | v productive zone. | |
| | | | | _ | | 5-1/2" csg to | TD (3 | 3200'). Cmt w/6 | 800 sx | Class C. C | Circ to surface. | |
| Will perf & s | timulate a | s necess | ary for op | timum pro | duction. | | | | | | | |
| ²³ I hereby certify best of my knowl | | | n above is | true and com | plete to the | 0 | IL C | CONSERVA | ATIO | N DIVIS | ION | |
| Signature: |) Don . | , ~1.4 | | tru | in | Approved By: | | 15141 AIANPI | n pv : | TIM W G | | |
| Printed name: | Bonnie At | water | | | | inue: | DIST | INAL SIGNE RICT II SUPE | RVIS | OR | | |
| Title: Regula | tory Tech | | | 12/29/ | 97 | Approval Date: | W | 8 1998 | | ition Date: | -8-99 | |

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P.O. Drawer DD. Artesia, NM 86211-0719 DISTRICT III

DISTRICT II

1000 Rio Brazos Rd., Aztec, NM 67410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name | | | | |
|---------------|-----------|---------------------|-----------|--|--|--|
| | 03230 | Artesia, QN-GB-SA | | | | |
| Property Code | Pı | Well Number | | | | |
| 009811 | ARTE | SIA UNIT | 77 | | | |
| OGRID No. | | perator Name | Elevation | | | |
| 020451 | SDX RES | SDX RESOURCES, INC. | | | | |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1 | 34 | 17 S | 28 E | | 1734 | SOUTH | 330 | EA:ST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|----------|------------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres | Joint or | Infill Cor | nsolidation C | ode Ord | ier No. | | | | |
| 40 | | | | | | | | | |

| | OPERATOR CERTIFICATION |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. |
| | Bonnis Atwater |
| | Bonnie Atwater Printed Name |
| 1 | Regulatory Tech. |
| | 12/29/97 Date |
| | SURVEYOR CERTIFICATION |
| | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. |
| | DECEMBER 18, 1997 Date Surveyed DMCC |
| | Signature & Seal of the Professional Surveyor |
| | Sancia J Salson 12-22-47 |
| | Certificate No. JOHN W. WESE 676 RONALD LESSON 3239 GART FOODER 12641 |
| | "Idui TUFFSSIU CONTO |

District I PO Box 1980, Hobbs, NM 88241-1980 State of New Mexico
Energy, Minerals & Natural Resources Department

Revised October 18, 1994 (1)

District II

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OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

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| 340 South Pacheco | o, Santa Fe, | NM 87505 | | | | | | Nov a | | AMEND | ED REPORT |
|----------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------|-----------------|----------------------------------------|--------------|--------------------------|----------------------------------|
| APPLICA | TION I | FOR PE | RMIT | ro drii | LL. RE-EN | TER. DEF | BEÑ | CRUIGRA | CK | OR AD | DED REPORT D A ZONE |
| | | | 10 | Operator Naz etroleu | me and Address. m Corpor th Street | 11.1 | 'UCD | · ARTESIA | , | ° og i 0 2 5 5 | RID Number 5 7 5 |
| | | | Artes | | Mexico 8821 | 0 | | i est | · | 30 0 | PI Number |
| | rty Code | | | | | roperty Name | | 30 | 005 | 7 | 'Well No. |
| 222 | 46 | | | <u> </u> | | ven "AR | z'' s | State | 631 | (6) | 11 |
| | · | | | | ⁷ Surface | 7 | | | | | Y |
| UL or lot no. | Section 1 1 | Township 12S | Range 27E | Let Ida | Feet from the 2350 ' | North/South I | | Feet from the 1800' | East/We Wes | | County Chaves |
| | L | | | Rottom | Hole Locat | <u> </u> | | | | | Chaves |
| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South I | | Feet from the | East/W | est line | County |
| | | | | | | | | i ca ii dii tiic | 2230 | | Colley |
| | ĄĮ. | 'Propos | ed Pool 1 | BH9 A | RROYO, HU | | | 14 Propos | sed Pool 2 | , | |
| | | | | | 141 | | | ······································ | | | |
| 11 Work 7 | Type Code | 1 | ¹² Well Typ | e Code | | /Rotery tary | | ¹⁴ Lesse Type Co | rde | | ad Level Elevation |
| | ultiple | | Proposed | | " For | 11 Formation | | 19 Contractor | | 36 Spud Date | |
| ···· | N | | 71 | | ed Casing a | | | <u>Indesign</u> | ated | <i>F</i> | SAP |
| Hole S | iize | Casi | ng Size | | ng weight/foot | Setting D | | | of Cement | | Estimated TOC |
| 12 1 | | | | | 24# 1500 | | | 70 | | | rculate |
| 7 7 | /8" | 5 1, | / 2 '' | 15. | 5 # 17#_ | 7130 |) ' | 80 | | As | warranted |
| | | | | | | | | | | | |
| | ······································ | ļ | | | | | | | • | | |
| | | | | | | | | | | | |
| Yates interm set an | e theblowo Petro: ediate d cem | ot prevention leum Co e forma ent cit | program,i orpora ationa rcula | f any. Use a ation s. Ap ted to | PEN or PLUG BA iditional sheets if a proposes proximat shut of | to drii ely 1500 f gravel | ll a D' c | and test of surfa nd cavin | the ce ca | Devorasing | nian and will be ommercial |
| produc as nee MUD PR | ded f | or prod | duction to | on. 1500' | n and ce FW Ge1/L SW Ge1 | CM; 1500 | | • | | | stimulate e; |
| BOPE P | ROGRA | | E wil | | nstalled | | 8 5 | 5/8" cas | ing a | and te | ested |
| ²⁵ I hereby cert of my knowled | | | ven above is | true and com | plete to the best | O | IL C | ONSERVA | 1OIT | IVIO I | SION |
| Signature: | <u>Ulu</u> | the R. | Ma | 1 | | | | inal signi | | | GUM |
| Printed name: | CLIFT | ON R. M | AY . | <i></i> | | | | RICT II SUP | ERVIS | OR | |
| Title: | REGUI | ATORY A | GENT | | | Approval Date: 7FC 1 2 1997 Expiration Date: 12-12-98 | | | | | |
| Date: Novem | ber 5 | , 1997 | Phon | ± 505-748 | 3-4347 | Conditions of Ap | | | | | <u> </u> |

115), # 12-8-97

STRICT I D. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

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STRICT II D. Drawer DD, Artesia, NM 88210

00 Rio Brazos Rd., Aztec, NM 87410

STRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

| | | | WELL LO | CATION | AND ACREA | GE DEDICATI | | | |
|------------------------|-----------|-----------------------------------------------------------------------|--------------|-----------|--------------------------|--------------------------------|---------------|----------------|----------|
| | Number | 9964 | | Pool Code | | ₩ild | Pool Name | HA. ROY | o, NW |
| Property | | | - | | Well Number 1 | | | | |
| 0GRID N 0 2 5 5 7 5 | 0. | | | | Elevation 3688 | | | | |
| | | | | | Surface Loc | ation | | | |
| UL or lot No. | Section | n Township Range Lot Idn Feet from the North/South line Feet from the | | | | | | East/West line | County |
| K | 1 1 | 125 | 27E | | 2350 | SOUTH | 1800 | WEST | CHAVES |
| | | | Bottom | Hole Loc | cation If Diffe | erent From Sur | face | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acre | s Joint o | r Infill Co | onsolidation | Code Or | der No. | | I | | <u> </u> |
| NO ALLO | DWABLE V | VILL BE A | | | COMPLETION UNIT HAS BEEN | JNTIL ALL INTEI APPROVED BY | | EEN CONSOLIDA | ATED |

| ON A NON BIAN | AND ONLY HAS BEEN ALL NOVED BY THE DIVISION |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belist. |
| | Clift R. May Clift R. May |
| | Printed Name Regulatory Agent Title November 5, 1997 Date |
| | SURVEYOR CERTIFICATION |
| 1800' | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. |
| 70-4699 | Date Street JONES Signature a SALE AT Procession Surveyor Certificate No. systems to Jones RLS 3640 |
| | UNFORGVN DISK #6 GENERAL SURVEYING COMPANY |

District 1

PO Box 1980 Hobbs, N.M. 88241-198O

District II

P.O. Drawer DD, Artesia, N.M. 88211-0719

District III

1000 Rio Brazos Rd., Aztec, N.M. 87410

State of New Mexico Energy, Minerals & Natural Resources Department

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Form C-101

OIL CONSERVAT.fON DIVISION PO Box 2088 Santa Fe. NM 87504-2088

| District IV | rtu., rizice, | 11.111. 07410 | | Santa | a re, NM | 3/504-2088 | | | | ree | iease - 5 Copies |
|-------------------------------------|---------------|---------------|---------------|--------------|-------------------|------------------|---------|---------------------------------------|------------|-------------------|---------------------------|
| P.O. Box 2088, Sa | anta Fe, N.M. | 87504-2088 | | | | | | | |]AMEN | DED REPORT |
| APPLICA | TION | FOR PI | | | | | EPEN | N, PLUGBA | ACK, | | DD A ZONE |
| | | | 1 | Operator Na | me and Address | 5 | | | | ² OGR | ID Number |
| | | | Pogo P | roducing | Company | | | | | į. | 017891 |
| | | | P.O. Bo | x 10340 | | | | | | 4 | 1 Number |
| | | | Midlan | d, Texas | 79702 | | | | | 30-015 | 29987 |
| 4 Proper | ty Code | | | | 5 J | Property Name | | | | | 6 Well No. |
| 10 | 7565 | ĺ | | | Н | arroun "15" | | | | | 7 |
| | | | | | 7 Surface | e Location | | | | | |
| UL or Lot No. | Section | Townshi | Range | Lot Idn | Feet from the | North/South | line | Feet from the | East/W | est line | County |
| C | 15 | 24S | 29E | | 330 | North | | 1980 | | Vest | Eddy |
| | | 8. | Propose | d Botton | n Hole Lo | cation If Dif | feren | t From Surf | face | | |
| UL or Lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South | line | Feet from the | East/W | est line | County |
| | i | 9. Proj | osed Pool 1 | .i | 1 | | !_ | 10. Propo | osed Poo | 1 2 | |
| | Pierce C | rossing | , Bone S | prings E | • | | | | | | |
| 11. Work 7 | Type Code | 1 | 12. Well Typ | e Code | 13. | Cable/Rotary | · · | 14. Lease Type Co | nde | 1 | 5. Ground Level Elevation |
| N | | İ | O | Couc | | R | | S | Juc | | 2939' |
| 16. N | 1ultiple | | 17. Proposed | - | 18. | Formation | | 19. Contractor | | | 20. Spud Date |
| S | S | | 8250 | <u>'</u> | Bone | Springs | | N/A | | Upor | ı Approval |
| | | | 2 | 21. Propo | sed Casing | g and Cemer | nt Pro | ogram | | | |
| Hole Si | ize | Cas | ing Size | Casii | ng weight'foot | Setting D | epth | Sacks o | f Cement | i I | Estimated TOC |
| 14-3/4 | 1) | 10 | -3/4" | 32. | 75# H-40 | 500' | | 500 | | | Surface |
| 9-7/8 | | | 5/8" | L | 40# J- 55 | 3000 | | 900 |) SX | | Surface |
| 6-3/4 | '' | 4- | 1/2" | 11. | 60# J-55 | 8250 | 1 | 900 | sx | | 3200' |
| | | | | | • | | | | | | |
| | | | | | | <u> </u> | | | | | |
| 22. Describe (zone. Describe | | t preventio | n program, if | any. Use add | ditional sheets i | f necessary. | present | productive zone | and prop | osed new p | roductive |
| | | | | | - | orings Test. | | | | | 4 |
| | | B.O | .P. Sketc | h attache | ea. | , ; , | 1 | | | | 4 |
| | | | | | | | | | | , it | · C |
| | | | | | | : | | | 0, | ODECEIL | (Fr |
| | | | | | | $r=\tilde{f}$ | | | , | RECEIV OD ARTI | ED ESTA |
| | | | | | | | | | | ` | -0/4 |
| | | | <u> </u> | | ··· | | | | | | |
| 23. I hereby cert of my knowledg | | nformation g | iven above is | true and com | olete to the best | Ol | L C | ONSERVA | TION | DIVIS | ION |
| Signature: | Λ | m h | 1, G 1 | lett V. | 7 | Approved by: | | | | | |
| Printed Name: | | | | tchie, Jr. | | T'AL. | | NAL SIGNED ICT II SUPEI | | | UM |
| Title: | <u></u> | | Agent | | | Approval Data: | ΔN | | Expiration | | 1-8-99 |
| Date: | | | Phone: | | | Conditions of Ap | | | | <i>I</i> | <u> </u> |
| | 12/31/ | 97 | | (915)6 | 82-6601 | Attached: | | | | | |

DISTRICT I P.O. Bex 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2088, Santa Fe, NK 87504-2088

1000 Rio Brazos Rd., Axtec, NM 87410

| | | ٦ | WELL LO | CATION | AND ACREA | AGE DEDICATI | ON PLAT | | |
|-----------------|--------------|---------------|-------------|-----------|-----------------|--------------------------------|-----------------|------------------------------------------------|------------------|
| API | Number | | i | Pool Code | | 7 | Pool Name | | |
| Property (| Code | 1 | · · · · · · | 96473 | Property Nam | LEILE CROSSI | NG, DONE. | Strings E. Well Num | har |
| 1750 | | | | | HARROUN | | | 7 | ine: |
| OGRID N | | | | | Operator Nam | | | | |
| 01789 | 7 | | | POGO | | | | 2939 | |
| <u>-</u> | | <u> </u> | | | Surface Loc | ation | | | <u></u> |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| С | 15 | 24 S | 29 E | | 330 | NORTH | 1980 | WEST | EDDY |
| | | <u> </u> | Bottom | Hole Lo | cation If Diffe | erent From Sur | face | <u> </u> | <u></u> |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| | | <u> </u> | l | | | | | | |
| Dedicated Acres | Joint o | r Infill Co | nsolidation | Code Or | der No. | | | | |
| | | | | | | | | | |
| NO ALLO | WABLE V | | | | | INTIL ALL INTER APPROVED BY | | EEN CONSOLIDA | ATED |
| | | Ā | 330. | | <u> </u> | | OPERATO | OR CERTIFICAT | TION |
| 1 | 980' | | 'ନ୍ତି) | 1 | · · | | 13 | ny certify the the tr | 11 |
| | 1 | | | į | | | 11 | n is true and compl | 11 |
| | 1 | | | | ! | | best of my know | wledge and belief. | |
| | į, | | | | ! | | | | 11 |
| | į, | | | | ! | | A. | luc Post | th |
| | <u> </u> | | | | 1 | | Signature | 100.00 | // [[|
| | 1 | - | | | T- | | TAMES | M.C. Rott | rie In |
| | 1 | | | | ļ | | Printed Nam | ie . | |
| | i ; | | | } | į | | AGEN | π | [] |
| |] | | | | | | Title / 2/3/ | 100 | |
| | } ! | | | | 1 | | | /7/ |]] |
| | ļ | | | | j | | | D. CEDWING | men |
| | i | ···· | | ļ | | | SURVEYO | OR CERTIFICAT | TION |
| | i | | | | ! | | 1 1 | y that the will locat as plotted from field | 1.1 |
| | 1 | | | ł | 1 | | 5 S | made by the er | - 11 |
| | 1 | | | | 1 | | 13 - | nd that the same is he best of my belia | 1 1 |
| | 1 | | | | ı L | | DECEN | MBER 18, 199 | 97 |
| | | | | 1 | 1 | | Date Survey | | JLP |
| | | | | ┼ | +- | | Signature & | | |
| 1 | 1 | | | | 1 | | | | |
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| | ļ | | | | ! | | Denell, | · · · · · · · · · · · · · · · · · · · | 12-22-97 |
| | ! | | | | ! | | / W.O. & | úm. 97-11-21 | U64 |
| |) | | | | Ì | | Certificate 1 | No. RONALD LEDSO | |
| } | 1 | | | | | | | MACON MCDONA | |

District II

811 S. 1st Street Artesia, NM 88210-1404

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

Date:

1/9/98

Phone:

(505)748-1288

PO Box 2088, Santa Fe, NM 87504-2088

Energy, Minerals & Natural Resourses Department

OIL CONSERVATION DIVISION PO Box 2088

Santa Fe, NM 87504-2088

Revised February 10, 1994

Instructions on back A Submit to Appropriate District Office

State Lease - 6 Copies 4

| | $\left\langle i_{\mathbf{D}}^{(n)}\right\rangle$ | A Ben A | MENDED REPORT |
|--------------------|--------------------------------------------------|--------------|---------------|
| | $\int_{\mathbb{R}^2} \frac{f^2}{f^2}$ | AL CHIE HAI | |
| O DRILL, RE-ENTER, | DEEPEN, | PLOOBACK, OF | R ADD A ZONE |

| APPLICA | TION I | FOR PE | ERMIT | ro dri | LL, RE-EN | TER, DE | PEN | I, PLOOBX | CK, | OR AL | DD A ZONE |
|-----------------------------|---------------|-----------------|----------------|----------------------|----------------------------------------|-----------------|--------------|---------------------------------------|---------------------|--------------|---------------------|
| | | | λ. | • | r Name and Addr | ess | // | oco. | , i | ·/ | RID Number |
| | | | IV) | | y Corporation Box 960 | | | | | | 013837 PI Number |
| | | | A | rtesia, NN | 1 88211-0960 | | | e e e e e e e e e e e e e e e e e e e | | | 15-3005 |
| Prope | rty Code | | | | Pro | perty Name | | | | | Well No. |
| ウィフィ | 21/7 | , | | | | | | | | | 1 |
| a pa | 40 | | | | Surface I | niper State | | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South I | ine | Feet from the | East/V | Vest line | County |
| M | 16 | 178 | 30E | | 890 | South | | 990 | , | West | Eddy |
| 141 | 1 10 | | | Bottom l | Hole Locati | · | erent | | | 77 031 | Ludy |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South I | | Feet from the | | Vest line | County |
| | | | | | | | | | | | |
| | 1 | Propo | sed Pool 1 | L | | | | Propose | d Pool | 2 | <u> </u> |
| | Loca | o Hills Pa | ddock 9 | 6718 | | | | | | | i |
| | | | | | | | | | | | |
| Work T | ype Code | Well Type | Cable/ | le/Rotary Lease Type | | | e Code Groun | | und Level Elevation | | |
| <u> </u> | | | 0 | | R | | | S | | | 3662 |
| | ltiple | | Proposed | | Form | | | Contractor | | | Spud Date |
| N | io | | 5500 | | Padd | | L | LaRue | | <u> </u> | 1/10/98 |
| Hole S | 178 | Cas | ing Size | | Casing an | Setting D | | | f Cemen | | Estimated TOC |
| 12 1/4 | | | 5/8 | Cash | 24# | 450' | | Ci | | <u>`</u> | Listimated TOC |
| 7 7/8 | + | | 1/2 | <u> </u> | 17# | 5500' | | Sufficier | | rc | |
| | | | | | | | | | | | |
| | | | | 1 | | | | | | | |
| | | | | | | | | | | | |
| | | | | | EN or PLUG BAC ditional sheets if n | | on the | present productiv | e zone a | ind proposed | d new productive |
| | N | 1ack Ener | gy Corpor | ation prop | oses to Drill to | 450', run 8 5/3 | 8" cas | ing and cemen | t. Dril | l to 5500' | and test |
| Paddock 2 | Zone, run | 5 1/2" cas | sing and ce | ment. Put | well on produc | ction. | | | | | |
| | | | | | | | | | | | |
| Note: Or | Producti | on string, | a fluid cal | iber will b | e run, will figur | e cement, wit | h 25% | 6 excess, attem | pt to c | irculate. | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| I hereby certify | | ormation giv | en above is t | rue and comp | lete to the best | OI | L CO | ONSERVA | TION | DIVIS | ION |
| of my knowledg Signature | e and bellet | C1: | 7 | 1- | | pproval by: | | | | | |
| Printed name: | | \(\mathcal{U}\) | <u>. سنے ک</u> | law | <u> </u> | itle: | | | | | UM . |
| | _ | Crissa I | D. Carter | | | ! | DISTA | rict II Bupe | | | n 00 |
| Title: | | Product | ion Clerk | | ^ | pproval Date: | 1-9 | 1-98 | Expinti | on Diste / | - 4 = 44 |

Conditions of Approval: Attached 🔲

DISTRICT I P.O. Bex 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 58211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brazos Rd., Astec, NM 87410

P.O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | 9671 | Pool Code | Loc | co Hills Pado | Pool Name | | |
|-----------------------------------------|------------------|----------------|--------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Property Code | | F | PER STA | le . | | Well Num | ıber |
| OGRID No. 013837 | | MACK ENE | - 4 <u> </u> | Elevation 3662 | | | |
| | | Sur | face Loca | ation | | | |
| UL or lot No. Section | Township Range | Lot Idn Feet | from the | North/South line | Peet from the | East/Nest line | County |
| M 16 | 17 S 30 | E L | 890 | SOUTH | 990 | WEST | EDDY |
| | | | | erent From Sur | | | |
| UL or lot No. Section | Township Range | Lot Idn Feet | from the | North/South line | Feet from the | East/Nest line | County |
| Dedicated Acres Joint of NO ALLOWABLE V | VILL BE ASSIGNED | TO THIS COM | LETION (| JNTIL ALL INTER | | EEN CONSOLIDA | ATED |
| 990'- | | | | | Signature Crissa Printed Nam Product Title 1/9/98 Date SURVEYO I hereby certifient surveys supervison accorrect to till JANUA Date Survey Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signatur | or Clerk OR CERTIFICAT The that the well locate plotted from field made by me or and that the same to be best of my best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of the best of | FION Non shown d notes of under my or true and uf. 98 JLP 004 ON. 3239 |

District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

AMENDED REPORT

Fee Lease - 5 Copies

| SDX Resour | • | | 1Opera | tor Name an | d Address | | | | | RID Number 20451 |
|---------------------------------------|--------------|----------|------------------|-----------------------------------------|------------------|------------------|-------------------|----------|--------------------------|---------------------|
| Midland, TX 915/685-176 | 79704 | | | | | | | | | Number 30002 |
| 4Propert | • | Ar | tesia Unit | | 5 Prope r | ty Name | | | | sWell No. 78 |
| | | | | , , , , , , , , , , , , , , , , , , , , | ,Surface | Location | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East∧ | Vest Line | County |
| Н | 3 | 18S | 28E | | 1650 | North | 990 | E | East | Eddy |
| | | Prop | osed B | ottom I | Hole Location | on If Differen | t From Surfa | ice | | · · · · · · |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East∧ | West Line | County |
| Artesia, QN- | GB-SA (| Proposed | Pool 1 | | | | 10Propose | d Pool 2 | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| 11Work Ty | | | 12Welf Type Code | | 13Cable/Rotary | | 14Lease Type Code | | 15Ground Level Elevation | |
| N | ı | 1 | 0 |) l F | | R I S | | | 3651 | |

| ₁₁Work Type Code | 12Well Type Code | 13Cable/Rotary | 14Lease Type Code | 15Ground Level Elevation |
|------------------|------------------|----------------|-------------------|--------------------------|
| N | 0 | R | S | 3651 |
| 16Multiple | 17Proposed Depth | 19Formation | 19Contractor | 20/3pud Date |
| No | 3200 | QN-GB-SA | United Drlg. Co. | 01-07-98 |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|---------------------------------------|--------------------|---------------|-----------------|---------------|
| 12-1/4" | 8-5/8" | 24# | 300 | 275 | Surface |
| 7-7/8" | 4-1/2 - 5-1/2" | 9.5 - 17# | 3200 | 600 | Surface |
| | | | | 1 1 | . / / |
| | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | |

²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill a 12-1/4" hole to 300'. Set 8-5/8" csg to 300' & cmt w/275 sx Class C cmt. Circ to surface.

Drill 7-7/8" hole to TD (3200') Run open hole logs. Set 4-1/2" or 5-1/2" csg to TD (3200'). Cmt w/600 sx Class C. Circ to surface.

Will perf & stimulate as necessary for optimum production.

| ²³ I hereby certify that the information given above is true and best of my knowledge and belief. | OIL CONSERVATION DIVISION |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Signature: Bonnie (Hun | Approved By: ORIGINAL SIGNED BY TIM W. GUM |
| Printed name: Bonnie Atwater | Title: DISTRICT II SUPERVISOR |
| Title: Regulatory Tech. 12 | 29/97 Approval Date: JAN & 1000 Expiration Date: 1-8-99 |
| | 0 1000 |

Form C-102

Energy, Minerals and Natural Resources Departm

Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION 2 3 1997

Fee Lease - 3 Copies

1000 Ric Brazos Rd., Aztec, NM 87410 DISTRICT IV P.O. BOX 2088, SANIIA PE, N.M. 67504-2088

P.O. Box 2088

Santa Fe, New Mexico 87504-2088-----

TJ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name | |
|---------------|-----------|-------------------|-------------|
| | 03230 | Artesia, QN-GB-SA | |
| Property Code | • | perty Name | Well Number |
| 009811 | | IA UNIT | 78 |
| OGRID No. | - | rator Name | Elevation |
| 020451 | | URCES, INC. | 3651 |

Surface Location

| i | UL or lot No. | Section | Township | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| İ | Н | 3 | 18 S | 28 E | | 1650 | NORTH | 990 | E:AST | EDDY |

Bottom Hole Location If Different From Surface

| Γ | UL or lot No. | Section . | Township | Range | Lot idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|-----------------|-----------|-------------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | | |
| Γ | Dedicated Acres | Joint o | r Infill Co | nsolidation (| Code Or | der No. | | | | |
| | 40 | | | | | | | | | |

| 990' | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Bonnie Atwater Printed Name Regulatory Tech. Title 12/29/97 Date |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ! | SURVEYOR CERTIFICATION |
| | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. |
| | DECEMBER 18, 1997 Date Surveyor DMCC Signature Seat 10 Profesional Surveyor |
| | Corting to No John 10 JEST 676 ROFESSON 3239 12641 |



GOVERNOR

Mr. Michael Williams

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

October 14, 1986

Re: CASE NO. ______

ORDER NO. R-8325

POST IDFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

| Amoue Production Company | 01.051. No. R-8325 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| P. O. Box 3092 Modeston, Texas 77283 | Applicant: |
| , , as a second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second | Amoco Production Company |
| Dear Sir: | |
| Enclosed herewith are two copie Division order recently entered | s of the above-referenced in the subject case. |
| Sincerely, | |
| R. L. STAMETS Director | |
| | |
| | |
| | |
| | |
| | |
| | |
| RLS/fd | |
| Copy of order also sent to: | |
| Hobbs OCD x Artesia OCD x Aztec OCD | |
| Other Ronald F. Horn | |
| | |