

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE April 6, 1962

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFC _____

Proposed DC X

Gentlemen:

I have examined the application dated 3/29/62
for the Pan American Pet. Corp. Southland Royalty Co. "A" #1-G 9-21-37
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Acreage dedicated to Southland Royalty #6-H 9-21-37---E.F.E.

Geologically O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

1. $\frac{1}{2} \log \frac{1}{2} = -\frac{1}{2} \log 2 = -\frac{1}{2} \times 0.3010 = -0.1505$
 2. $\frac{1}{4} \log \frac{1}{4} = -\frac{1}{4} \log 4 = -\frac{1}{4} \times 0.6020 = -0.1505$
 3. $\frac{1}{8} \log \frac{1}{8} = -\frac{1}{8} \log 8 = -\frac{1}{8} \times 0.9030 = -0.1129$
 4. $\frac{1}{16} \log \frac{1}{16} = -\frac{1}{16} \log 16 = -\frac{1}{16} \times 1.2041 = -0.0753$
 5. $\frac{1}{32} \log \frac{1}{32} = -\frac{1}{32} \log 32 = -\frac{1}{32} \times 1.5051 = -0.0469$
 6. $\frac{1}{64} \log \frac{1}{64} = -\frac{1}{64} \log 64 = -\frac{1}{64} \times 1.8062 = -0.0281$
 7. $\frac{1}{128} \log \frac{1}{128} = -\frac{1}{128} \log 128 = -\frac{1}{128} \times 2.1072 = -0.0164$
 8. $\frac{1}{256} \log \frac{1}{256} = -\frac{1}{256} \log 256 = -\frac{1}{256} \times 2.4082 = -0.0094$
 9. $\frac{1}{512} \log \frac{1}{512} = -\frac{1}{512} \log 512 = -\frac{1}{512} \times 2.7093 = -0.0053$
 10. $\frac{1}{1024} \log \frac{1}{1024} = -\frac{1}{1024} \log 1024 = -\frac{1}{1024} \times 3.0103 = -0.0029$
 11. $\frac{1}{2048} \log \frac{1}{2048} = -\frac{1}{2048} \log 2048 = -\frac{1}{2048} \times 3.3113 = -0.0016$
 12. $\frac{1}{4096} \log \frac{1}{4096} = -\frac{1}{4096} \log 4096 = -\frac{1}{4096} \times 3.6123 = -0.0009$
 13. $\frac{1}{8192} \log \frac{1}{8192} = -\frac{1}{8192} \log 8192 = -\frac{1}{8192} \times 3.9133 = -0.0005$
 14. $\frac{1}{16384} \log \frac{1}{16384} = -\frac{1}{16384} \log 16384 = -\frac{1}{16384} \times 4.2143 = -0.0003$
 15. $\frac{1}{32768} \log \frac{1}{32768} = -\frac{1}{32768} \log 32768 = -\frac{1}{32768} \times 4.5153 = -0.0002$
 16. $\frac{1}{65536} \log \frac{1}{65536} = -\frac{1}{65536} \log 65536 = -\frac{1}{65536} \times 4.8163 = -0.0001$
 17. $\frac{1}{131072} \log \frac{1}{131072} = -\frac{1}{131072} \log 131072 = -\frac{1}{131072} \times 5.1173 = -0.0001$
 18. $\frac{1}{262144} \log \frac{1}{262144} = -\frac{1}{262144} \log 262144 = -\frac{1}{262144} \times 5.4183 = -0.0001$
 19. $\frac{1}{524288} \log \frac{1}{524288} = -\frac{1}{524288} \log 524288 = -\frac{1}{524288} \times 5.7193 = -0.0001$
 20. $\frac{1}{1048576} \log \frac{1}{1048576} = -\frac{1}{1048576} \log 1048576 = -\frac{1}{1048576} \times 6.0203 = -0.0001$
 21. $\frac{1}{2097152} \log \frac{1}{2097152} = -\frac{1}{2097152} \log 2097152 = -\frac{1}{2097152} \times 6.3213 = -0.0001$
 22. $\frac{1}{4194304} \log \frac{1}{4194304} = -\frac{1}{4194304} \log 4194304 = -\frac{1}{4194304} \times 6.6223 = -0.0001$
 23. $\frac{1}{8388608} \log \frac{1}{8388608} = -\frac{1}{8388608} \log 8388608 = -\frac{1}{8388608} \times 6.9233 = -0.0001$
 24. $\frac{1}{16777216} \log \frac{1}{16777216} = -\frac{1}{16777216} \log 16777216 = -\frac{1}{16777216} \times 7.2243 = -0.0001$
 25. $\frac{1}{33554432} \log \frac{1}{33554432} = -\frac{1}{33554432} \log 33554432 = -\frac{1}{33554432} \times 7.5253 = -0.0001$
 26. $\frac{1}{67108864} \log \frac{1}{67108864} = -\frac{1}{67108864} \log 67108864 = -\frac{1}{67108864} \times 7.8263 = -0.0001$
 27. $\frac{1}{134217728} \log \frac{1}{134217728} = -\frac{1}{134217728} \log 134217728 = -\frac{1}{134217728} \times 8.1273 = -0.0001$
 28. $\frac{1}{268435456} \log \frac{1}{268435456} = -\frac{1}{268435456} \log 268435456 = -\frac{1}{268435456} \times 8.4283 = -0.0001$
 29. $\frac{1}{536870912} \log \frac{1}{536870912} = -\frac{1}{536870912} \log 536870912 = -\frac{1}{536870912} \times 8.7293 = -0.0001$
 30. $\frac{1}{1073741824} \log \frac{1}{1073741824} = -\frac{1}{1073741824} \log 1073741824 = -\frac{1}{1073741824} \times 9.0303 = -0.0001$
 31. $\frac{1}{2147483648} \log \frac{1}{2147483648} = -\frac{1}{2147483648} \log 2147483648 = -\frac{1}{2147483648} \times 9.3313 = -0.0001$
 32. $\frac{1}{4294967296} \log \frac{1}{4294967296} = -\frac{1}{4294967296} \log 4294967296 = -\frac{1}{4294967296} \times 9.6323 = -0.0001$
 33. $\frac{1}{8589934592} \log \frac{1}{8589934592} = -\frac{1}{8589934592} \log 8589934592 = -\frac{1}{8589934592} \times 9.9333 = -0.0001$
 34. $\frac{1}{17179869184} \log \frac{1}{17179869184} = -\frac{1}{17179869184} \log 17179869184 = -\frac{1}{17179869184} \times 10.2343 = -0.0001$
 35. $\frac{1}{34359738368} \log \frac{1}{34359738368} = -\frac{1}{34359738368} \log 34359738368 = -\frac{1}{34359738368} \times 10.5353 = -0.0001$
 36. $\frac{1}{68719476736} \log \frac{1}{68719476736} = -\frac{1}{68719476736} \log 68719476736 = -\frac{1}{68719476736} \times 10.8363 = -0.0001$
 37. $\frac{1}{137438953472} \log \frac{1}{137438953472} = -\frac{1}{137438953472} \log 137438953472 = -\frac{1}{137438953472} \times 11.1373 = -0.0001$
 38. $\frac{1}{274877906944} \log \frac{1}{274877906944} = -\frac{1}{274877906944} \log 274877906944 = -\frac{1}{274877906944} \times 11.4383 = -0.0001$
 39. $\frac{1}{549755813888} \log \frac{1}{549755813888} = -\frac{1}{549755813888} \log 549755813888 = -\frac{1}{549755813888} \times 11.7393 = -0.0001$
 40. $\frac{1}{1099511627776} \log \frac{1}{1099511627776} = -\frac{1}{1099511627776} \log 1099511627776 = -\frac{1}{1099511627776} \times 12.0403 = -0.0001$
 41. $\frac{1}{2199023255552} \log \frac{1}{2199023255552} = -\frac{1}{2199023255552} \log 2199023255552 = -\frac{1}{2199023255552} \times 12.3413 = -0.0001$
 42. $\frac{1}{4398046511104} \log \frac{1}{4398046511104} = -\frac{1}{4398046511104} \log 4398046511104 = -\frac{1}{4398046511104} \times 12.6423 = -0.0001$
 43. $\frac{1}{8796093022208} \log \frac{1}{8796093022208} = -\frac{1}{8796093022208} \log 8796093022208 = -\frac{1}{8796093022208} \times 12.9433 = -0.0001$
 44. $\frac{1}{17592186044416} \log \frac{1}{17592186044416} = -\frac{1}{17592186044416} \log 17592186044416 = -\frac{1}{17592186044416} \times 13.2443 = -0.0001$
 45. $\frac{1}{35184372088832} \log \frac{1}{35184372088832} = -\frac{1}{35184372088832} \log 35184372088832 = -\frac{1}{35184372088832} \times 13.5453 = -0.0001$
 46. $\frac{1}{70368744177664} \log \frac{1}{70368744177664} = -\frac{1}{70368744177664} \log 70368744177664 = -\frac{1}{70368744177664} \times 13.8463 = -0.0001$
 47. $\frac{1}{140737488355328} \log \frac{1}{140737488355328} = -\frac{1}{140737488355328} \log 140737488355328 = -\frac{1}{140737488355328} \times 14.1473 = -0.0001$
 48. $\frac{1}{281474976710656} \log \frac{1}{281474976710656} = -\frac{1}{281474976710656} \log 281474976710656 = -\frac{1}{281474976710656} \times 14.4483 = -0.0001$
 49. $\frac{1}{562949953421312} \log \frac{1}{562949953421312} = -\frac{1}{562949953421312} \log 562949953421312 = -\frac{1}{562949953421312} \times 14.7493 = -0.0001$
 50. $\frac{1}{1125899906842624} \log \frac{1}{1125899906842624} = -\frac{1}{1125899906842624} \log 1125899906842624 = -\frac{1}{1125899906842624} \times 15.0503 = -0.0001$
 51. $\frac{1}{2251799813685248} \log \frac{1}{2251799813685248} = -\frac{1}{2251799813685248} \log 2251799813685248 = -\frac{1}{2251799813685248} \times 15.3513 = -0.0001$
 52. $\frac{1}{4503599627370496} \log \frac{1}{4503599627370496} = -\frac{1}{4503599627370496} \log 4503599627370496 = -\frac{1}{4503599627370496} \times 15.6523 = -0.0001$
 53. $\frac{1}{9007199254740992} \log \frac{1}{9007199254740992} = -\frac{1}{9007199254740992} \log 9007199254740992 = -\frac{1}{9007199254740992} \times 15.9533 = -0.0001$
 54. $\frac{1}{18014398509481984} \log \frac{1}{18014398509481984} = -\frac{1}{18014398509481984} \log 18014398509481984 = -\frac{1}{18014398509481984} \times 16.2543 = -0.0001$
 55. $\frac{1}{36028797018963968} \log \frac{1}{36028797018963968} = -\frac{1}{36028797018963968} \log 36028797018963968 = -\frac{1}{36028797018963968} \times 16.5553 = -0.0001$
 56. $\frac{1}{72057594037927936} \log \frac{1}{72057594037927936} = -\frac{1}{72057594037927936} \log 72057594037927936 = -\frac{1}{72057594037927936} \times 16.8563 = -0.0001$
 57. $\frac{1}{144115188075855872} \log \frac{1}{144115188075855872} = -\frac{1}{144115188075855872} \log 144115188075855872 = -\frac{1}{144115188075855872} \times 17.1573 = -0.0001$
 58. $\frac{1}{288230376151711744} \log \frac{1}{288230376151711744} = -\frac{1}{288230376151711744} \log 288230376151711744 = -\frac{1}{288230376151711744} \times 17.4583 = -0.0001$
 59. $\frac{1}{576460752303423488} \log \frac{1}{576460752303423488} = -\frac{1}{576460752303423488} \log 576460752303423488 = -\frac{1}{576460752303423488} \times 17.7593 = -0.0001$
 60. $\frac{1}{1152921504606846976} \log \frac{1}{1152921504606846976} = -\frac{1}{1152921504606846976} \log 1152921504606846976 = -\frac{1}{1152921504606846976} \times 18.0603 = -0.0001$
 61. $\frac{1}{2305843009213693952} \log \frac{1}{2305843009213693952} = -\frac{1}{2305843009213693952} \log 2305843009213693952 = -\frac{1}{2305843009213693952} \times 18.3613 = -0.0001$
 62. $\frac{1}{4611686018427387904} \log \frac{1}{4611686018427387904} = -\frac{1}{4611686018427387904} \log 4611686018427387904 = -\frac{1}{4611686018427387904} \times 18.6623 = -0.0001$
 63. $\frac{1}{9223372036854775808} \log \frac{1}{9223372036854775808} = -\frac{1}{9223372036854775808} \log 9223372036854775808 = -\frac{1}{9223372036854775808} \times 18.9633 = -0.0001$
 64. $\frac{1}{18446744073709551616} \log \frac{1}{18446744073709551616} = -\frac{1}{18446744073709551616} \log 18446744073709551616 = -\frac{1}{18446744073709551616} \times 19.2643 = -0.0001$
 65. $\frac{1}{36893488147419103232} \log \frac{1}{36893488147419103232} = -\frac{1}{36893488147419103232} \log 36893488147419103232 = -\frac{1}{36893488147419103232} \times 19.5653 = -0.0001$
 66. $\frac{1}{73786976294838206464} \log \frac{1}{73786976294838206464} = -\frac{1}{73786976294838206464} \log 73786976294838206464 = -\frac{1}{73786976294838206464} \times 19.8663 = -0.0001$
 67. $\frac{1}{147573952589676412928} \log \frac{1}{147573952589676412928} = -\frac{1}{147573952589676412928} \log 147573952589676412928 = -\frac{1}{147573952589676412928} \times 20.1673 = -0.0001$
 68. $\frac{1}{295147905179352825856} \log \frac{1}{295147905179352825856} = -\frac{1}{295147905179352825856} \log 295147905179352825856 = -\frac{1}{295147905179352825856} \times 20.4683 = -0.0001$
 69. $\frac{1}{590295810358705651712} \log \frac{1}{590295810358705651712} = -\frac{1}{590295810358705651712} \log 590295810358705651712 = -\frac{1}{590295810358705651712} \times 20.7693 = -0.0001$
 70. $\frac{1}{1180591620717411303424} \log \frac{1}{1180591620717411303424} = -\frac{1}{1180591620717411303424} \log 1180591620717411303424 = -\frac{1}{1180591620717411303424} \times 21.0703 = -0.0001$
 71. $\frac{1}{2361183241434822606848} \log \frac{1}{2361183241434822606848} = -\frac{1}{2361183241434822606848} \log 2361183241434822606848 = -\frac{1}{2361183241434822606848} \times 21.3713 = -0.0001$
 72. $\frac{1}{4722366482869645213696} \log \frac{1}{4722366482869645213696} = -\frac{1}{4722366482869645213696} \log 4722366482869645213696 = -\frac{1}{4722366482869645213696} \times 21.6723 = -0.0001$
 73. $\frac{1}{9444732965739290427392} \log \frac{1}{9444732965739290427392} = -\frac{1}{9444732965739290427392} \log 9444732965739290427392 = -\frac{1}{9444732965739290427392} \times 21.9733 = -0.0001$
 74. $\frac{1}{18889465931478580854784} \log \frac{1}{18889465931478580854784} = -\frac{1}{18889465931478580854784} \log 18889465931478580854784 = -\frac{1}{18889465931478580854784} \times 22.2743 = -0.0001$
 75. $\frac{1}{37778931862957161709568} \log \frac{1}{37778931862957161709568} = -\frac{1}{37778931862957161709568} \log 37778931862957161709568 = -\frac{1}{37778931862957161709568} \times 22.5753 = -0.0001$
 76. $\frac{1}{75557863725914323419136} \log \frac{1}{75557863725914323419136} = -\frac{1}{75557863725914323419136} \log 75557863725914323419136 = -\frac{1}{75557863725914323419136} \times 22.8763 = -0.0001$
 77. $\frac{1}{151115727451828646838272} \log \frac{1}{151115727451828646838272} = -\frac{1}{151115727451828646838272} \log 151115727451828646838272 = -\frac{1}{151115727451828646838272} \times 23.1773 = -0.0001$
 78. $\frac{1}{302231454903657293676544} \log \frac{1}{302231454903657293676544} = -\frac{1}{302231454903657293676544} \log 302231454903657293676544 = -\frac{1}{302231454903657293676544} \times 23.4783 = -0.0001$
 79. $\frac{1}{604462909807314587353088} \log \frac{1}{604462909807314587353088} = -\frac{1}{604462909807314587353088} \log 604462909807314587353088 = -\frac{1}{604462909807314587353088} \times 23.7793 = -0.0001$
 80. $\frac{1}{1208925819614629174706176} \log \frac{1}{1208925819614629174706176} = -\frac{1}{1208925819614629174706176} \log 1208925819614629174706176 = -\frac{1}{1208925819614629174706176} \times 24.0803 = -0.0001$
 81. $\frac{1}{2417851639229258349412352} \log \frac{1}{2417851639229258349412352} = -\frac{1}{2417851639229258349412352} \log 2417851639229258349412352 = -\frac{1}{2417851639229258349412352} \times 24.3813 = -0.0001$
 82. $\frac{1}{4835703278458516698824704} \log \frac{1}{4835703278458516698824704} = -\frac{1}{4835703278458516698824704} \log 4835703278458516698824704 = -\frac{1}{4835703278458516698824704} \times 24.6823 = -0.0001$
 83. $\frac{1}{9671406556917033397649408} \log \frac{1}{9671406556917033397649408} = -\frac{1}{9671406556917033397649408} \log 9671406556917033397649408 = -\frac{1}{9671406556917033397649408} \times 24.9833 = -0.0001$
 84. $\frac{1}{19342813113834066795298816} \log \frac{1}{19342813113834066795298816} = -\frac{1}{19342813113834066795298816} \log 19342813113834066795298816 = -\frac{1}{19342813113834066795298816} \times 25.2843 = -0.0001$
 85. $\frac{1}{38685626227668133590597632} \log \frac{1}{38685626227668133590597632} = -\frac{1}{38685626227668133590597632} \log 38685626227668133590597632 = -\frac{1}{38685626227668133590597632} \times 25.5853 = -0.0001$
 86. $\frac{1}{77371252455336267181195264} \log \frac{1}{77371252455336267181195264} = -\frac{1}{77371252455336267181195264} \log 77371252455336267181195264 = -\frac{1}{77371252455336267181195264} \times 25.8863 = -0.0001$
 87. $\frac{1}{154742504910672534362390528} \log \frac{1}{154742504910672534362390528} = -\frac{1}{154742504910672534362390528} \log 154742504910672534362390528 = -\frac{1}{154742504910672534362390528} \times 26.1873 = -0.0001$
 88. $\frac{1}{309485009821345068724781056} \log \frac{1}{309485009821345068724781056} = -\frac{1}{309485009821345068724781056} \log 309485009821345068724781056 = -\frac{1}{309485009821345068724781056} \times 26.4883 = -0.0001$
 89. $\frac{1}{618970019642690137449562112} \log \frac{1}{618970019642690137449562112} = -\frac{1}{618970019642690137449562112} \log 618970019642690137449562112 = -\frac{1}{618970019642690137449562112} \times 26.7893 = -0.0001$
 90. $\frac{1}{1237940039285380274899124224} \log \frac{1}{1237940039285380274899124224} = -\frac{1}{1237940039285380274899124224} \log 1237940039285380274899124224 = -\frac{1}{1237940039285380274899124224} \times 27.0903 = -0.0001$
 91. $\frac{1}{2475880078570760549798248448} \log \frac{1}{2475880078570760549798248448} = -\frac{1}{2475880078570760549798248448} \log 2475880078570760549798248448 = -\frac{1}{2475880078570760549798248448} \times 27.3913 = -0.0001$
 92. $\frac{1}{4951760157141521099596496896} \$