| | | | | Revised March 25, 2017 |
|--|--|---|---------------------------------|---|
| 6/01/2017 | REVIEWER MA | TYPE PLC | APP NO LIA | 41715257726 |
| | | OIL CONSERVAT I & Engineering E cis Drive, Santa | Bureau – | |
| THIS CHECK | | TIVE APPLICATIO | | DIVISION BUILTS AND |
| THIS CHECK | IST IS MANDATORY FOR ALL AI REGULATIONS WHICH REQUI | | | |
| pplicant: Merrion Oil & | | | | Number: <u>14634</u> |
| ell Name: North Dufers | | | | -045-35828 |
| Ool: Duffers Point Gallup I | Dakota FESCPIT | 10 (7-114P | Pool C | ode: 14859 \$226 |
| | | INDICATED BELOW | | HE TYPE OF APPLICATION PLC 387-A |
| A Location - Spe | ON: Check those what can be compared to the control of the control | eous Dedication | PRORATION UNIT) | D I |
| NOTIFICATION REQ A. Offset oper B. Royalty, over C. Application D. Notification E. Notification F. Surface over | ling – Storage – Mea C | PC OLS Increase – Enhan DIPI EOI DISE which apply rs ers, revenue owne notice approval by SLO approval by BLM | ced Oil Recover R PPR ers | FOR OCD ONLY Notice Complete Application Content Complete |
| understand that no | roval is accurate and | d complete to the n on this application | best of my knov | |
| Note Sta | lement must be completed | by an individual with me | anagenal and/or super | visory capacity |
| hilana Thompson | | | 5/31/2017 Date | |
| rint or Type Name | | | 505-486-1171 | |
| Hashud II | MARRAMAN | | Phone Number | |
| gnature | <u> </u> | - into- | pthompson@merric | on b/ |
| piulore | | | e-mail Address | |

Attachment A Merrion Oil and Gas Corporation Surface Commingle Application

| API# | Well Name | UI Sec | Twp | Rng | Spacing | Pool | Pool Code | Comments |
|--------------------|----------------------|--------|-----|-----|------------------------|-----------------------------|-----------|-------------------------|
| 30-045- ، 26536 | FEDERAL A#2 | P- 11 | 24N | 8W | S/2 SE/4 Section 11 | Escrito Gallup (Associated) | 22619 | |
| 30-045- 25580 | JALAPENO#1 | C-16 | 25N | 8W | NW/4 Section 16 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 25579 | ROADRUNNER#1 | E- 2 | 24N | 8W | NW/4 Section 2 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 26133 | SHOOFLY#1 | C-14 | 24N | 8W_ | NW/4 Section 14 | Dufers Point-Gallup Dakota | 19859 | / |
| 30-045- 22225 | FEDERAL A#1 | O-10 | 24N | 8W | SE/4 Section 14 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 26322 | SHOOFLY#2 | A- 15 | 24N | 8W | NE/4 Section 15 | Dufèrs Point-Gallup Dakota | 19859 | |
| 30-045- 25931 | STEPHENSON#2 | I- 7 | 25N | 8W | SE/4 Section 7 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 25985 | STEPHENSON#3 | K- 8 | 25N | 8W | SW/4 Section 8 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 25986 | , STEPHENSON#4 | O- 8 | 25N | 8W | SE/4 Section 8 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 25912 | WAGON TRAIN#1 | I- 6 | 25N | 8W | SE/4 Section 6 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 25376 | WARITO#1 | B- 7 | 25N | 8W | NE/4 Section 7 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 26014 | WILD HARE#1 | D- 11 | 24N | 8W | NW/4 Section 11 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- / 25927 | SOB FEDERAL#1 | E- 8 | 25N | 8W | NW/4 Section 8 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 26310 | HORSEFLY#1 | M-11 | 24N | 8W | SW/4 Section 20 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 26584 | YUCCA COM#1 | H- 2 | 25N | 9W | NE/4 Section 2 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 05299 | KEELING FEDERAL#1 | B-20 | 25N | 8W | NE/4 Section 20 | Dufers Point-Gallup Dakota | 19859 | |
| 30-045- 35828 | LOGOS 2508 20D#15 | D-20 | 25N | 8W | NW/4 Section 20 | Dufers Point-Gallup Dakota | 19859 | LOGOS OPERATING, LLC |



DE BUIL

May 26th, 2017

2017 . 1 25 = 2 23

RE:

Notice to working and royalty interest owners

Proposed addition of the Logos 2508 20D #15 to the North Dufers Point CPD #97133

Dear Interest Owner:

According to our records, you have a working interest or royalty interest in one or more wells that is either currently connected or proposed to be connected to the North Dufers Point CPD #97133. The NMOCD requires that all working and royalty interest owners be notified of the plans to surface commingle when ownership is different between wells.

Merrion Oil & Gas Corporation is applying to the New Mexico Oil Conservation Division (NMOCD) and Bureau of Land Management for approval to add the Logos 2508 20D #15 (Operated by Logos Operating, LLC) to the North Dufers Point CPD which currently has 17 wells approved for the system. The Logos 2508 20D #15 will add the Dufers Point Gallup Dakota pool; this will require surface commingling of gas production, plus the sale of gas at an off-lease central delivery system.

Logos 2508 20D #15 interest owners will pay the cost required to install, operate and maintain the addition to the existing gathering system and all associated costs for the tie-in of the Logos 2508 20D #15 to the North Dufers CPD. As an interest owner in any of the remaining well(s), your only cost will be the existing fee charged for gathering and compression. You will not be billed for any costs associated with the tie-in of the Logos 2508 20D #15

We plan to produce the commingled gas through a shared compressor. Produced liquids will not be surfaced commingled. A copy of our application to surface commingle is attached for your reference. This proposal will not affect your interest in these wells and should allow for optimum operations on all wells. This method of operations will help to keep our operating expenses low as possible. This will allow all interest owners to recover more of the gas reserves from each well. If you need additional information or have any questions, I may be contacted at 505-486-1171

If you have any objections to our application, you must notify in writing Merrion Oil & Gas and the NMOCD Santa Fe office at 1220 South St Francis Drive, Santa Fe, NM 87505 within 20 days The application was mailed to the NMOCD on the date of this letter.

Sincerely.

Philana Thompson

Regulatory Compliance Specialist

Antiner Theym

505-486-1171

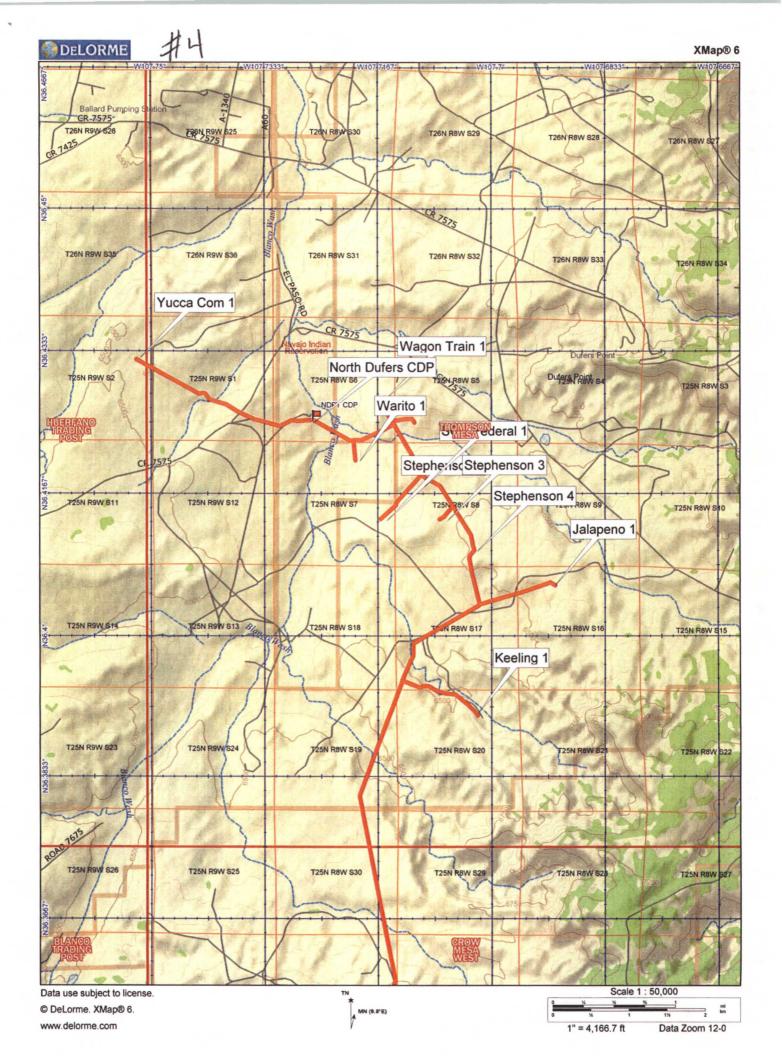
pthompson@merrion.bz

cc Logos Operating, LLC New Mexico OCD Farmington BLM 610 Reilly Avenue Farmington, NM 87401 main 505.324 5300 fax 505 324 5350

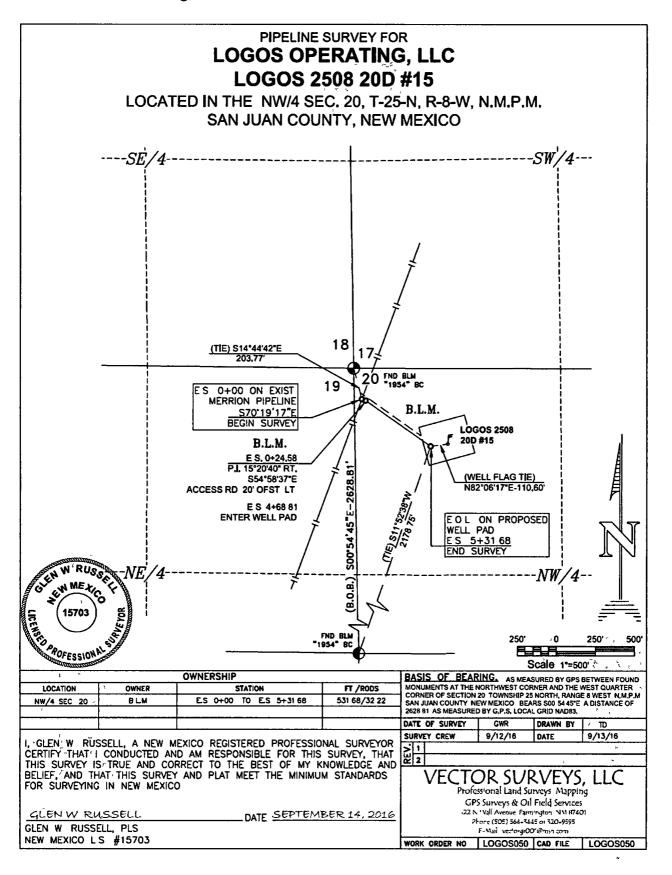
1" = 4,166.7 ft

Data Zoom 12-0

www.delorme.com



#5 Schematic Diagram -



#6 Estimated Monthly Production - Sample Month

June

| Well CPD Sales Meter | API | Lease | Gas Sales Volume MCF @ 14.073 8540 | вти 1321 |
|------------------------|--------------|--------------|---|-------------|
| Federal A2 | 30-045-26536 | NMNM14580A | 611 | |
| Federal A3 | 30-045-26525 | NMNM14580A | 343 | |
| Federal A1 | 30-045-22225 | NMNM14580A | 467 | |
| √Jalapeno 1 | 30-045-25580 | State | 303 | |
| Roadrunner 1 | 30-045-25579 | State | 266 | |
| Shoofly 1 | 30-045-26133 | NMNM16589 | 490 | |
| Shoofly 2 | 30-045-26322 | NMNM16589 | 439 | |
| Stephenson 2 | 30-045-25931 | NMSF078475 | 239 | |
| √ Stephenson 3 | 30-045-25985 | NMSF078475 | 0 | |
| √Stephenson 4 | 30-045-25986 | NMSF078475 | 862 | |
| V wagon Train 1 | 30-045-25912 | NMNM54982 | 1730 | |
| Warito 1 | 30-045-25376 | NOOC14205008 | 663 | |
| Wild Hare 1 | 30-045-26014 | NMNM47167 | 0 | |
| SOB Federal 1 | 30-045-25927 | NMNM47169 | 1172 | |
| √ Horsefly 1 | 30-045-26310 | NMNM014580 | 536 | |
| √Yucca Com 1 | 30-045-26584 | State | 1314 | |
| Keeling #1 (test meter | 30-045-05299 | NMSF-078474 | 1405 | |

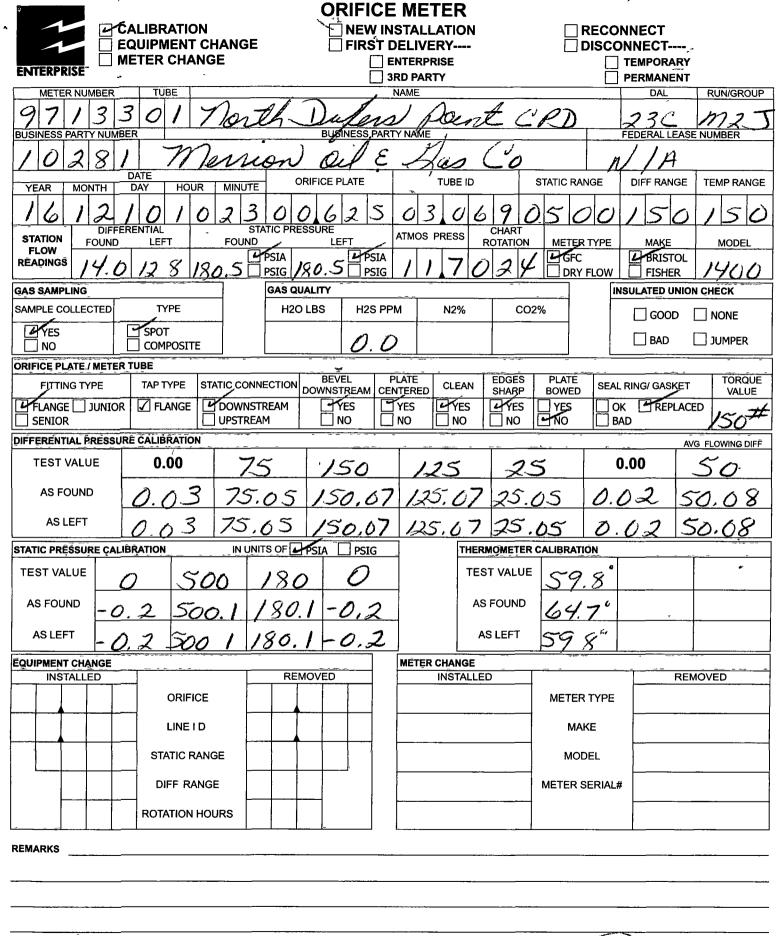
#7 Summary Report

610 REILLY AVENUE, FARMINGTON, NM 87401 NEW MEXICO OPERATOR'S MONTHLY REPORT (FORM C-115)

DECEMBER, 2016 PRODUCTION DISPOSITION OF GAS DISPOSITION OF OIL 2100 TRANS HAND AT HAND AT POOL HAME WELL PROD DAYS TO POR-OIL/COMD WTR IHCH STATUS IHCF PEGOP TRAHS-EHD OF @ 45,825 @ 14.75 PROD TER PROD PROD @ 15.825 TER PORTER 045,825 **DUFERS POINT-GALLUP DAKOTA** P 104 10 26 EFS 156 U 379 0 30-045-22225 NMNM14580A Federal A 1 414 258 0 WR 483 1307 1282 S 0 EFS 171 WR 171 30-045-26536 NMNM14580A Federal A 2 0 EFS NMNM14580 Horsefly 1 S 0 0 0 314 WR 0 314 0 30-045-26310 0 0 0 0 P EFS 174 1307 State Jalapeno 1 0 0 276 31 102 224 0 WR 0 224 1282 30-045-25580 NMSF078474 P 842 31 695 EFS 147 145 0 175 30-045-05299 Keeling Federal 1 30 50 0 WR 1307 1282 146 State Roadrunner 1 P 27 65 **EFS** 99 0 99 1307 1282 0 0 211 WR 30-045-25579 P EFS 1282 NMNM16589 Shoofly 1 0 0 105 16 22 83 245 0 WR 0 245 1307 30-045-25579 EFS NMNM16589 Shoofly 2 S 244 0 244 30-045-26133 0 0 0 0 0 0 WR 0 NMNM47169 SOB Federal 1 S 299 0 0 0 0 0 0 **EFS** 0 0 WR 299 0 0 30-045-25927 NMSF078475 EFS 30-045-25931 Stephenson Federal 2 0 0 0 0 0 0 EFS 30-045-25985 NMSF078475 Stephenson Federal 3 S 0 0 0 0 NMSF078475 Р 20 30 254 EFS 200 Stephenson Federal 4 (Revised 2/1/17) 454 30-045-25986 EFS 274 NMNM54982 Wagon Train 1 5 10 1283 31 1009 357 191 WR 2 S 169 1307 1282 30-045-25912 P 199 EFS 156 1307 30 43 30-045-25376 NOOC14205008 | Warito 1 0 0 311 0 WR 0 311 1282 S EFS 0 NMNM47167 Wild Hare 1 0 0 0 0 0 0 89 0 WR 89 0 0 30-045-26014 EFS State Yucca Com 1 S 0 0 0 0 150 0 WR 0 150 0 0 30-045-26584 0 FIELD TOTALS 145 90 3784 222 2448 1336 3027 191 2973

NOVEMBER 2016

| | | | NUVEMBER, 2016 | | | | | | | | | | | | | | | | |
|--------------|--------------|--------------------------------|--------------------|------------|------------------------------|---------------------|-------------------------------------|--------------|------------------------------|-------------------------------|--------|--|---|-----------------------|-----------|------|---|--------------------|-------------------|
| | | | | njectio | n | PRODU | JCTION | | DIS | POSI | TION (| Off . | DISP | OSITION | OF OI | _ | | | |
| | | POOL NAME WELL NAME AND NO. | WELL STATU S | Volu me | BBLS OIL/C OND PROD | BBLS WTR PROD | GAS PROD (MCF) @15.02 5 | DAYS PROD | SOLD (MCF) @ 15.025 | TRA NS- PO R- TER | OTHER | OIL ON HAND AT BEG OF MONTH | BARRE LS TO TRANS- PORTE R | TRANS- POR- TER | 0 T H E R | СООШ | OIL ON HAND AT END OF MONT H | BTU @ 15.025 | BTU @ 14.73 |
| 30-045-25580 | State | Jalapeno 1 | Р | | 0 | 0 | 283 | 30 | 120 | EFS | 163 | U 224 | 0 | WR | 0 | | 224 | 1308 | 1282 |
| 30-045-05299 | NMSF078474 | Keeling Federal 1 | P | | 28 | 30 | 990 | 30 | 872 | EFS | 118 | U 117 | 0 | WR | 0 | | 145 | 1308 | 1282 |
| 30-045-25579 | State | Roadrunner 1 | S | | 0 | 0 | 0 | 0 | 0 | EFS | 0 | U 99 | 0 | WR | 0 | | 99 | 0 | 0 |
| 30-045-25579 | NMNM16589 | Shoofly 1 | S | | 0 | 0 | 0 | 0 | | EFS | | U 245 | 0 | WR | 0 | | 245 | 0 | 0 |
| 30-045-26133 | NMNM16589 | Shoofly 2 | Р | | 66 | 0 | 274 | 30 | 112 | EFS | 162 | U 178 | 0 | WR | 0 | | 244 | 1308 | 1282 |
| 30-045-25927 | NMNM47169 | SOB Federal 1 | S | | 0 | 0 | 0 | 0 | 0 | EFS | 0 | U 299 | 0 | WR | 0 | | 299 | 0 | 0 |
| 30-045-25931 | NMSF078475 | Stephenson Federal 2 | Р | | 0 | 0 | 213 | 30 | 58 | | 155 | | | | | | | | |
| 30-045-25985 | NMSF078475 | Stephenson Federal 3 | S | | 0 | 0 | 0 | 0 | | | 0 | | | | | | | | |
| 30-045-25986 | NMSF078475 | Stephenson Federal 4 | P | | 46 | 20 | 434 | 30 | 253 | | 181 | | | | | | | | |
| 30-045-25912 | NMNM54982 | Wagon Train 1 | F | | 13 | 13 | 1558 | 30 | 1321 | EFS | 237 | U 344 | 0 | WR | 0 | | 357 | 1308 | 1282 |
| 30-045-25376 | NOOC14205008 | Warito 1 | Р | | 0 | 0 | 229 | 30 | 72 | EFS | 157 | U 311 | 0 | WR | 0 | | 311 | 1308 | 1282 |
| 30-045-26014 | NMNM47167 | Wild Hare 1 | S | | 0 | 0 | 0 | 0 | 0 | EFS | 0 | U 89 | 0 | WR | 0 | | 89 | 0 | 0 |
| 30-045-26584 | State | Yucca Com 1 | Р | | 19 | 0 | 716 | 30 | 501 | EFS | 215 | | | WR | 0 | | 150 | 1308 | 1282 |
| 30-045-26536 | NMNM14580A | Federal A 2 | S | | 0 | 0 | 0 | 0 | 0 | EFS | 0 | | | WR | 0 | | 171 | 0 | 0 |
| 30-045-22225 | NMNM14580A | Federal A 1 | S | | 0 | 0 | 0 | 0 | 0 | EFS | 0 | | | WR | 0 | | 379 | 0 | 0 |
| | | FIELD TOTALS | | | 172 | 63 | 4697 | 240 | 3309 | | 1388 | 2587 | 0 | | 0 | | 2713 | | |



ヒメルノ

WITNESSED BY REPRESENTING ENTERPRISE FIELD SERVICES LLC (SAN JUAN) Preparer Code 135476534

STMT Contact

Statement Title Measurement Monthly Summary Statement MEAS Contact JENNIFER KENNEDY (505)599-3205

MARCUS WARE (713)381-7816

Accounting/Production Period 12/2016

Reporting Basis MCF @ 14 730

Dry

BTU Basıs

MERRION OIL & GAS CORP

Recipient Code 014510408 Location Code NA

Report Date/Time 01/11/2017 10 43 Statement Type Original

| | ••••• | | | | | | | | | | | | |
|--|----------------|------------------------|---------------------|-----------------|--------------------|-------|--------------|---------------|---------------|-----------|---------------|-------------|---------------------|
| On, Date Off Date | Meter | Location Code | Name | Gas Analysıs | Volume State PB | PB | Type Code | Volume MCF | Energy DTH | BTU | Press PSIA | Temp F | Flow Time HR |
| 12/01/2016 07 00.01/01/2017 | 07 00 02396 01 | 02396 DRI | NORTH LINDRITH COM | 1 02396 | 1,044 | 15 02 | 5 ACT | 1,065 | 1,375 | 1289 | 30 5 | 36 3 | 500 9 |
| 12/01/2016 07 00 01/01/2017 | | 02893 DRI | | 02893 | 2,726 | | | 2,781 | 3,613 | 1298 | | 39 1 | 724 6 |
| 12/01/2016 07 00 01/01/2017 | | 03838 DRI | | 03838 | 1,209 | | | 1,233 | 1,900 | 1541 | | 39 1 | 732 9 |
| 12/01/2016 07 00 01/01/2017 | | 14089 DRI | | 14089 | 2,026 | | | 2,067 | 2,632 | 1273 | | 48 5 | 134 6 |
| 12/01/2016:07 00 01/01/2017 | | 14090 DRI | | | 2,785 | | | 2,841 | 3,380 | 1189 | | 44 6 | 194 0 |
| 12/01/2016 07 00 01/01/2017 | | 72711 DRI 72935 DRI | | 72711 | 1,667 | | | 1,700 | 2,599 0 | 1528 0 | | 52 3 0 0 | 740 7 0 0 |
| 12/01/2016 07 00 01/01/2017 12/01/2016 07 00 01/01/2017 | | 72935 DRI 73017 DRI | | 72935 73017 | 1,728 | | 5 ACT | 0 1,763 | 2,456 | 1393 | | 46 8 | 725 4 |
| 12/01/2016 07 00 01/01/2017 | | 73017 DRI | | 73017 | 1,209 | | | 1,763 | 1,823 | 1483 | | 41 4 | 724 3 |
| 12/01/2016 07 00 01/01/2017 | | 73154 DRI | | | | 15 02 | | 748 | 871 | 1162 | 110 0 | | 59 5 |
| 12/01/2016 07 00 01/01/2017 | | 75602 DRI | | 75602 | | | 5 ACT | 962 | 1,152 | 1202 | | 34 3 | 719 9 |
| 12/01/2016 07 00 01/01/2017 | | 75638 DRI | | 75638 | | | 5 ACT | 202 | 237 | 1192 | | 45 1 | 682 1 |
| 12/01/2016 07 00 01/01/2017 | | 83058 DRI | | 83058 | 2,867 | | | 2,924 | 4,056 | 1387 | | 41 0 | 725 3 |
| 12/01/2016 07 00 01/01/2017 | | 83153 DRI | | 83153 | | | 5 ACT | 870 | 1,379 | 1579 | | 36 7 | 731 5 |
| 12/01/2016 07 00 01/01/2017 | | 83154 DRI | | 83154 | 1,411 | | | 1,439 | 2,037 | 1416 | | 36 0 | 736 5 |
| 12/01/2016 07 00 01/01/2017 | 07 00 83169 01 | 83169 DRI | I SULLIVAN A #2 | 83169 | 1,202 | | | 1,226 | 1,923 | 1568 | 30 5 | 40 0 | 737 2 |
| 12/01/2016 07 00 01/01/2017 | 07 00 85698 01 | 85698 DRI | FEATHERSTONE FEDERA | L 85698 | 1,347 | 15 02 | 5 ACT | 1,374 | 1,699 | 1240 | 44 7 | 42 7 | 195 1 |
| 12/01/2016 07 00 01/01/2017 | | 85744 DRI | MONCRIEF 1R | 85744 | 0 | 15 02 | 5 ACT | 0 | 0 | 0 | 0 0 | 0 0 | 0 0 |
| 12/01/2016 07 00 01/01/2017 | | 86200 DRI | | 86200 | 2,313 | | | 2,359 | 3,309 | 1404 | | 40 2 | 741 1 |
| 12/01/2016 07 00 01/01/2017 | | 87090 DRI | | 87090 | | | 5 ACT | 870 | 1,025 | 1181 | | 37 1 | 742 4 |
| 12/01/2016 07 00 01/01/2017 | | 88102 DRI | | 88102 | | | 5 ACT | 351 | 487 | 1387 | | 34 2 | 435 4 |
| 12/01/2016 07 00 01/01/2017 | | 88421 DRI | | 88421 | | | 5 ACT | 0 | 0 | 0 | | 0 0 | 0 0 |
| 12/01/2016 07 00 01/01/2017 | | 88439 DRI | | 88439 | 1,402 | | | 1,430 | 1,669 | 1166 | 147 4 | | 51 2 |
| 12/01/2016 07 00 01/01/2017 | | 88497 DRI | | 88497 | 2,809 | | | 2,865 | 3,400 | 1187 | 149 8 | | 116 4 |
| 12/01/2016 07 00 01/01/2017 | | 90483 DRI | | | 1,870 | | | 1,907 | 2,457 | 1289 | | 43 0 | 214 2 |
| 12/01/2016 07 00 01/01/2017 12/01/2016 07 00 01/01/2017 | | 92019 DRI 92296 DRI | | 92019 92296 | 11,175 | | | 11,399 0 | 13,605 0 | 1194 0 | 92 6 | 74 0 | 567 7 |
| 12/01/2016 07 00 01/01/2017 | | 92296 DRI 92297 DRI | | 92297 | 1,762 | | 5 ACT | | _ | 1419 | | 0 0 37 9 | 0 0 735 7 |
| 12/01/2016 07 00 01/01/2017 | | 92414 DRI | | 92414 | 164 | | | 1,797 167 | 2,546 258 | 1540 | | 36 4 | 697 7 |
| 12/01/2016 07 00 01/01/2017 | | 93111 DRI | | 93111 | 1,627 | | | 1,660 | 1,987 | 1199 | | 40 8 | 58 8 |
| 12/01/2016 07 00 01/01/2017 | | 93112 DRI | | 93112 | 1,985 | | | 2,025 | 2,555 | 1264 | | 40 2 | 91 9 |
| 12/01/2016 07 00 01/01/2017 | | 93966 DRI | | 93966 | | | 5 ACT | 2,023 | 2,333 | 0 | | 0 0 | 0 0 |
| 12/01/2016 07 00 01/01/2017 | | 94119 DRI | | 94119 | | | 5 ACT | 917 | 1,199 | 1305 | | 41 4 | 701 2 |
| 12/01/2016 07 00 01/01/2017 | | 94693 DRI | | 94693 | | 15 02 | | 748 | 975 | 1296 | | 45 3 | 743 1 |
| 12/01/2016 07 00 01/01/2017 | 07 00 95268 01 | 95268 DRI | CARNAHAN COM #2 DK | 95268 | 1,855 | 15 02 | 5 ACT | 1,892 | 2,398 | 1266 | 86 6 | 37 1 | 126 7 |
| 12/01/2016 07 00 01/01/2017 | 07 00 95291 01 | 95291 DRI | FEDERAL 28 #2E DK | 95291 | | | 5 ACT | 0 | 0 | 0 | 0 0 | 0 0 | 0 0 |
| 12/01/2016 07 00 01/01/2017 | | 95292 DRI | FEDERAL 20 #1E DK | 95292 | 483 | 15 02 | 5 ACT | 493 | 629 | 1275 | 67 4 | 45 6 | 445 7 |
| 12/01/2016 07 00 01/01/2017 | 07 00 95850 01 | 95850 DRI | FEDERAL #29-2E | 95850 | 0 | 15 02 | 5 ACT | 0 | 0 | 0 | 0 0 | 0 0 | 0 0 |
| 12/01/2016 07 00 01/01/2017 | 07 00 95940 01 | 95940 DRI | CANADA MESA #3E GL | 95940 | 3,195 | 15 02 | 5 ACT | 3,259 | 3,876 | 1190 | 99 9 | 28 8 | 177 5 |
| 12/01/2016 07 00 01/01/2017 | | 97133 DRI | | | 2,448 | | | 2,497 | 3,201 | 1282 | 193 0 | | 658 2 |
| 12/01/2016 07 00 01/01/2017 | | 97138 DRI | | 97138 | 30,542 | | | 31,154 | 34,787 | 1117 | 107 8 | | 741 7 |
| 12/01/2016 07 00 01/01/2017 | | 97395 DRI | | | | | 5 ACT | 0 | 0 | 0 | 0 0 | | 0 0 |
| 12/01/2016 07 00 01/01/2017 | | 97483 DRI | | 97483 | 2,175 | | | 2,219 | 2,244 | 1012 | 113 1 | | 716 4 |
| 12/01/2016 07 00 01/01/2017 | | 97733 DRI | | 97733 | 19,976 | | | 20,376 | 22,928 | 1125 | 103 8 | | 744 0 |
| 12/01/2016 07 00 01/01/2017 | | 97798 DRI | | | 6,272 | | | 6,398 | 6,946 | 1085 | | 62 0 | 589 9 |
| 12/01/2016 07 00 01/01/2017 | | 98085 DRI | | 98085 | 2,893 | | | 2,951 | 2,917 | 989 | 110 2 | | 742 8 |
| 12/01/2016 07 00 01/01/2017 | | 98231 DRI | | | 1,546 | | | 1,577 | 1,973 | | 43 8 | | 154 8 |
| 12/01/2016 07 00 01/01/2017 12/01/2016 07 00 01/01/2017 | | 98264 DRI 98356 DRI | | 98264 | 0 | | | 0 | 0 | 0 | | 0 0 | 0 0 |
| 12/01/2016 0/ 00 01/01/201/ | 0, 00 30330 01 | שע סכנסכ | BLACKSHAWL COM #1 | 98356 | U . | 10 02 | 5 ACT | U | U | U | 0 0 | 0 0 | 0 0 |

ENTERPRISE FIELD SERVICES LLC (SAN JUAN) Preparer Code Statement Title 135476534

Accounting/Production Period 12/2016

MERRION OIL & GAS CORP Recipient Code Location Code 014510408

Measurement Monthly Summary Statement MEAS Contact JENNIFER KENNEDY (505)599-3205 STMT Contact MARCUS WARE (713)381-7816

BTU Basis Dry Reporting Basis MCF @ 14 730

Statement Type Original

Report Date/Time 01/11/2017 10 43

| | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------|---------|--------|-----------|---------------|---------|--------------------|------------------|----------------|-----------|---------|--------|--------|---|--------|----------------|--------|--------|--------|------------------|
| 'Analysı | s Id | 95940 | CANADA | A MESA #3 | | | | Devic | | spec equi | p) | | | | GPA Ve | rsion 21 | 45-09 | | | |
| Effect | įve dat | е ту | ре | Sample D | ate Dry | BTU 1 | Wet BTU | As Del B | TU Gr | avity | | | | | | | | | | |
| 07/01/2 | 016 07 | | | 5/27/201 | | | 169 | | | 5811 | | | | | | | | | | |
| 1 | Methane | Ethane | Propar | ne Butane | Iso Butane | Pentane | Iso e Pentane | Neo e Pentane | Hexane | Heptane | Octane | Nonane | Decane | H2S | CO2 | Nitrogen | Hydrgn | Oxygen | Helıum | Total |
| Mole %- GPM- | | | | | | | | | | | | | | | | 0 59 0 0000 | 0 00 | 0 00 | | |
| Analysı | s Id | 97133 | NORTH | DUFERS P | OINT CPD | | | Devic | e (No: | spec equi | p) | | | | GPA Ve | rsion 21 | 45-09 | | | |
| Effect | ıve dat | е ту | pe | | | | | As Del B | | vity | | | | • | | | | | | |
| 07/01/2 | 016 07 | 00 SPOT | (| 6/28/201 | | | 260 | | | 7466 | | | | | | | | | | |
| 1 | Methane | Ethane | Propar | ne Butane | Iso Butane | Pentane | Iso e Pentane | Neo e Pentane | Hexane | Heptane | Octane | Nonane | Decane | H2S | CO2 | Nıtrogen | Hydrgn | Oxygen | Helium | Total |
| Mole %- GPM- | | | | | | | | | | | | | | | | 0 68 0 0000 | 0 00 | 0 00 | | |
| Analysı | s Id | 97138 | P5 LAT | TERAL CPD | | | | Devic | e (No: | spec equi | p) | | | | GPA Ve | rsion 21 | 45-09 | | | |
| Effect | ıve dat | е Ту | ре | Sample D | ate Dry | BTU V | Vet BTU | As Del B | | | | | | | | | | | | |
| 07/01/2 | 016 07 | 00 SPOT | (| 5/25/201 | 6 111 | 7 10 | 97 | | 0 (| 5575 | | | | | | | | | | |
| 1 | Methane | Ethane | Propar | ne Butane | Iso Butane | Pentane | Iso Pentane | Neo e Pentane | Hexane | Heptane | Octane | Nonane | Decane | H2S | CO2 | Nıtrogen | Hydrgn | Oxygen | Helium | Total |
| Mole %- GPM- | | | | | | | 7 0 28 5 0 1024 | | 0 5! 0 245: | | | | | | | 0 36 | 0 000 | 0 00 | | |
| Analysı | s Id | 97395 | MONCRI | EF COM # | 1E GL | | | Devic | e (No: | spec equi | p) | | | | GPA Ve | rsion 21 | 45-09 | | | |
| Effect | ive dat | е Ту | ре | Sample D | ate Dry | BTU V | vet BTU | As Del B | | | | | | | | | | | | |
| 08/01/2 | 016 07 | 00 SPOT | | 7/25/201 | 6 130 | 7 12 | 284 | | 0 ' | 7671 | | | | | | | | | | |
| 1 | Methane | Ethane | Propar | ne Butane | Iso Butane | Pentane | Iso Pentane | Neo Pentane | Hexane | Heptane | Octane | Nonane | Decane | H2S | CO2 | Nitrogen | Hydrgn | Oxygen | Helium | Total |
| Mole %- GPM- | | | | | | | | | 1 11 0 5040 | | | | | | | 0 91 0 0000 | 0 00 | 0 00 | 0 00 | 100 00 6 2279 |

Energy Resources Analytical BTU Report (505)486-2599

Sample Information

| | Sample Information |
|------------------------|---------------------------------------|
| Sample Name | North Duffers CPD |
| Company Name | Merrion |
| Well | North Duffers CPD |
| Flowing temp | 79 4 |
| Flowing Press | 274.3 |
| Diff Pressure | 13 3 |
| Method Name | GSA 3C |
| Operator | Reyes Marin |
| Injection Date | 10/3/2010 12 00 01 PM |
| Report Date | 10/03/2010 12 04:46 PM |
| BTU Configuration File | GPA 2145-03 ERAnalytical cfg |
| Data Source | Cerity data system connection |
| instrument | G2801AGC - CN10929001 |
| Data Saved To | North Duffers CPD-20101003-120446.btu |

Component Results

| Component Name | Ret Time | Peak Area | Normalized Mole% | Heating Value (Btu / cu. ft) | Molar Mass Ratio (G) | GPM (Gal / 1000 cu ft) | |
|-------------------|----------|-----------|---------------------|----------------------------------|-------------------------|----------------------------|--|
| Nitrogen | 0 217 | 10663 | 0.628 | 0 000 | 0 0061 | 0 0691 | |
| Methane | 0 226 | 563860 | 74.797 | 757.194 | 0 4144 | 12.6773 | |
| Carbon Dioxide | 0 308 | 10005 | 0 834 | 0 000 | 0.0127 | 0 1414 | |
| Ethane | 0 375 | 149602 | 11 726 | 207 988 | 0 1217 | 3 1338 | |
| Hydrogen Sulfide | 0 000 | 0 | 0 000 | 0 000 | 0 0000 | 0 0000 | |
| Propane | 1 165 | 118000 | 7 560 | 190 667 | 0 1151 | 2.0815 | |
| ı-Butane | 0 416 | 50385 | 0 857 | 27 934 | 0.0172 | 0.2803 | |
| n-Butane | 0 440 | 129695 | 2 171 | 71 000 | 0 0436 | 0 6845 | |
| i-Pentane | 0 519 | 32380 | 0.498 | 19 959 | 0 0124 | 0 1821 | |
| n-Pentane | 0 551 | 30931 | 0 464 | 18 639 | 0 0116 | 0.1680 | |
| Hexanes Plus | 1.174 | 34320 | 0 466 | 23.957 | 0 0150 | 0 2022 | |
| Total | | | 100 000 | 1317 340 | 0 7697 | 19 6202 | |

Results Summary

| Result | Dry | Sat |
|--|----------|----------|
| Total Unnormalized Mole% | 105 618 | |
| Pressure Base (psia) | 14 730 | |
| Water Mole% | - | 1.740 |
| Gross Heating Value (Btu / Ideal cu ft) | 1317.340 | 1294 413 |
| Gross Heating Value (Btu / Real cu ft) | 1322.757 | 1300 290 |
| Real Relative Density | 0 77255 | 0 77030 |
| Gas Compressibility (Z) Factor | 0 99590 | 0 99548 |

Measurement and Allocation Methods and Formulas

#8

| Date: 5/31/2017 MERRION OIL & GAS CORPORATION NORTH DUFERS POINT CPD - | - #97133 |
|--|----------|
|--|----------|

| | | | | | | | | | June, 2013 | | | | | | | | |
|---------------|----|------------------------|-------|-------|---------------|------------------|---------------------|--------|---------------------------|-----------|------------------|--------|-----------|--------|----------|---------------------|----------------------|
| Well Name | | Chart | Prod. | Chart | AP1 | Leane, Urst | Welltwood | Volume | Allocated | Welltward | Wellfread | MVBTU | Allocated | System | Alboated | Allocated | Allocated |
| | | Workers MCF @ 14.73 | Days | Days | WELL | or CA ID # | Mitr Integ* MCIF | Flatio | MCF Sold (0214.74 pxl) | BTLVH | Metered MMSTU | Partic | MINETU | (MCF) | (MCP) | Average Matturet | MCF Sold @ 15.025 |
| Federal Al | ON | 531 | 30 | 30 | 30-045-22225 | NM4014580-A | 531 | 0.052 | 375 | 1424 | 756 | 0.056 | 526 | - 0 | 375 | 1.400 | 36 |
| Federal A2 | ON | 429 | 30 | 30 | 30-045-26536 | NM-014580-A | 429 | 0.042 | 303 | 1349 | 579 | 0.042 | 400 | 40 | 313 | 1.326 | 29 |
| Federal A3 | ON | 30 | 1 | 1 | 30-045-26625 | NM-014580-A | 30 | 0.003 | 21 | 1424 | 43 | 0.003 | 30 | 41 | 21 | 1.400 | 2 |
| Horsefly l | ON | 360 | 30 | 30 | 30-045-26310 | NM-EH-MMO | 360 | 0.036 | 255 | 1362 | 490 | 0.036 | 341 | 0 | 255 | 1.339 | 25 |
| Roadrunner 1 | ON | 110 | 30 | 30 | 30-049-25670 | LG-1916 | 110 | 0.011 | 78 | 1361 | 150 | 0.011 | 104 | -0 | 78 | 1.338 | 7 |
| Shoofly 1 | ON | 317 | 30 | 30 | 30-045-26733 | NAV-16560 | 317 | 0.031 | 224 | 1378 | 437 | 0.032 | 304 | 0 | 224 | 1.355 | 22 |
| Shoofly 2 | ON | 270 | 30 | | 30-045-36322 | NW-16580 | 270 | 0.027 | 191 | 1390 | 375 | 0.028 | 261 | 0 | 191 | 1.367 | 18 |
| Wildhare l | ON | 95 | 30 | 30 | 30-045-26014 | N84-47167 | 95 | 0.009 | 67 | 1353 | 129 | 0.009 | 89 | 40 | 67 | 1.330 | 6 |
| | | 3.045 | 30 | 30 | | | 3,045 | 0.301 | 2153 | 1339 | 4077 | 0.299 | 2.834 | -0 | 2153 | 1.317 | 2,111 |
| Jalapeno l | ON | 145 | 30 | | 30-045-25680 | LC-1288 | 145 | 0.014 | | 1339 | 194 | 0.014 | 135 | - 0 | 103 | 1.317 | 10 |
| SOB Federal 1 | ON | 948 | 30 | | 30-045-25027 | NM-47160 | 948 | 0.094 | | 1493 | 1415 | 0.104 | 984 | 0 | 670 | 1.468 | 65 |
| Stephenson 2 | ON | 85 | 30 | | 30-045-25031 | SF-079475 | 85 | 0.008 | 60 | 1240 | 105 | 0.008 | 73 | 40 | 60 | 1.219 | 5 |
| Stephenson 3 | ON | 6 | 1 | | 30-045-25085 | SF-4179475 | 6 | 0.001 | 4 | 1354 | 8 | 0.001 | 6 | -0 | 4 | 1.331 | C. C. C. |
| Stephenson 4 | ON | 661 | 30 | 30 | 30-045-25066 | SF-078475 | 661 | 0.065 | 467 | 1273 | 841 | 0.062 | 585 | -0 | 467 | 1.252 | 45 |
| Wagon Train 1 | ON | 1,545 | 30 | | 30-045-25012 | N8M-64982 | 1,545 | 0.152 | 1,092 | 1287 | 1588 | 0.146 | 1,382 | 0 | 1092 | 1.265 | 1,07 |
| Warito Com 1 | ON | 477 | 30 | | 30-045-25376 | NOO-C-8008 | 477 | 0.047 | 337 | 1314 | 627 | 0.046 | 436 | 0 | 337 | 1 292 | 33 |
| Yucca Com 1 | ON | 1,079 | 30 | | 30-045-26584 | LG-3496 | 1,079 | 0.106 | 763 | 1301 | 1404 | 0.103 | 976 | 0 | 763 | 1.279 | 74 |
| Total | | 10,133 | | | | | 10,133 | | 9,317 | | 13619 | | 12301 | 0 | 9317 | | 9,13 |
| | | | | | | | | | (Check) | | | | (Check) | (Check | (Check) | | |
| | | | | | CPD METER TOT | AL N DUFERS POIN | 1 @ 14.73 | | | 7,164 | @ 15.025 | | | | | | |
| | | | | | MMHTU SOLD FR | DM CPD | | | | 9,467 | 7023 | | | | | | |
| | | | | | CED BY MICE | | | | | 1321 000 | | | | | | | |

COMPRESSOR AND DRIP LIQUID ALLOCATION

1,050 BTU/SCF 100,000 BTU/QAL 10 BBLS MINIMUM BTU -PRODUCT STURAL -MONTHLY PROD -June, 2013 MONTHLY SALES -0.00 BBLS

| | TOTAL DOLL | ARS REC. (\$) | | \$0.00 | | \$0.00 | \$0.00 | | | |
|---------------|------------|--------------------------------|---------------------------|--------------------------|--------------------------------------|-------------|-----------------------------|---|--|--|
| PROPERTY | | BEGINNING INVENTORY BBLS | PROD INVENTORY BBLS | THEORETICAL PROD BBLS | ALLOC PROD BBLS BASED ON THEOR | ALLOC SALES | ENDING INVENTORY BBLS | ALLOC SALES (\$) BASED ON INVENTORY | ALLOC SALES (\$) BASIED ON INVENTORY | ALLOC SALES (\$) BASED ON INVENTO |
| Federa A1 | ON | 338 | 338 | 33 | 1 | | 339 | \$0.00 | \$0.00 | \$0.00 |
| Federal A2 | ON | | 0 | 21 | 1 | | 1 | \$0.00 | \$0.00 | \$0.00 |
| Federal A3 | ON | | 0 | 2 | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| Horsefly 1 | ON | | 0 | 19 | 1 | | 1 | \$0.00 | \$0.00 | \$0.00 |
| Roadrunner 1 | ON | | 0 | 6 | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| Shoofly 1 | ON | | 0 | 17 | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| Shoofly 2 | ON | | 0 | 15 | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| Widhare 1 | ON | | 0 | 5 | 0 | 2 | (2) | \$0.00 | \$0.00 | \$0.00 |
| Jalapeno 1 | ON | | 0 | 7 | | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| SCB Federal 1 | ON | | | 70 | 2 | | 2 | \$0.00 | \$0.00 | \$0.00 |
| Stephenson 2 | ON | | 0 | 3 | C | C | 0 | \$0.00 | \$0.00 | \$0.00 |
| Stephenson 3 | ON | | 0 | 0 | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 |
| Stephenson 4 | ON | | 0 | 24 | 1 | 0 | 1 | \$0.00 | \$0.00 | \$0.00 |
| Wagon Train 1 | ON | | 0 | 61 | 2 | 0 | 2 | \$0.00 | \$0.00 | \$0.00 |
| Warto Com 1 | ON | | 0 | 21 | 1 | 0 | 1 | \$0.00 | \$0.00 | \$0.00 |
| Yucca Com 1 | ON | | 0 | 45 | 1 | 0 | 1 | \$0.00 | \$0.00 | \$0.00 |
| TOTAL | | 338 | 338 | 347 | 10 | | 346 | \$0.00 | \$0.00 | \$0.00 |

#REF

#8a

Beneficial Fuel Usage Calculations

Fuel for equipment is calculated based on the equipment in use at each well. These wells will have a combined cold separator that uses no fuel and a pumping unit. The fuel use for the equipment is calculated as follows:

Pumping Units:

12 hp * 10 SCF/hphr * 24 hrs/day

(based on 1,100 BTU/SCF per

<u>Practical Petroleum Engineer's</u> Handbook by Zaba & Doherty)

= 2,880 SCFD

Approximately 3 MCFD

(90 MCFM)

Separators:

500,000 BTU/hr * 25% on line * 24 hrs 1000 BTU/SCF * 70% eff.

= 2,143 SCF

Approximately 2 MCFD

(60 MCFM)

Fuel for the central compression equipment is calculated based of the horsepower rating of the engine.

Compressor:

125 BHP * 8,500 BTU?BHPhr * 24 hr 1,253 BTU/SCF

=20,351 SCF

20.351 MCFD * 30.4 days/month

619 MCFM

#8b Estimated Vented Volumes for Gas Wells - not normal operating conditions, gas vented in upset conditions only.

Example only - not actual data

Ēxamīglejoņly – not actual data

| ESTIMATED VENTED VOLUMES |
|---------------------------|
| FOR GAS WELLS |
| - - |
| Wagon Train #1 |
| ÚPSET |
| · 1 |
| 0.25 |
| ` , |
| 2 3/8" |
| -, 1478 |
| 0.02171 |
| . 32.1 |
| * 50 |
| 0.0033 |
| ′ |
| ្ត/12 |
| 0.0008 |
| 0 |
| · 0.1 |
| |
| 0.1 |
| 0.1 |
| |

#9

Evidence of Proper Allocation

Merrion Oil & Gas (MOG) will allocate production from the North Duffers Point CPD on a monthly basis. An example of the monthly allocation sheet is shown on attachment 8

The figures are reconciled based on the spreadsheet example in the latest allocation method approved by the MMS.

Royalties are paid to the Minerals Management Service through the MOG accounting department after the production allocation is determined. Royalty payments are calculated on an individual well basis, thus the accounting is accurate as long as the correct production allocation and royalty rates are entered into the system.

#10

Economic Evaluation:

The wells are marginal and therefore central compression is needed to keep well head pressures low. It would be cost prohibitive to have individual wellhead compression on each well.

#11

SIGNATURE PAGE

We request approval to add the Logos 2508 20D #15 to the existing CPD.

Philana Thompson, Regulatory Compliance Spec.

DQIE

Mike C Abraham
P O Box 25123
Albuquerque, NM 87125

The Greg & Nancy Vance Family
Limited Partnership
8080 N Central Exprsway, Ste1090
Dallas, TX 75206

Ceefam LLC
Little Oil & Gas, Agent
P O Box 1258
Farmington, NM 87499

Mike C Abraham
P O Box 25123
Albuquerque, NM 87125

R B Nielsen Trust 1200 Danbury Drive Mansfield, TX 76063

Tedde Birkhead 1732 Larry Hinson El Paso, TX 79936

BP America Production
P O Box 277897
Atlanta, GA 30384

Potenziani Family Partnership
Frank A Potenziani
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Rancho Santa Fe, CA 92067-6370

WWR Enterprises
C/O Petroleum Asset Management
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Hobbs, NM 88241

P O Box 22854
Denver, CO 80222

Pennies From Heaven LLC
Bank Of America, N A
PO Box 840738
Dallas, TX 75284-0738

WCB Investments, LLC
C/O Reynolds, Hix & Co, PA
6729 Academy Road NE, Suite D
Albuquerque, NM 87109

Energen Resources Corp
Attn Cindy Russo
605 Richard Arrington Jr Blvd North
Birmingham, AL 35203-2707

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Energen Resources Corp 605 Richard Arrington Jr Blvd North Birmingham, AL 35203-2707

> R B Nielsen Trust 1200 Danbury Drive Mansfield, TX 76063

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Farmington, NM 87499

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Robert Umbach Cancer Foundation
Zia Data Search Corporation, Agent
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Adelante Oil & Gas LLC
PO Box 2471
Durango, CO 81302

Dr Charles A McAdams, MD 1912 Cindy Lane Denton, TX 76201

Unified States Department of the Interior



BUREAU OF LAND MANAGEMENT

Farmington Field Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401

IN REPLY REFER TO 3162 7-3 North Dufers Point CDP

Merrion Oil and Gas
Attn Connie Dinning
610 Reilly Avenue
Farmington, New Mexico 87401

SEP - 9 1999

Dear Ms Dinning

Reference is made to your application for surface commingling and off-lease measurement and sales of gas and associated liquid hydrocarbons from the North Dufers Point/Crow Mesa Central Delivery Point (CDP) You propose to measure production at the El Paso Field Services meter No 97133 at the following location

SWSW section 6, T. 25N., R. 8W., Rio Arriba County, New Mexico.

Your application indicates that measurement at a central delivery point is necessary to effectively and economically operate these wells and extend the economic life of the properties. We have reviewed your application and the supplemental information you supplied and concur with these findings. As such, you are hereby authorized to measure natural gas and associated liquid hydrocarbons in accordance with the procedures outlined in your application. The following are conditions of this approval

- Allocation methodology must be made on an MMBTU basis By January 1, 2000, file a report of wellhead versus allocated volumes and MMBTUs for each well under this approval. This report must include the previous three months of production for our review.
- Measurement of gas and associated liquid hydrocarbons at the CDP must be conducted in accordance with the requirements outlined in Onshore Order No 3, Site Security, Onshore Order No 4, Oil Measurement, and Onshore Order No 5, Gas Measurement
- In order to prevent waste and conserve natural gas, periodic review of each well's venting procedures must be conducted in accordance with the requirements outlined in NTL-ADO-93-1
- No other wells can be added to this system of measurement without the prior approval of this office
- Contact this office in the event of any lost hydrocarbons between the wells and the central delivery point

Failure to operate this facility in accordance with the conditions outlined above may subject this approval to revocation. In addition, this office reserves the right to rescind this approval should future evaluation of this method of measurement indicate that federal royalties would be reduced.

Attached is a list of the wells recognized as contributing to the North Dufers Point/Crow Mesa CDP If you have any questions regarding the above, contact Jim Lovato at (505) 599-6367

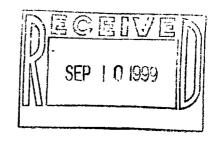
Sincerely,

Errol Becher

Acting Team Leader, Petroleum Management Team

Attachment (List of Contributing wells)

cc FIMO



REQUEST FOR APPROVAL TO ADD:

Logos 2508 20D #15 operated by Logos

TO THE EXISTING COMBINED
OFF LEASE PRODUCTION

#1

Merrion Oil. & Gas Corporation hereby requests approval to add the Logos 2508 20D # 15 to the existing North Dufers CPD # 97133 approved 9/9/1999, in San Juan County, New Mexico.

A description of the existing system, including the mechanical components, flowline routing and allocation methods is enclosed.

List of attachments:

- 1. Formal Request to add the Logos 2508 20D # 15
- 2. List of all wells and connection date to CPD
- 3. Description of Current Operations, including pipe specs and meter calibration information.
- 4. Area Map Individual well locations and compressor station location.
- 5. Schematic Diagram
- 6. Estimated monthly production
- 7. Summary report (Table B)
 - a. Gas Analysis Reports for sample months
 - b. Meter Inspection Reports
 - c. Chart Integration Reports
 - d. The individual well integration statements on the Federal A tank Battery are not available as products are allocated based on test information from the meter located at the Battery.
- 8. Measurement and Allocation methods and formulas
 - a. Beneficial Fuel Usage Calculations
 - b. Estimated Vented Volumes for Gas Wells
- 9. Evidence of Proper Allocation
- 10. Economic Evaluations
- 11. Signature Page for Participating Operators.

#2 List of All Wells and Connection Date to the CPD

| Well | API | Lease | Lline N/S | Lline E/W | Sec | TNSP | RNG | Lat | Long | Meter # | Connected to CPD |
|---------------|--------------|--------------|-----------|-----------|-----|------|-----|-------------|---------------|---------|------------------|
| CPD Meter | | | | | | | | | | 97-133 | |
| Federal A2 | 30-045-26536 | NMNM14580A | 940S | 790E | 11 | 24-N | 8-W | N36*19.432' | W107*38.733' | Chart | 1/1/1992 |
| Federal A3 | 30-045-26525 | NMNM14580A | 2270N | 790E | 10 | 24-N | 8-W | N36.329242 | W107.663444 | Chart | 1/1/1992 |
| Federal A1 | 30-045-22225 | NMNM14580A | 970S | 1700E | 10 | 24-N | 8-W | N36*19.444' | W107*39.955' | Chart | 1/1/1992 |
| Jalapeno 1 | 30-045-25580 | State | 790N | 1650W | 16 | 25-N | 8-W | N36*24.358' | W107*41.439' | Chart | 1/1/1992 |
| Roadrunner 1 | 30-045-25579 | State | 2310N | 330W | 2 | 24-N | 8-W | N36*20.628' | W107*39.593' | Chart | 1/1/1992 |
| Shoofly 1 | 30-045-26133 | NMNM16589 | 790N | 1650W | 14 | 24-N | 8-W | N36*19.141' | W107*39.291' | Chart | 1/1/1992 |
| Shoofly 2 | 30-045-26322 | NMNM16589 | 970N | 790E | 15 | 24-N | 8-W | N36*19.115' | W107*39.790' | Chart | 1/1/1992 |
| Stephenson 2 | 30-045-25931 | NMSF078475 | 1960S | 660E | 7 | 25-N | 8-W | N36*24.814' | W107*42.985' | Chart | 1/1/1992 |
| Stephenson 3 | 30-045-25985 | NMSF078475 | 1980S | 1980W | 8 | 25-N | 8-W | N36*24.816' | W107*42.442' | Chart | 1/1/1992 |
| Stephenson 4 | 30-045-25986 | NMSF078475 | 1660S | 1980E | 8 | 25-N | 8-W | N36*24.600' | W107*42.173' | Chart | 1/1/1992 |
| Wagon Train 1 | 30-045-25912 | NMNM54982 | 1750S | 820E | 6 | 25-N | 8-W | N36*25.637' | W107*42.996' | Chart | 1/1/1992 |
| Warito 1 | 30-045-25376 | NOOC14205008 | 790N | 1810E | 7 | 25-N | 8-W | N36*25.233' | W107*43.216' | Chart | 1/1/1992 |
| Wild Hare 1 | 30-045-26014 | NMNM47167 | 970N | 970W | 11 | 24-N | 8-W | N36*19.973' | W107*39.461' | Chart | 1/1/1992 |
| SOB Federal 1 | 30-045-25927 | NMNM47169 | 1850N | 990W | 8 | 25-N | 8-W | N36*25.056' | W107*42.649' | Chart | 1/1/1992 |
| Horsefly 1 | 30-045-26310 | NMNM014580 | 790S | 790W | 11 | 24-N | 8-W | N36*19.400' | W107.39.471' | Chart | 1/1/1992 |
| Yucca Com 1 | 30-045-26584 | State | 1850N | 790E | 2 | 25-N | 9-W | N36*25.942' | W107*45.157' | Chart | 1/1/1992 |
| Keeling #1 | 30-045-05299 | NMSF078474 | 990N | 1750E | 20 | 25-N | 8-W | N36.390934 | w-107.7019274 | Chart | |

Red indicates Crow Mesa Area (T24N R8W), all others (T25N R8/9W) are North Dufers Point Area

#3 DESCRIPTION OF CURRENT OPERATIONS

The North Dufers Point, Crow Mesa compressor station began operation in early 1992. All of the wells that are currently behind the CPD were connected to the compressor at that time. A list of the wells that are currently connected to the CPD are attached. There are currently 17 wells which produce to this CPD, and they are all in the Dufers Point Gallup Dakota pool except for the Federal A2, which is in the Escrito Gallup pool. The wells on the north end of the line (T25N R8/9W) are designated as the North Dufers Point area. The wells on the southern end of the line (T24N R8W) are in the Crow Mesa Area.

The gathering system for all the lines consists of several different piping configurations and sizes. The specifics are listed in attachment #5. The routing of the flowlines is shown on the attached topographic and survey maps in attachments #5.

The compressor takes suction from the gathering system at 60-70 psig. There is an NGL scrubber on the compressor skid. Liquid from the scrubber flows to a 400 bbl storage tank. Any water in the NGL stream is drained off the tank to a fiberglass pit. The gas is compressed by a Sertco Industries Model 496 single stage compressor with a GM 496 engine rated at 125 BHP at 1500 RPM. The compressed gas is cooled, then metered by Enterprise Field Services.

Each well has a separator and an oil tank. Purging of liquids from the line is not necessary because liquids are removed at the individual well sites.

There is one well on an automatic vent system. If any well is vented due to an upset condition, this is reported by field personnel. The time of venting is recorded and volumes are calculated based on attachment #8b. Beneficial usage calculations are shown on attachment #8a.

The compression facility is located in the southeast corner of S1, T25N, R9W as shown on attachment #4a Topo's, Surveys, Area Maps & Drawings. The schematic showing the equipment at the central compressor is also in #4a.

Pipe Specifications and Mechanical Integrity Testing

The right of way for the gathering system was approved by the BLM on January 25th 1990. The main line connecting the Crow Mesa and North Dufers point wells is a buried steel line, 6 5/8" OD, 0.156" wall thickness with welded connections. There was some x-ray worked performed, but the files do not show a percentage of wells x-rayed. The line was pressure tested to 900 psig overnight at the time of construction.

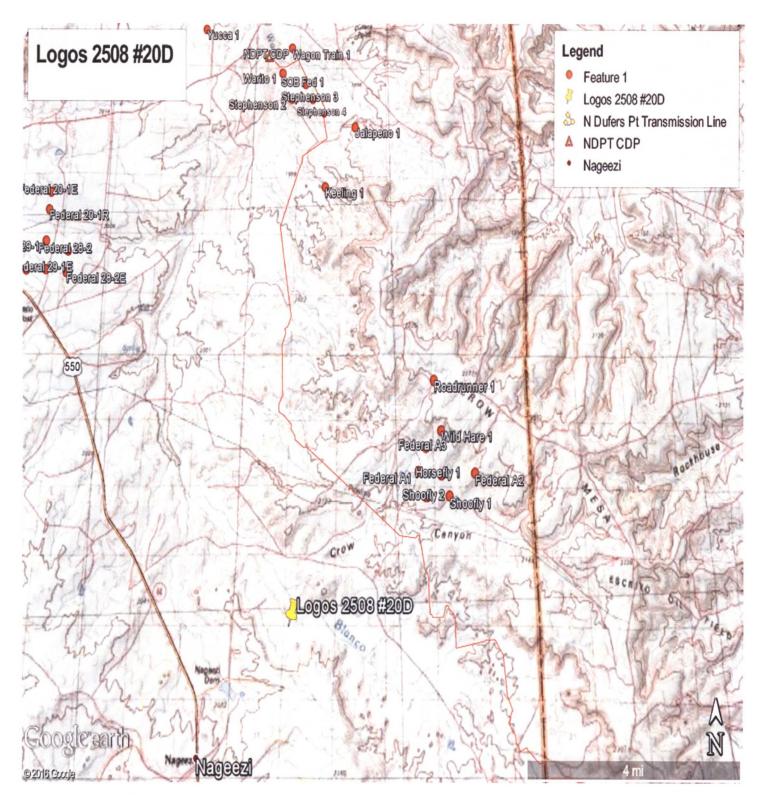
The North Dufers Point wells connect the main line via a 4" line that was originally constructed by El Paso Natural Gas Company. The Jalapeno was connected at a later date by a 3" steel surface line, pressure tested to 300 psi. The Yucca Com #1 was also connected via a 3" buried steel line pressure tested to 500 psi. This portion of the line operates at about 60 psi.

The new pipe is SDR11-HDS800, rated at 160 psi for natural gas service. It will be tested with natural gas to 150 psi. **The line will operate at 100 psi or less.** The MAOP will be 150 psig.

Meter Calibration and Gas Analysis Schedule

The sales meter is calibrated quarterly in February, May, August and November. Gas samples are collected from the metering point in February and August. Gas production from individual wells is analyzed quarterly by AWC, Gas Analysis. Wellsite check meters, property of Merrion Oil & Gas, are calibrated on a quarterly basis.

#4 AREA MAP
The area is shown on the topo locator maps for wells and flowline to the CPD.



NE' EXICO OIL CONSERVATION COMMISSIO : WELL . CATION AND ACREAGE DEDICATION _AT

Form C-102 Supersedes C-128 Effective 14-65

All distances must be from the cuter boundaries of the Section. . per-Legse Well No. Merrion Oil & Gas Corporation FEDERAL "A" Tact for Ronge County 24 NORTH 8WEST San Juan ð 10 ACTUAL FOCIONE LOCALOR OF WELL SOUTH EAST 970 lest from the line and 1700 leet from the line irter Level Elev. Producing Formation Dedicated Acreases 500 LAST Dufers Point Gallup-Dakota 160 GALLUP la-1. Utiline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commissica. CERTIFICATION I hereby certify that the information contoined horein is true and complete to the Steve S. Operations Manager Company Merrion Oil & Gas Corp 3/8/84 I hemby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same. is true and correct to the bost of my knowledge and belief. 1700

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1320 1650

2000

1500

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P. O. BOX 2018 SANTA FE, NEW MEXICO 87581

Form C-107 kertised 10-1

All distances must be from the exter hounderies of the Section.

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| Designor MERRION OI | L & GAS CORP | ORATION . | Leon | ALAPENO | | | |) w- | 11 No. 1 | • |
| Jait Letter | Section . | Township | | Penge | Cou | oty | | | | |
| C | 16 | 25N | | 8W | | San | Juan | | | |
| Actual Footogo Lai | | North | . 1 | .650 | | | ₩ - | | | |
| Found Level Elev. | TARK TION THE | 3411 | Pool | | feet from | the | West | Dedicated | Amorana | |
| 6589 | Dakota | | 1 | ers Point | Gallup | Dako | ta | | ACTOCOPOT ACTOCOPOT | |
| 2. If more t | | ated to the subject to the | ct well b | y colored pe | ncil or ha | chare | marks on | the plat b | elow. | |
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| | | State Sec. | | | | | Сомрану | ons Man | ager Gas Corpora | ı <u>ti</u> c |
| | | · | | ON. DI | v. | - | shown on notes of under my is true of knowledg Date Survey Decamb | this plat with actual survival survival actual survival actual ac | 1982 Engineer | oid or ma |
| | 1 | 30-30001 | | . ! | | _ | Fred i | Kert | 34. 11 - | |

and property STATE OF HEW MEXICO

(L CONSERVATION DIVISI)

Form C-107 Agrised -10-1

| TO MOTOR | L & GAS CORP | PORATTON | Lease | O FLY | | | Well No. | ; |
|--|--------------------------------------|--|---|------------------|----------------|---|--|--|
| | ection | Township | Range | | County | | | , |
| Footoge Lecal | 15 | 2 LyN | | 8W | · San | Juan | · | |
| 70 | lest from the | North 16 | ne and 790 |)(| eel from the | _East_ | line | i |
| Lyvel Elevi | Producing Fo | eolfran | Pool | . Dożek d | -11 D. b. | Ded | icated Acreages 160 | : |
| 95h | Gallup | ated to the subj | | ~ ~~~ | allup Dako | | | Arres |
| interest and If more than Inted by co Yes [| one lease of mmunitization, No If a | different owners unitization, force answer is "yes," | hip is dedicated e-pooling.etc? type of consoli | to the we | il, bave the i | interests of al | I owners been | ı consoli- |
| him form if No allowabl | necessary.) e will be seige | ned to the well u | ntil all interest | have bee | n consolidat | ed (by commu s, has been s; | nitization, un proved by the | itization, |
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| ، منه منه بنته | - + | | | | 790 | Steve S. Position Operation Company | Dunn as Manager Oil & Gas C | orporat |
| , | | | | | 790 | Steve S. Position Operation Company Merrion C Dots 6/24 I hereby co shown on thi meros of ocu under my su | Dunn Is Manager Dil & Gas C 1/85 Interpretation of the server of the the | rell location of frem liels to by me en of the some |

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STATE OF NEW MEXICO RGT NO MINERALS UCPARTMENT

CONSERVATION DIVISIO P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107 kerised 10-1-78

All distances must be from the cuter boundaries of the Section

| Operator Ledge Well No. | | | | | | Well No. | | | |
|--|---|---|---------------------------------------|---------------------------|--|---|--|--|--|
| | IL & GAS CORP | | STEVENSO | | | 2 | | | |
| Unit Letter | Section | Township | Range | County | | | | | |
| I Actual Footage Loc | 7 | 25N | | | San Juan | | | | |
| 1950 | | South line and | 660 | 4A A | East. | •- | | | |
| Ground Level Elev. | | | Pool | feet from the | • East | line Dedicated Acreage: | | | |
| 6420 | Gallup | /Dakota | Dufers Poi | nt Gallup I | Dakota | 160 Acres | | | |
| 1. Outline th | 1. Outline the acreage dedicated to the aubject well by colored pencil or hachure marks on the plat below. | | | | | | | | |
| 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). | | | | | | | | | |
| | 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc? | | | | | | | | |
| Yes | □ No If a | nawer is "yes;" type | of consolidation | | | | | | |
| If answer, this form i | is "no," list the | owners and tract des | criptiona which | have actually | been consolid | lated. (Use reverse side of | | | |
| No allowa | ble will be assign | ed to the well until a) or until a non-standa | l interests have rd unit, eliminat | been consoling such inter | idated (by con rests, has been | nmunitization, unitization, n approved by the Commis- | | | |
| <u></u> | | | i | | 7 | CERTIFICATION | | | |
| | 1 | | | | | certify that the information con- | | | |
| | 1 | | , ! ! | | roight h | erein is true and apmplete to the ny knowledge and fellef. | | | |
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| | | RE | CETY | €Ð | J. Greg | ory Merrion | | | |
| | † † | | MAY 21 1984 | | Position Preside | nt | | | |
| | 1 | AURE AU | OF LAND MANA | GEMENT | Company | • | | | |
| | ı | FARMIN | GTON RESOURCE | E AREA | | Oil & Gas Corp. | | | |
| | Sec | · . | 1 | | 5/16/84 | | | | |
| | 1 | | | | J 3, 25, 54 | | | | |
| | ! | 7 | 1 | | i hereby | certify that the well location | | | |
| | j | | 1 | | | this plat was platted from field | | | |
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| | i I | | t | Ĭ | | aupervision, and that the same of any | | | |
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| | i | | , | 8 | May | 2. 1984 | | | |
| | 1 | SF (|) ⁷⁸⁴⁷⁵ | | 1 1 ' ' ' ' ' ' ' | Professional Engineer d Surveyor | | | |
| | 1 | | 1 | | 200 | CBLIN | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | Fred | S. Kerr Jr. | | | |
| | Scal | le: 1"-1000' | | | 3950 | " The same of the | | | |

STATE OF NEW MEXICO LITCHGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. NOX 2000

SANTA FE, NEW MEXICO 87501

Form C-107 Revised 19-1-78

All distances must be from the cuter boundaries of the Section.

| Operator | | | Lease | | Well No. | | | | | |
|--|--|---|--|-----------------------|--|--|--|--|--|--|
| | L & GAS CORPO | | STEPHENSON | ··· | | | | | | |
| Unit Letter | Section | Township | Range 8₩ | County | | | | | | |
| K Actual Footage Loc | ation of Wells | 25N | OM | San Juan | | | | | | |
| 1980 | | | | | | | | | | |
| Ground Level Elev. 6501 | Producing For Gallup/ | 9 | P∞l ufers Point Gal | lup Dakota | Dodicated Acres 160 Acres | | | | | |
| | 1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below. | | | | | | | | | |
| The state of the s | | | | | | | | | | |
| 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). | | | | | | | | | | |
| 3. If more the | an one lease of d | ifferent ownership is | ledicated to the well. | have the interests of | of all owners been consoli- | | | | | |
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| ☐ Yes | ☐ No If a | nswer is "yes," type o | f consolidation | | | | | | | |
| II annuar | in "an" line the | aware and treat deep | risticas which have a | amally been seesali | dated. (Use reverse side of | | | | | |
| this form i | f necessary.) | | <u> </u> | | | | | | | |
| | | | | | mmunitization, unitization, | | | | | |
| torced-poo sion. | ling, or otherwise | or until a non-standar | i unit, eliminatıng sü | ch interests, has bee | n approved by the Commis- | | | | | |
| , | | | | | CERTI FICATION | | | | | |
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| • | · · | | JUN 01 1984 | U | my knowledge and beller. | | | | | |
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| <u></u> | _ -i | | JUN 01 1984 DIL OON, DIL DIST. 3 | Steve S | . Dunn | | | | | |
| | t | • | ۱ | Position Operati | ons Manager | | | | | |
| | | | | Company Merrior | Oll & Gas Corporation | | | | | |
| 1 | l Sec | | 1 | Date 4/24/84 | | | | | | |
| ŀ | 1 | | ! | 4/24/64 | · · · · · · · · · · · · · · · · · · · | | | | | |
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| | 1 - | | 1 | | y certify that the well location in this plat was plotted from field | | | | | |
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| 27.70 | | 12 1 | . ' | | y supervision, and that the same | | | | | |
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| | | 1 | i | Registared | Professional Englises | | | | | |
| SF 0784 | 175 | | Ī | | nd/Surveyor | | | | | |
| SF U/84 | " | 1 | | Fred | 3. Kerr Jr. | | | | | |
| | | | 1 | Certificate | New Year | | | | | |

STATE OF NEW MEXICO SICHES AND MINCHALS OF PARTMENT

P. O. UOX 2044 SANTA FC, NEW MEXICO 87501

form C-107 Revised 10-1-7

All distances must be from the cuter boundaries of the Section.

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| Operator MERRION OT | L & GAS CORPOI | RATTON | STEPHENSON_ | | Well No. | | | | |
| Unit Letter | Section | Township | Range | County | | | | | |
| 0 | 8 | 25N | Bw | San Juan | | | | | |
| Actual Footage Loca | _ | | | | | | | | |
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| 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. | | | | | | | | | |
| 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). | | | | | | | | | |
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| | • | ed to the well patil all | interests have been | connelidated (by com | munitization, unitization, | | | | |
| forced-pool | ling, or otherwise) | or until a non-standar | unit, eliminating su | ch interests, has been | approved by the Commis- | | | | |
| sion. | 0 . | • | • | | | | | | |
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| • | • | 011 | CON. DIV. | Desi yi m | knowledge and belief. | | | | |
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| | | | | Steve S | Deem | | | | |
| | t . | | j | Position | Duur | | | | |
| | i | F 1 1- | CENTED | Operation | ons Manager | | | | |
| | f | | 1 | Company | | | | | |
| | ı Sec | • | 1 | Date | Oil & Gas Corp. | | | | |
| | ł | PI TAU | , ¦ | 5/1/84 | | | | | |
| | <u> </u> | | <u> </u> | | | | | | |
| | 1 | | ļ | | certify that the well location | | | | |
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OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2016 SANTA FE, NEW MEXICO 87501

form C-107 kevised 10-1-78

All distances must be from the auter houndaries of the Section.

| Operator | | | | | Legae | | | | | | Well No. | |
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| MERRION OI | | | | | | ON TRAI | | | | | 1 1 | |
| Unit Letter | Section | 6 | Township 20 | | Rong | 864 - | <u>'</u> | County | Juan | | | |
| Actual Footage Loc | I | | | | L | | | 3411 | o uzii | | | |
| 1750 | | on the | South | 14 A | 820 | | | | Eas | Ł | •• | |
| Ground Level Elev. | | roducing F | | line and | Pool | | [eet | trom the | | | line Icated Acreages | |
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| | L & GAS INCO | | | <u> </u> | , | · | | No. 1 |
| 3 | Section 7 | Township 25N | | Rangi | Ba | San | Juan | |
| 790 | | No-th | | 1810 | | | Foot | • |
| Ground Lyvel Elev. | Producing | North | line and | Pool | | et from the | East | Producted Assessment |
| 6361 — | • |)akota/Gali | מינו | | Point Gal | llup Dako | ta | Dedicated Acreage: |
| | e acreage dedi | | | | | | | |
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| dated by a | ommunitization No I | , unitization answer is " | - | | dation | | • | |
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| UiL C | ON. DIV. | | | | | | Atta | y knowledge and belief. |
| | 1 | | og ska ki mot og | | | | Steve S Position Operati | ons Manager |
| N30-C-50 | 107 | Sec. | N00-C- | 5008 | ! ! | | Date | 0il & Ges Corp 28/84 |
| | | | 7 . 5. | | | | shown on notes of under my is true knowledge. Date Surve | Children Chinal |
| | | · · · · · · · · · · · · · · · · · · · | | - • | 1 1 | | Fred | H. Kerr Jr. |

L CONSERVATION DIVISI 1 .

STATE OF NEW MEXICO

4

P. O. BOX 2014 SANTA FE, NEW MEXICO 87501

form C-107 Revised 10-1-7_

All distances must be from the outer boundaries of the Section.

| Operator | T 4 015 00W | 1 1M2 | DOADDUINGED | | Well No. |
|--------------------|--------------------|--------------------------|------------------------------------|------------------------|---|
| | IL & GAS COMP | | ROADRUNNER | 12 | |
| Unit Letter | Section | Township | Range | County | |
| E | 2 | · 2lm | 8w | San Juan | |
| Actual Footage Loc | editor of Metti | W . 43. | | 17 -4 | İ |
| 2310 | feet from the | North ime and | | et from the West | line |
| Ground Level Elev. | 1 . | resotion | Pool | 11un Debote | Dedicated Acreages 160 |
| 7183 | Dakota | · | Dufers Point Ga | Trup Dakota | Acres |
| 1. Outline th | e acreage dedic | ated to the subject w | rell by colored pencil | or hachure marks on | the plat below. |
| | | • | | • | |
| 2. If more th | han one lease is | a dedicated to the we | II. outline each and id | lentify the awarehin | thereof (both as to working |
| | nd royalty). | | , | oraci, me ouracesp | moreon from no so wording |
| | | | | | |
| 3. If more the | an one lease of | different ownership is | dedicated to the well | have the interests of | of all owners been consoli- |
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| | | | g. 0022 | | |
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| | | 7 | | | |
| If answer | is "no;" list the | owners and tract des | criptions which have | actually been consolic | dated. (Use reverse side of |
| | f necessary.) | | • | | |
| No allowa | ble will be assign | ned to the well until a | ll interests have been | consolidated for co | mmunitization, unitization, |
| forced-poo | ling, or otherwise | e) or until a non-standa | rd unit. eliminating si | nch interests has bee | a approved by the Commis- |
| sion. | | ,, | re con, ortationing | her intercaces has not | a approved by the Commis- |
| | | TAN ASMAGE | | | |
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| HO. 47 COMES RECEIVED | | | | | | | | | | | | | | |
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| DISTRIBUTION | NEV | NEGGEO OIL CONSE | RVATION POWER SSION | | Form C-101 | s <i>30-045-2557</i> | | | | | | | | |
| FILE | ╂╼┨ | R. | EIL | \ | | Type of Lease | | | | | | | | |
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| APPLICATIO | N FOR LENHIT TO | DRILL, DEEPEN, | OF THE BACK | | | | | | | | | | | |
| ie. Type of Work | 182 4 | | Part - | | 7. Unit Agre | ement Name | | | | | | | | |
| b. Type of Well DRILL D DEEPEN PLUG BACK B. Flerm or Legace Name | | | | | | | | | | | | | | |
| out X sas Roadminner Roadminner | | | | | | | | | | | | | | |
| 2. Name of Operator . 9, Wall No. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Merrion Oil & Gas Corporation 1 3. Address of Operator 10, Field and Pool, or Wildcot | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4. Location of Well F' 1850 North | | | | | | | | | | | | | | |
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| AND 1660 PEST PROM THE West LINE OF BEE. 2 TWP. 24N. REE. BW HMPM | | | | | | | | | | | | | | |
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| | | | N)* | kota | | Rotary | | | | | | | | |
| 21. Elevations (Show whether DF. | RT, etc.) 21 A. Kin | d & Status Plag. Bond 2 | IB. Drilling Contractor | | 22. Approx | . Date Work will start | | | | | | | | |
| 7241 GL | | | Undesignated | | 2nd Quarter, 1983 | | | | | | | | | |
| 23. | | | | | | | | | | | | | | |
| • | | PROPOSED CASING AND | CEMENT PROGRAM | | | | | | | | | | | |
| SIZE OF HOLE | SIZE OF CASING | | SETTING DEPTH | SACKS OF | | EST. TOP | | | | | | | | |
| 12-1/4" | 8-5/8" | 24 #/ft. | 200' | 175 s | | Surface | | | | | | | | |
| . 1-1/6 | 4-1/2 | | | | | | | | | | | | | |
| 7-7/8" 4-1/2" 11.6 #/ft. 7150' 795 sx. Above Ojo Alamo | | | | | | | | | | | | | | |
| • | ······································ | 11.6 #/16. | 7150' | 795 so | • | Above Ojo Alamo | | | | | | | | |
| Propose to drill with 175 sx. Will will run 4-1/2", to cover Gallup a followed by 50 sx 70 sx Class B 2% Kirtland and Ojo cam presenters will | l drill 7-7/8" 11.6 #/ft casi nd Dakota. Se Class H 2% ge D-79 followed l Alamo. Will p | o 200' and set the hole to TD, and and cond Stage with to cover Mesa by 50 sx Class perforate and st | 200' of 8-5/8", I run open hole cement 1st Stag tool @ 5100' wi Verde. Third S | 24 #/ft logs. ge with th 165 : tage too | , surfac If appea 450 sx C sx Class ol (265 red Clif | e casing rs productive, lass H 2% Gel B, 2% D-79 O' with fs. Fruitland. | | | | | | | | |
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OPERATOR

OIL CONSERVATION DIVISION .

STATE OF HEW MEXICO TICKEY NO MINERALS DEPARTMENT

P. O. UOX 2088 SANTA FC. NEW MEXICO 8754.

form C-107 Revised 10-1

All distances must be from the cuter boundaries of the Section.

| Operator | | | | | | Well No. | *************************************** | | | | | | | |
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| MERRION OII | & GA | S CORPOR | ATION | | SHO | O FLY | | 1 | | | | | | |
| Unit Letter" | Section | , 17 r | Township | 24N | Lange | Bw | County | an Juan | | | | | | |
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| 3. If more the | interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? | | | | | | | | | | | | | |
| Yes No If answer is "yes;" type of consolidation | | | | | | | | | | | | | | |
| | If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) | | | | | | | | | | | | | |
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| NM 16 | 569 | S ···································· | ec. | | | | | 1 ' ' ' | | & Gas Corp | oration | | | |
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P. O UOX 2048 SANTA FE, NEW MEXIĆO 87501

form C-107 kerised 10-1

All distances must be from the cuter houndaries of the Bestlem.

| ∂ ∌≠•≤ *r | | Locae | Well No. | |
|--|---|---|--|--|
| MERTION OIL & GAS CORPO | · | WILD HARE | | 1 |
| unit Le fer Section | Township 2LN | Range 8W | County San Juan | |
| Actual Footage Location of Wells | 1 5441 | UN UN | TOUR SOUR | |
| | North line and | | t from the West | line |
| 7176 Callup/D | 1 | P∞1 Dufers Point Gal | 4 | Dedicated Acreage: 160 . Acres |
| 1. Outline the acreage dedica | | , | | |
| If more than one lease is interest and royalty). | dedicated to the well | l, outline each and id | entify the ownerahip t | hereof (both as to working |
| 3. If more than one lease of disted by communitization, | | | , have the interests of | all owners been consoli- |
| Yes No II a | inswer is "yes;" type o | f consolidation | | |
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| sion. | , | , | an interesting has been | approved by the commis- |
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STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

F. O. BOX 2048

SANTA FC, NEW MEXICO 87501

Form C-107 Revised : Lu

All distances must be from the cuter boundaries of the Section. perator Well No. MERRION OIL & GAS CORPORATION Horsefly mit Letter Township County 2liN San Juan ctual Footage Location of Wells 790 South feet from the West line and feet from the round Level Elev: Producing Formation Dedicated Acreages ufers perel 7032 Gallup Gallup (PALLINA) 80 16 C Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Yes No - If answer is "yes," type of consolidation _ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. **CERTIFICATION** I hereby certify that the information contained herein is true and complete to the Steve S. Dunn Position Operations Manager Merrion Oil & Gas Corporation Sec. 2/8/85 I hereby certify that the well location 11 shown on this plat was plotted from field notes of actual surveys made by me er under my supervision, and that the same is true and correct to the best of my knowledge and belief. NM 014580

NEW MEXICO OIL CONSERVATION COMMISSIO WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator MERRION OIL & GAS CORPORATION Yucca Com Unit Letter Section Township Pance. County 25N San Juan Actual Factage Location of Well 1850 North feet from the line and Fast Ground Level Elev Producing Formation Dedicated Acreage 6481 Gallup/Dakota Dufers Point Gallup Dakora 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below, 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty) 3 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation Communitication If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the ny knowledge þad belj**e**l. B 10889 23 Steve S. Dunn Position Operations Manager 7901 Company LG 3493 Merrion 0:1.6 Gas Corporation Sec. 10/30/85 I heraby certify that the well location 2 shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the Lest of my knowledge and belief Date Surveyed

Scale: 1"-1000'

with a secusion is

Section 1

September 28, 1959

| Operand Western Natura | | 20 | C. A. | Keeling Fede | eral SF 078474 8W | \ \tag{4} |
|--|-----------------|----|-------|--------------|----------------------|-----------|
| Licated 990 Feet Court San Juan Name : Producing Forest | Galata Commence | | |) Dakota | 40 | \ \ |
| 1 1- the Orientarity is a | | | | | | |
| 2. If the answer to construct use constitution after size 2. | | | | | ·• | • |

3. If the answer to question two is 44 in the converge of 44 , 44 in the converge of 44 in the converge of



Section P

This is to be forther to inform the in Section Values of the section to be the first section to the best of my section of the
Western Natural Gas Co. Calrin M. Rayes 211/2 W. Main Farmington, New Mexico 9078474

Section 20

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Farmington, N. Mex. .

NI JEXICO OIL CONSERVATION COMMISS I WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator Legse Well No. MERRION OIL & GAS CORPORATION FEDERAL "A" Unit Lotter Section Township Range County San Juan Actual Footage Location of Wells South feet from the feet from the line Ground Level Elev: Producing Formation Dedicated Acreages Escrito Gallup 7178 Gallup Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3, If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes ☐ No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION RECEIVED I hereby certify that the information coned herein is true and complete to the ny knowledge gnd bellef. Steve S. Dunn Position Operations Manager Merrion Oil & Gas Corporation Date 7/31/85 Sec. I hereby certify that the well location shown on this plat was plotted from field 11 notes of actual surveys made by me or under my supervision, and that the same Is true and correct to the best of my knowledge and bellef. 7901 NM 014580A Scale: 1"=1000"

DISTRICT 1
1628 R. French Dr., Hobbs, R.M. 68240
Phone: (676) 3893-8161 Faz: (676) 3893-9720
DISTRICT II
811 3. First St., Artesia, R.M. 68210
Phone: (976) 746-1263 Faz: (676) 748-9720
DISTRICT III
1000 Rio Brenco Rd., Artes, R.M. 67410
Phone: (506) 534-6176 Faz: (505) 534-6170
DISTRICT IV
1220 B. R. Frencis Dr. Santa Fa, RM 67606
Phone: (500) 476-3460 Faz: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department

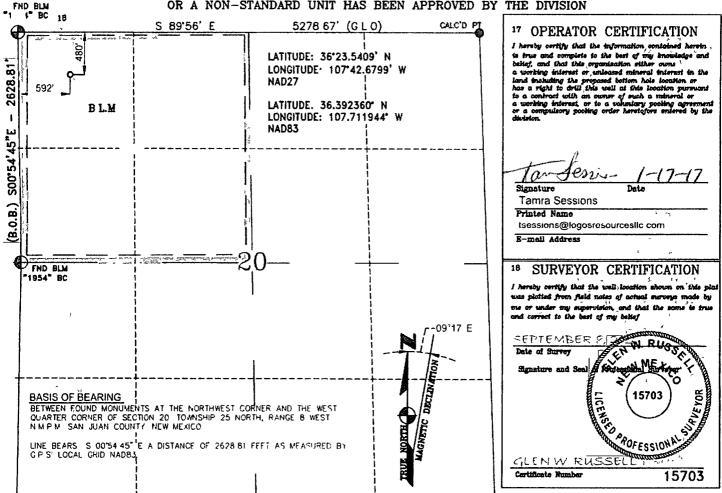
OIL CONSERVATION DIVISION 1220 South St Francis Dr Santa Fe, NM 87505 Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | Number | C (2) | C) | Pool Code | | 5.45 | *Pool Name | | | | | | | |
|--------------------------------|---------------|---------------------------|--------------------------|-----------|------------------|------------------|------------------------|----------------|-------------|--|--|--|--|--|
| 20.0c | <u>いここ</u> | 6822 | <u> </u> | 19859 | | DUF | FERS POINT-G | ALLUP DAKOTA | | | | | | |
| ⁴ Property C | ode | | | | *Property | Name | | • # | Well Number | | | | | |
| 3177 | 2000 2508 20D | | | | | | | | 15 | | | | | |
| OGRID No | , | | *Operator Name *Revation | | | | | | | | | | | |
| 289408 | 3 | LOGOS OPERATING, LLC 6544 | | | | | | | | | | | | |
| ¹⁰ Surface Location | | | | | | | | | | | | | | |
| UL or lot no | Section | Township | Range | Lot lon | Feet from the | North/South line | Feet from the | East/West line | County | | | | | |
| D | 20 | 25-N | 8-W | | 480 | NORTH | 592 | WEST | SAN JUAN | | | | | |
| | | | 11 Bott | om Hole | Location 1 | Different Fr | om Surface | | | | | | | |
| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | | | | | |
| *Dedicated Acre G-DK 160 | _ | | ¹⁹ Joint or | Infill | "Consolidation C | Code | ¹⁰ Order 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



McMillan, Michael, EMNRD

From:

Tamra Sessions <tsessions@logosresourcesllc com>

Sent:

Thursday, June 1, 2017 3 44 PM

To:

Philana Thompson

Cc:

McMillan, Michael, EMNRD

Subject:

RE North Dufers CDP OLM application to add LOGOS well

We have received the below mentioned OLM application from Merrion

Attachment was named '2017-5-31 CPD app to NMOCD' and is for adding LOGOS 2508 20D 15 well to Merrion's North Dufers CPD

Sincerely,

Tamra Sessions
Regulatory Specialist
Office 505-324-4145
tsessions@logosresourceslic.com



From: Philana Thompson [mailto pthompson@merrion bz]

Sent: Thursday, June 01, 2017 3 38 PM

To: Tamra Sessions <tsessions@logosresourcesllc com>

Cc: McMillan, Michael, EMNRD < Michael McMillan@state nm us>
Subject: North Dufers CDP OLM application to add LOGOS well

Tamra,

I sent a letter and a hard copy, I also sent you an email with the CDP application attached Please reply-all to this email that you received the copy of the application for NMOCDs records

Mr McMillan with the NMOCD in Santa Fe is CCd on this correspondence

Thanks Philana

Philana Thompson Regulatory Compliance Merrion Oil & Gas Corp cell 505-486-1171 fax 505-324-5300

State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph D
Deputy Cabinet Secretary

Jamı Balley, Division Director Oil Conservation Division



November 27, 2013

ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-387 Administrative Application Reference No pPRG1328952265

Merrion Oil & Gas Corp Attn: Mr. Ryan Davis

Pursuant to your application received on October 15, 2013, Merrion Oil & Gas Corp (OGRID 14634) is hereby authorized to surface commingle gas production only from the following pools located in Eddy County, New Mexico

Dufers Point; Gallup-Dakota (Oil) 19859 Escrito; Gallup (Associated) 22619

and from the following diversely owned wells located in said county

See Exhibit A attached hereto.

The commingled gas production shall be measured and sold at the North Dufers Central Delivery Point in Township 25 North, Range 8W, San Juan County. <u>Production from each of the wells shall be separately metered</u>. Meters shall be calibrated in accordance with Rule 19.15.12.10.C(2)(b).

The operator shall notify the transporter of this commingling authority

The operator shall notify the Aztec district office of the Division upon commencement of commingling operations.

November 27, 2013 Page 2

This approval is subject to like approval from the United States Bureau of Land Management and the New Mexico State Land Office before commencement of the commingling operations

Sincerely,

Jami Bailey

Division Director

JB/db

cc Oil Conservation Division District Office - Aztec

New Mexico State Land Office

United States Bureau of Land Management.

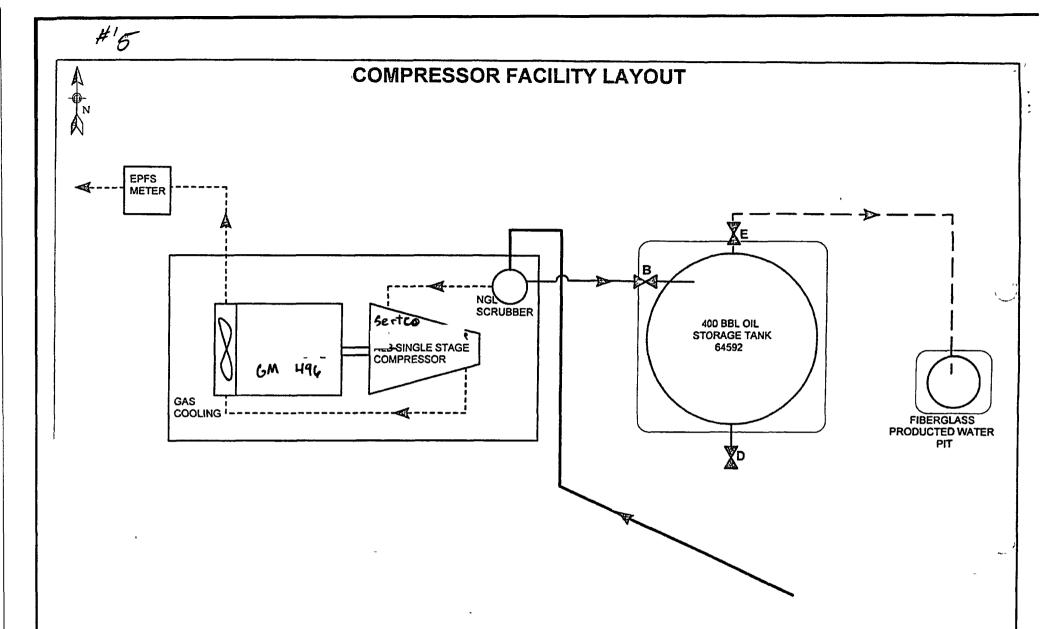
Mention Oil & Gas CPD –North Duters Point #97133

#2 List of All Wells and Connection Date to the CPD

| | | | | | | > . <u>.</u> 1 ½ | | | | | |
|---------------|--------------|-----------------|--------------|--------------|-------|------------------|-------|-------------|--------------|-----------|------------------|
| Well | API | Lease | Lline N/S | Liine E/W | Sec | TNSP | RNG | Lat | Long | Meter 3 | Connected to CPD |
| CPD Meter : | 9 1.81 | w* , ^ , | , D A | y 1 | 34 | | | | | 97-133 | |
| Federal A2 | 30-045-26536 | - nmnm14580A | 9405 | 790E | 11 | 24-N | 8-W | N35*19 432' | W107"38 733" | ∞ Chart | 1/1/1992 |
| Federal A3 | 30-045-26525 | NMNM14580A | 2270N | * 790E | 10 | 24-N | 8-W | N36.329242 | W107.663444 | J - Chart | 1/1/1992 |
| Federal A1 | 30-045-22225 | NMNM14580A | 970S | 1700E | 10 | 24-N | 8-14 | N36*19.444* | W107"39 955" | Chart | 1/1/1992 |
| Jalapeno 1 | 30-045-25580 | ∴ State | 790N | 1850W | 16 | 25-N | 8-W | N36*24 356 | W107*41.439* | - Chart | 1/1/1992 / |
| Roedrunner 1 | 30-045-25579 | State . | 2310N | 330W | 2 | 24-N | 8-W | N36*20.628* | W107*39.593* | → Chart | 1/1/1992 |
| Shoofly 1 | 30-045-26133 | · NMNM16589 | 780N | 1650W | 14 | 24-N | 8-W | N36*19 141' | W107*39.291' | * Chart | 1/1/1992 ~ : 🔭 |
| Shoofly 2 | 30-045-26322 | NMNM16689 | 970N | 790E | 15 | 24-N | 8-W | N36*19 115* | W107*39 780* | Chart | 1/1/1992 |
| Stephenson 2 | 30-045-25931 | NMSF078475 | 19605 | 860E | 7 | 25-N | 8-W | N36"24.814" | W107*42 985 | * Chart | 1/1/1992 |
| Staphenson 3 | 30-045-25985 | NMSF078475 | 1980\$ | 1980W | 8 | 25-N | 8-W | N36*24 816 | W107*42 44Z | Chart | 1/1/1992 |
| Stephenson 4 | 30-045-25988 | * NMSF078475 | 16605 | 1980E | ~ 8 | 25-N | 8-W | N36"24.600" | W107°42 173° | Chart | 1/1/1992 + 44 |
| Wagon Train 1 | 30-045-25912 | NMNM54982 | 17506 | ** 820E | 6 | 25-N | 8-W | N36*25.637* | W107°42 996° | Chart | 1/1/1992 |
| Warito 1 | 30-045-25376 | NOOC14205008 | 790N | 1810E | 7 | 25-N | 8-W | N38*25 233' | W107*43 216 | - Chart | 1/1/1992 ** * |
| Wild Hare 1 | 30-045-26014 | NMNM47167 | 970N | 970W | ~ 11 | 24-N | B-W | N36"19.973" | W107*39.461' | r Chart | 1/1/1992 - " |
| SOB Federal 1 | 30-045-25927 | NBMNM47169 | 1850N | 990W | 8 | 25-N | 8-W | N36"25 056" | W107*42 649' | Chart | `1/1/1992 |
| Horseffly 1 | 30-046-26310 | NMNM014580 | 7905 | 790W | **11 | 24-N | ' 8-W | N36*19.400* | W107.39.471' | Chart | .1/1/1992 |
| Yucca Com 1 | 30-045-26584 | . `>!\\∴` State | /1850N | ~ 790E | ′ ~ 2 | 25-N | 9-W | N36*25 942* | W107*45.157* | : Chart | 1/1/1992 |

Keeling #1 30-045-05299 SF-078474 990N 1750E 20 25N 8W N36.390934 W-107.7019274 Charl Walting on line

Red indicates Crow Mesa Area (T24N R8W), all others (T25N R8/9W) are North Dufers Point Area



FLUID FLOW LEGEND

Total Production

____ O:l

_ __ _ Water

____ Gas

---- Diesel

VALVE SEAL LEGEND

A - Sealed Closed at All Times.

B - Sealed Open for Production, Sealed Closed for Sales

- C - Sealed Closed for Sale at Either Tank

D - Sealed Closed for Production, Open for Sales

E - Normally Sealed Closed Except to Haul Water

Merrion Oil & Ga's Corp.
North Dufer's Point
Central Compression Facility, CPD
Section 1, T25N, R9W
Rio Arriba County
(Not to Scale)

Drawn by Connie Dinning, 7/3/96

McMillan, Michael, EMNRD

| | Manday June 5, 2017 3, 24 PM |
|---|--|
| Sent: - | Monday, June 5, 2017 3 24 PM |
| Γο: Subjects | McMillan, Michael, EMNRD |
| Subject: | Re North Dufer CPD application |
| NMSLO certified lett | er tracking #70160910000123657776 |
| | at 3 18 PM, Philana Thompson pthompson@merrion.bz > wrote y of the envelope, can I send a copy of the signed green card when I receive it or is the se enough? |
| On Mon, Jun 5, 201 | 7 at 3 12 PM, McMillan, Michael, EMNRD < Michael McMillan@state.nm us > wrote |
| Proof of mailing only | , not return receipts |
| mıke | |
| | |
| From: Philana Thomp Sent: Monday, June! | oson (mailto <u>pthompson@merrion bz)</u> 5, 2017 2 59 PM |
| | chael, EMNRD < Michael McMillan@state nm us > Dufer CPD application |
| , • | ed the returned registered mail card (which we have not got back from them yet) I can ommunication I have going with them |
| On Mon, Jun 5, 201 | 7 at 2 56 PM, McMillan, Michael, EMNRD < Michael McMillan@state nm us > wrote |
| Where is the NMSLO |) proof of mailing? |
| Mıke | |
| | |
| From: McMillan, Mi Sent: Friday, June 2, | · |
| | npson' < <u>pthompson@merrion bz</u> > th Dufer CPD application |
| Bublecti RE. Nort | in Duter of D application |

McMillan, Michael, EMNRD

| From: | Philana Thompson <pre><pre><pre><pre>pthompson@merrion bz></pre></pre></pre></pre> |
|--|--|
| Sent: | Monday, June 5, 2017 3 00 PM |
| To: | McMillan, Michael, EMNRD |
| Subject: | Fwd Notice to working and royalty interest owners |
| Attachments: | ımage001 png |
| Forwarded message From Gruebel, Marilyn <mg< td=""><th></th></mg<> | |
| Date. Fr., Jun 2, 2017 at 9 42 | |
| Subject RE Notice to working | |
| To "pthompson@merrion bz" | |
| 10 phiompson@merrion oz | ~pmompson@merrion bz |
| Good morning, Philana – | |
| | on the commingling application Because there is production from New Mexico State nmingling, you are correct in sending an application to us |
| · · · · · · · · · · · · · · · · · · · | ou have included, we require an application letter addressed to the New Mexico ating the type of permission desired and the reasons, accompanied by an application fee |
| Please enşure that you have all n surface facilities or flow lines inve | necessary business leases and rights-of-way from the New Mexico State Land Office if olve State Trust acreage |
| If you have any questions or if we | e may be of further assistance, my contact information is attached to this email |
| Best regards, | |
| Marılyn | |
| | |
| | |



Marilyn Gruebel

Units/Commingling Manager

Oil, Gas & Minerals Division

505 827 5791

505 827.4739 Fax

New Mexico State Land Office

310 Old Santa Fe Trail

PO Box 1148

Santa Fe, NM 87504-1148

mgruebel@slo state nm us

www slo state nm us

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From: Philana Thompson [mailto pthompson@merrion bz]

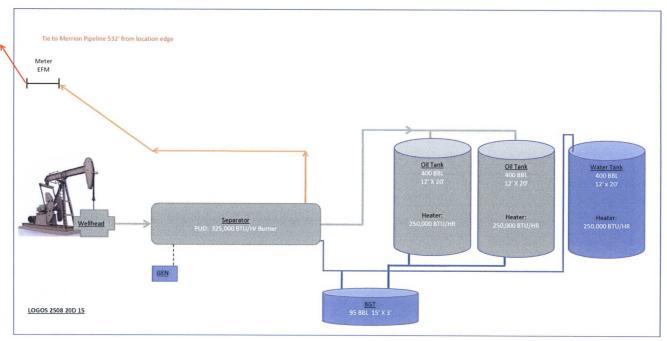
Sent: Thursday, June 01, 2017 4 26 PM

To: Martinez, Danny - Royalty < DMartinez@slo state nm us >, Warnell, Terry < twarnell@slo state nm us >

Subject: Notice to working and royalty interest owners

Please see the attached proposal to add a well to our North Dufers CPD

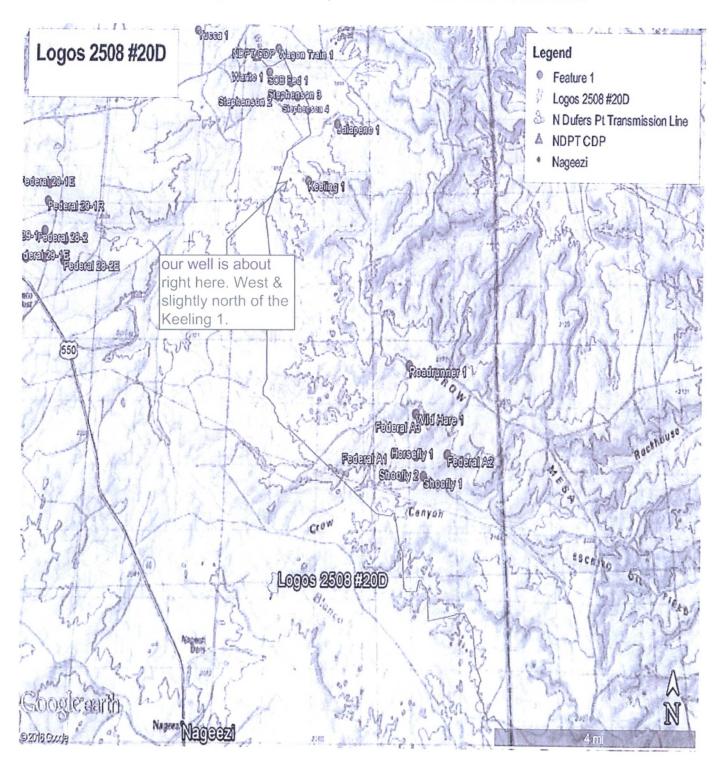
PROCESS FLOW DIAGRAM



.

Merrion Oil & Gas CPD -North Dufers Point #97133

#4 AREA MAP
The area is shown on the topo locator maps for wells and flowline to the CPD.





Prod Alloc - Delivery System to Well-State Volumes

December2016

| Codo | Name | State | State Begin inv | State Oil Frod | State Oil Sales | State Other Disp | State End Inv | State Gas Prod | State Gas Sales | State Gas MMBtu | State Gas O D | State Gas Inj | State Water Prod | State Water Injected | Days Up |
|-----------|----------------------------|------------------|-----------------------|----------------------|-----------------------|------------------------|---------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|------------------------|----------------------------|------------|
| Code | CPDNPDDS1 | North Dufers Pol | nt CPD | | | | | | | | | | | , | |
| 0258 01 | Federal A1 GL | NM | 379 | 104 | 0 | 0 | 483 | 414 | 258 | 344 | 156 | 0 | 10 | 0 | 26 |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | o | 0 | 0 | 0 |
| 0344 01 | Horsefly 1 GL | NM | 314 | 0 | 0 | Q | 314 | 0 | 0 | 0 | a | 0 | o | 0 | o |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 0 | 0 | 0 | 224 | 276 | 102 | 136 | 174 | 0 | 0 | 0 | 31 |
| 0383 01 | Keeling 1 GL | NM | 145 | 30 | 0 | 0 | 175 | 842 | 695 | 926 | 147 | 0 | 50 | 0 | 31 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 211 | 65 | 86 | 146 | 0 | 0 | 0 | 27 |
| 0525 01 | Shoofly 1 GL | NM | 245 | 0 | 0 | 0 | 245 | 105 | 22 | 29 | 83 | 0 | 0 | 0 | 16 |
| 0526 01 | Shoofly 2 GL | NM | 244 | G | o | o | 244 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| , 0538 01 | SOB Federal 1 Gi | . NM | 299 | 0 | 0 | 0 | 299 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0564 01 | Stephenson 4 GL | NM | 315 | 6 | 0 | 0 | 321 | 454 | 254 | 277 | 200 | 0 | 20 | 0 | 30 |
| 0598 01 | Wagon Train 1 Gi | . NM | 357 | 5 | 191 | 2 | 169 | 1 283 | 1 009 | 1 345 | 274 | 0 | 10 | 0 | 31 |
| 0597 01 | Wanto 1 GL | NM | 311 | 0 | 0 | 0 | 311 | 199 | 43 | 58 | 156 | 0 | 0 | 0 | 30 |
| 0615 01 | Wild Hare 1 GL | NM | 89 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0621 01 | Yucca Com 1 GL | NM | 150 | | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Al | loc Totals for North Dufer | Point CP | 3,584 | 145 | 191 | 2 | 3,536 | 3 764 | 2 448 | 3,201 | 1,336 | 0 | 90 | 0 | |
| Report | Totale | | 3,584 | 145 | 191 | 2 | 3,536 | 3 784 | 2,448 | 3,201 | 1,335 | 0 | 90 | 0 | |

Printed 6/21/2017 9 25 27 AM

Page 1

EisRpt0000001591



Prod Alloc - Delivery System to Well-State Volumes

January2017

| A . 4 . | Name | 54-4- | State Begin inv | State Oil Prod | State Oil | State Other Disp | State End | State Ges | State | State Gas | State Gas | State Gas | State Water | State Water | Daya |
|---------------|-----------------------------|----------------------|-----------------------|----------------------|--------------|------------------------|--------------|--------------|-------|--------------|--------------|--------------|----------------|----------------|------|
| Code CPDNI | | State Dufers Poir | | Prou | Salos | Uisp | Inv | Prod | Sales | MMBtu | 0.0 | inj | Prod | Injected | Up |
| 0258 01 | Federal A1 GL | NM | 483 | 0 | 0 | 0 | 483 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | o |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0344 01 | Horsefly 1 GL | NM | 314 | 21 | 184 | 0 | 151 | 174 | 98 | 128 | 78 | 0 | 5 | 0 | 13 |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 0 | 0 | 0 | 224 | 319 | 146 | 195 | 173 | 0 | 0 | 0 | 31 |
| 0383 01 | Keeling 1 GL | NM | 175 | 29 | 0 | 0 | 204 | 702 | 614 | 821 | 88 | 0 | 35 | 0 | 31 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0525 01 | Shoofly 1 GL | NM | 245 | 0 | 0 | 0 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | q | 0 |
| 0526 01 | Shoofly 2 GL | NM | 244 | 62 | 0 | 0 | 306 | 353 | 176 | 236 | 177 | 0 | 5 | 0 | 31 |
| 0538 01 | SOB Federal 1 GL | NM | 299 | 0 | 0 | 0 | 299 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 0 | 0 | 0 | 39 | 152 | 0 | 0 | 152 | 0 | 0 | 0 | 31 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9564 01 | Stephenson 4 GL | NM | 321 | 43 | 189 | 0 | 175 | 641 | 428 | 468 | 213 | 0 | 30 | 0 | 31 |
| 0596 01 | Wagon Train 1 GL | NM | 169 | 21 | 0 | 0 | 190 | 1 352 | 1 137 | 1 519 | 215 | 0 | 20 | 0 | 27 |
| 0597 01 | Warlto 1 GL | NM | 311 | 44 | 0 | 0 | 355 | 291 | 130 | 174 | 161 | 0 | 25 | 0 | 31 |
| 0615 01 | Wild Hare 1 GL | NM | 89 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0821 01 | Yucca Com 1 GL | NM | 150 | 28 | 0 | | 178 | 1 166 | 887_ | 1 185 | 279 | | 30 | 0 | 31 |
| Alloc To | tale for North Dufers Point | CP | 3,536 | 248 | 373 | 0 | 3,411 | 5 150 | 3,614 | 4,725 | 1,536 | 0 | 150 | 0 | |
| Report Totals | | | 3,536 | 248 | 373 | 0 | 3,411 | 5 150 | 3,614 | 4,725 | 1,536 | 0 | 150 | 0 | |



Prod Alloc - Delivery System to Well-State Volumes

February2017

| Code | Name | State | State Begin Inv | State Oil Prod | State Oil Sales | State Other Disp | State End Inv | State Gas Prod | State Gas Sales | State Gas MMBtu | State Gas O D | State Gas (n) | State Water Prod | State Water Injected | Days Up |
|-----------|---------------------------|------------------|-----------------------|----------------------|-----------------------|------------------------|---------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|------------------------|----------------------------|------------|
| Code C | PDNPDDS1 | North Dufers Pol | nt CPD | | | | - | | <u>-</u> | | | | | | |
| 0258 01 | Federal A1 GL | NM | 483 | 0 | 0 | 0 | 483 | 308 | 173 | 227 | 135 | 0 | 0 | 0 | 28 |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0344 01 | Horsefly 1 GL | NM | 151 | 0 | 0 | 0 | 151 | 0 | 0 | 0 | 0 | 0 | 0 | Q | a |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 0 | 0 | 0 | 224 | 246 | 95 | 124 | 151 | 0 | 0 | 0 | 28 |
| 0383 01 | Keeling 1 GL | NM | 204 | 25 | 0 | 0 | 229 | 913 | 796 | 1 042 | 117 | 0 | 40 | 0 | 28 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0525 01 | Shoofly 1 GL | NM | 245 | 0 | 0 | 0 | 245 | 193 | 65 | 85 | 128 | 0 | 0 | 0 | 24 |
| 0526 01 | Shoofly 2 GL | NM | 306 | 3 | 0 | 0 | 309 | 190 | 51 | 67 | 139 | o | 0 | 0 | 27 |
| 0538 01 | SOB Federal 1 GL | . NM | 299 | 41 | 0 | 0 | 340 | 476 | 316 | 414 | 160 | 0 | 40 | 0 | 23 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | o |
| 0564 01 | Stephenson 4 GL | NM | 175 | 39 | 0 | 0 | 214 | 408 | 236 | 256 | 172 | 0 | 35 | 0 | 28 |
| 0596 01 | Wagon Train 1 GL | . NM | 190 | 13 | 0 | 0 | 203 | 1 283 | 1 072 | 1 403 | 211 | 0 | 10 | 0 | 27 |
| 0597 01 | Warito 1 GL | NM | 355 | 3 | 0 | 0 | 358 | 269 | 115 | 151 | 154 | 0 | 0 | 0 | 28 |
| 0615 01 | Wild Hare 1 GL | ММ | 89 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0621 01 | Yucca Com 1 GL | NM | 178 | | 0 | | 185 | 417 | 248 | 325 | 169 | 0 | | 0 | 27 |
| Alto | c Totals for North Dufers | Point CP | 3 411 | 131 | 0 | 0 | 3,542 | 4,703 | 3,167 | 4,092 | 1,536 | 0 | 125 | 0 | |
| Report To | otals | | 3,411 | 131 | 0 | 0 | 3,542 | 4 703 | 3,167 | 4,092 | 1,536 | 0 | 125 | 0 | |

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ErsRpt0000001591



Prod Alloc - Delivery System to Well-State Volumes

March2017

| Code | Name | State | State Begin Inv | State Oil Prod | State Oil Sales | State Other Disp | State End Inv | State Gas Prod | State Gas Sales | State Gas MMBtu | State Gas O D | State Gas Inj | State Water Prod | State Water Injected | Days Up |
|-----------|--------------------------|------------------|-----------------------|----------------------|-----------------------|------------------------|---------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|------------------------|----------------------------|------------|
| Code C | PDNPDDS1 | North Dufers Poi | nt CPD | | | | | | | | | <u>-</u> | | | |
| 0258 01 | Federal A1 GL | NM | 463 | 0 | 0 | 0 | 483 | 96 | 18 | 23 | 78 | 0 | 0 | 0 | 19 |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 155 | 67 | 88 | 88 | 0 | 0 | 0 | 16 |
| 0344 01 | Horsafly 1 GL | NM | 151 | 44 | 0 | 0 | 195 | 288 | 118 | 155 | 170 | 0 | 5 | 0 | 31 |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 0 | 0 | 0 | 224 | 350 | 172 | 225 | 178 | 0 | 0 | 0 | 31 |
| 0383 01 | Keeling 1 GL | NM | 229 | 20 | 0 | 0 | 249 | 528 | 458 | 599 | 70 | 0 | 30 | 0 | 31 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0525 01 | Shoofly 1 GL | NM | 245 | 0 | 0 | 0 | 245 | 170 | 41 | 54 | 129 | 0 | 0 | 0 | 25 |
| 0526 01 | Shoofly 2 GL | NM | 309 | 157 | 178 | 0 | 268 | 336 | 160 | 209 | 176 | 0 | 5 | 0 | 31 |
| 0538 01 | SOB Federal 1 GL | . NM | 340 | 0 | 0 | 0 | 340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 0 | 0 | 0 | 39 | 166 | 63 | 82 | 103 | 0 | 0 | 0 | 19 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 91 | 11 | 15 | 80 | 0 | 0 | 0 | 16 |
| 0584 01 | Stephenson 4 GL | NM | 214 | 48 | 0 | 0 | 262 | 438 | 248 | 269 | 190 | 0 | 30 | 0 | 31 |
| 0596 01 | Wagon Train 1 Gt | . NM | 203 | 14 | 0 | 0 | 217 | 1 815 | 1 523 | 1 993 | 292 | 0 | 20 | 0 | 31 |
| 0597 01 | Wanto 1 GL | NM | 358 | 0 | 0 | 0 | 358 | 281 | 112 | 147 | 169 | 0 | 0 | 0 | 31 |
| 0615 01 | Wild Hare 1 GL | NM | 89 | 0 | 0 | 0 | 89 | 113 | 38 | 49 | 75 | 0 | 0 | 0 | 14 |
| 0621 01 | Yucca Com 1 GL | NM | 185 | 39 | 0 | | 224 | 578 | 370 | 484 | 208 | 0 | 20 | 0 | 31 |
| Allo | c Totals for North Dufer | 3 542 | 322 | 178 | 0 | 3 686 | 5 405 | 3 399 | 4,393 | 2,008 | 0 | 110 | 0 | | |
| Report To | otnis | | 3,542 | 322 | 178 | 0 | 3,686 | 5,405 | 3 399 | 4,393 | 2.006 | 0 | 110 | 0 | |



Prod Alloc - Delivery System to Well-State Volumes

April2017

| Code | Name | State | State Begin Inv | State Oil Prod | State Oil Sales | State Other Disp | , State End Inv | State Gas Prod | State Gas Sales | State Gas MMBtu | State Gas O D | State Gas (n) | State Water Prod | State Water Injected | Days Up |
|---------------|--|-------------------|-----------------------|----------------------|-----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|------------------------|----------------------------|------------|
| Code CPDN | PDDS1 | North Dufers Poir | nt CPD | | | <u> </u> | | | | | | <u>_</u> | | | <u></u> |
| 0258 01 | Federal A1 GL | NM | 483 | 113 | 191 | 0 | 405 | 436 | 279 | 366 | 157 | 0 | o | 0 | 30 |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0344 01 | Horsefly 1 GL | NM | 195 | 9 | 0 | 0 | 204 | 5 | 0 | 0 | 5 | 0 | 10 | 0 | 1 |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 0 | 0 | 0 | 224 | 282 | 119 | 156 | 163 | 0 | 0 | 0 | 30 |
| 0383 01 | Keeling 1 GL | NM | 249 | 40 | 0 | 0 | 289 | 74 | 65 | 85 | 9 | 0 | 0 | 0 | 30 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0525 01 | Shoofly 1 GL | NM | 245 | 225 | 190 | 0 | 280 | 369 | 195 | 255 | 174 | 0 | 0 | 0 | 30 |
| 0526 01 | Shoofly 2 GL | NM | 288 | 5 | 0 | 0 | 293 | 246 | 87 | 113 | 159 | 0 | ٥ | 0 | 30 |
| 0538 01 | SOB Federal 1 Gi | _ NM | 340 | 0 | 189 | 0 | 151 | 1 021 | 767 | 1 005 | 254 | 0 | 80 | 0 | 30 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 0 | 0 | 0 | 39 | 278 | 115 | 150 | 163 | 0 | 0 | 0 | 30 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0564 01 | Stephenson 4 GL | NM | 262 | 53 | 0 | 0 | 315 | 457 | 272 | 295 | 185 | 0 | 15 | 0 | 30 |
| 0596 01 | Wagon Train 1 Gl | . NM | 217 | 10 | 0 | 0 | 227 | 1 561 | 1 322 | 1 731 | 239 | 0 | 15 | 0 | 28 |
| 0597 01 | Wanto 1 GL | NM | 358 | 37 | 183 | 0 | 212 | 316 | 148 | 194 | 168 | 0 | 0 | 0 | 30 |
| 0615 01 | Wild Hare 1 GL | NM | 89 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0621 01 | Yucca Com 1 GL | NM | 224 | | 0 | | 224 | 402 | 224 | 293 | 178 | 0 | 0 | 0 | 30 |
| Alloc To | Alloc Totals for North Dufers Point CP 3 | | | | 753 | 0 | 3 425 | 5,447 | 3,593 | 4 644 | 1,854 | 0 | 120 | 0 | |
| Report Totals | | | 3,686 | 492 | 753 | 0 | 3 425 | 5 447 | 3 593 | 4,644 | 1,854 | 0 | 120 | 0 | |

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Prod Alloc - Delivery System to Well-State Volumes

May2017

| Code | Namo | State | State Begin Inv | State Oil Prod | State Oil Sales | State Other Disp | State End inv | State Gas Prod | State Gas Sales | State Gas MMBtu | State Gas O D | State Gas Ini | State Water Prod | State Water Injected | Days Up |
|---------------|----------------------------|----------------|-----------------------|----------------------|-----------------------|------------------------|---------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|------------------------|----------------------------|------------|
| Code CPDNI | | th Oufers Poin | | 7100 | | Disp | inv. | 7100 | Jaies | MADE | - 00 | | PTOD | injected | ор |
| 0258 01 | Federal A1 GL | NM | 405 | 37 | 11 | 0 | 431 | 122 | 0 | 0 | 122 | 0 | o | 0 | 31 |
| 0259 01 | Federal A2 GL | NM | 171 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0344 01 | Horsefly 1 GL | NM | 204 | 158 | 203 | 0 | 159 | 819 | 603 | 788 | 216 | 0 | 0 | 0 | 29 |
| 0363 01 | Jalapeno 1 GL | NM | 224 | 7 | 7 | 0 | 224 | 317 | 147 | 192 | 170 | 0 | 0 | 0 | 31 |
| 0383 01 | Keeling 1 GL | МИ | 289 | 52 | 210 | 65 | 66 | 559 | 498 | 651 | 61 | 0 | 35 | 0 | 31 |
| 0505 01 | Roadrunner 1 GL | NM | 99 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0525 01 | Shoofly 1 GL | NM | 280 | 6 | 4 | 0 | 282 | 298 | 130 | 171 | 168 | 0 | 0 | 0 | 31 |
| 0526 01 | Shoofly 2 GL | NM | 293 | 146 | 187 | 0 | 252 | 325 | 154 | 201 | 171 | 0 | 2 | 0 | 31 |
| 0538 01 | SOB Federal 1 GL | NM | 151 | 46 | 0 | 0 | 197 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 1 |
| 0562 01 | Stephenson 2 GL | NM | 39 | 6 | 5 | 0 | 40 | 143 | 123 | 161 | 20 | 0 | 0 | 0 | 1 |
| 0563 01 | Stephenson 3 GL | NM | 203 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0564 01 | Stephenson 4 GL | NM | 315 | 54 | 17 | 0 | 352 | 478 | 291 | 315 | 187 | 0 | 15 | 0 | 31 |
| 0596 01 | Wagon Train 1 GL | NM | 227 | 76 | 79 | 0 | 224 | 1 648 | 1 414 | 1 850 | 234 | 0 | 10 | 0 | 31 |
| 0597 01 | Wanto 1 GL | NM | 212 | 8 | 8 | 0 | 212 | 321 | 151 | 197 | 170 | 0 | 0 | 0 | 31 |
| 0615 01 | Wild Hare 1 GL | NM | 89 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0621 01 | Yucca Com 1 GL | NM | 224 | 66 | 21 | 0 | 269 | 960 | 720 | 942 | _240 | 0 | 25 | 0 | 31 |
| Alloc Tot | ials for North Dufers Poli | nt CP | 3 425 | 662 | 752 | 65 | 3 270 | 5 995 | 4 231 | 5 468 | 1 764 | 0 | 87 | 0 | |
| Report Totals | | 3,425 | 662 | 752 | 65 | 3,270 | 5,995 | 4,231 | 5 468 | 1,764 | 0 | 87 | 0 | | |

State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph D Deputy Cabinet Secretary Jami Balley, Division Director
Oil Conservation Division



November 27, 2013

ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-387
Administrative Application Reference No. pPRG1328952265

Merrion Oil & Gas Corp Attn: Mr. Ryan Davis

Pursuant to your application received on October 15, 2013, Merrion Oil & Gas Corp (OGRID 14634) is hereby authorized to surface commingle gas production only from the following pools located in Eddy County, New Mexico.

Dufers Point; Gallup-Dakota (Oil) 19859 Escrito; Gallup (Associated) 22619

and from the following diversely owned wells located in said county:

See Exhibit A attached hereto.

The commingled gas production shall be measured and sold at the North Dufers Central Delivery Point in Township 25 North, Range 8W, San Juan County. Production from each of the wells shall be separately metered. Meters shall be calibrated in accordance with Rule 19.15.12.10.C(2)(b).

The operator shall notify the transporter of this commingling authority.

The operator shall notify the Aztec district office of the Division upon commencement of commingling operations.

November 27, 2013 Page 2

This approval is subject to like approval from the United States Bureau of Land Management and the New Mexico State Land Office before commencement of the commingling operations

Sincerely,

Jami Bailey
Division Director

JB/db

cc. Oil Conservation Division District Office - Aztec

New Mexico State Land Office

United States Bureau of Land Management.

Merrion Oil-& Gas-CPD -North Dufers Point #97133

#2 List of All Wells and Connection Date to the CPD

| Well | API | Leane | Liine . N/S | Lline E/W | Sec | TNSP. | RNG | Let 🧳 | Long | Meter # | Connected to CPD |
|---------------|----------------|-----------------|----------------|--------------|-----|-------|--------|-------------|--------------|---------|------------------|
| CPD Mater | ي د ايا | (7 | | | | , | 7, 2 | | | 97-133 | |
| Federal A2 | . 30-045-26538 | NMNM14580A | 8405 | .790E | .11 | 24-N. | .,8-W. | N36719.432 | W107'38.733' | Chart. | 1/1/1992 |
| Federal A3 | 30-045-26525 | NMNM14580A" | 2270N | 790E | 10 | 24-N | - 8-W | N38.329242 | W107.583444 | Chart | 1/1/1992 |
| Federal A1 | 80-045-22225 | NMNM14580A | 9708 | 1700E | 10 | 24-N | 8-W | N36"19.444" | W107'39.955' | Chart | 1/1/1992 |
| Jaiapeno 1 | 30-045-25580 | State | 790N | 1650W | 16 | 25-N | 8-W | N36*24.358 | W107*41.439 | Chart | 1/1/1992 |
| Roedrunner 1 | 30-046-26579 | State | 2310N | 330W | 2 | 24 N | 8-11 | N36*20.628 | W107*39.593* | Chart | 1/1/1992 |
| Shootly 1 | 30-045-26133 | NMNM16589 | 790N | 1650W | 14 | 24-N | 8-W | N36*19.141* | W107"39.291" | Chart | 1/1/1992 |
| Shoofly 2 | 30-046-26322 | NMNM16589 | 970N | 790E | 15 | 24-N | 8-W | N36*19.116* | W107*39.780* | Chart | 1/1/1992 |
| Stephenson 2 | 30-045-25931 | NMSF078475 | 1960S | " :860E | 7 | 25 N | 8-W | N38*24.814 | W107*42 985 | Chart | 1/1/1992 |
| Stephenson 3 | 30-045-25985 | NMSF078475 | 19808 | 1960W | . 8 | -25-N | W-8 | N36*24.816* | W107'42.442 | Chart | 1/1/1992 |
| Stephenson 4 | 30-045-25988 | NMSF078475 | 1660S | 1980E | 8 | 25-N | 8-W | N36"24.600" | W107*42.173 | Chart | 1/1/1992 |
| Wagon Train 1 | 30-045-25912 | NUMNUA54982 | 17605 | 820E | 8 | 25-N | 8-W | N36*25.637 | W107*42.996 | Chart | 1/1/1992 |
| Warito 1 | 30-045-25376 | NOOC14205008 | 790N | 1810E | 7 | 25-N | 8-W | N36*25.233* | W107*43.216 | Chart | 1/1/1992 |
| Wild Hare 1 | 30-045-26014 | NMNM47167 | 970N | 970W | 11 | 24-N | 8-W | N38-19.973' | W107*39.461* | Chart | 1/1/1992 |
| SOB Federal 1 | 30-045-25927 | NMNM47169 | 1850N | 990W | 8 | 25-N | 8-W | N36"25.056" | W107-42.649 | Chart | 1/1/1992 |
| Horsefiy 1 | 30-045-26310 | - NIMINIMO14580 | 7903 | 790W | 11 | 24-N | 8-W | N36~19.400° | W107.39.471 | Chart | 1/1/1992 |
| Yucce Com 1 | 30-045-26584 | State | 1850N | 790E | - 2 | 25-N | 9-W | N36*25.942* | W107°45 157 | Chart | 1/1/1992 |

Keeling #1 30-045-05299 SF-078474 990N 1750E 20 25N 8W N36.390934 W-107.7019274 Chart Walting on line

Red indicates Crow Mesa Area (124N R8W), all others (125N R8/9W) are North Dufers Point Area