## (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

| Land Office | Santa Fe  |
|-------------|-----------|
| Lease No    | SF 080715 |
| Unit        |           |

| NOTICE OF INTENTION TO CHANGE PLANS  | NOTICE O  | F INTENTION TO DRILL  |  | SUBSEQUENT S  | FROOT OF WATER  |   |  |
|--|---|---|--|---|---|---|--|
| NOTICE OF INTENTION TO SEADUL OR REPAIR WELL  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  Subsculent Report of Abandonment.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  Subsculent Report of A TERRING CASING.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR OTHER DATA  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, MORE, OR | NOTICE O  | F INTENTION TO CHANGE PLANS   |  | SUBSEQUENT R  | FPORT OF WATER SHO  | JT-0FF  |  |
| MOTICE OF INTENTION TO SHOOT OR ACIDIZE.  MOTICE OF INTENTION TO PULL OR ALFR CASING.  MOTICE OF INTENTION TO PULL OR ALFR CASING.  MOTICE OF INTENTION TO ABANDON WELL  MIDICATE ABOVE BY CHECK MARK HATURE OF REPORT, MOTICE, OR OTHER DATA)  Sunico-Federal  Well No. 1 is located 1850 ft. from.  MAY Section 30 24 North 1 West NMPM  Green in Sec. No.)  Crep) (Range)  Outh Blanco, Pictured Cliffs, Rio Arriba  DETAILS OF WORK  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  DETAILS OF WORK  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  DETAILS OF WORK  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  DETAILS OF WORK  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  DETAILS OF WORK  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; show sizes, weights, and insights of proposed work)  Mate names of and especied depths to objective sands; s | NOTICE O  | F INTENTION TO TEST WATER SHUT-OFF  |  | SUBSEQUENT R  | EPORT OF SHOOTING   | OR ACIDIZING  |  |
| MOTICE OF INTENTION TO PULL OR ALEER CASING.  MOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  Sunico-Federal  Well No. 1 is located 1850 ft. from Sylvine and 790 ft. from Well line of sec. 30  M/4 Section 30 24 North 1 West NATH  Outh Branco, Pictured Cliffs, Alio Arriba (Meridian)  New Mexico  (Piekl)  The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  Inspect well spudded May 13, 1961. 8 5/8" casing set at 1, cemente W/50 sacks. 10 Jake 11 Jake 12 Jake 12 Jake 12 Jake 13 Jake 13 Jake 14 Jake 12 Jake 14 Jake  | NOTICE OF   | F INTENTION TO RE-DRILL OR REPAIR WELL  |  | SUBSEQUENT R  | EPORT OF RE-DRILLIN   | G OF BEDAID   |  |
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| Sunico-Federal  Sunico-Federal  Well No. 1 is located 1850 ft. from Since and 790 ft. from William of sec. 30  M/4 Section 30 24 North 1 West North  Outh Blanco, Pictured Cliffs, Rio Arriba New Mexico  (New) (New) (County or Subdivision)  The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  Blate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  Mate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  Mate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  Mate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  Mate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  Mate names of and expected depths to objective sends, show sizes, weights, and lengths of proposed work)  DETAILS OF WORK  NOV 1 1962  DETAILS OF WORK  N | NOTICE OF   | INTENTION TO ADMINISTRATE CASING  |  |   |   |   |  |
| Sunico-Federal  Well No. 1 is located 1850 ft. from   Nine and 190 ft.   |   | TO ABANDON WELL   | ·- <b></b>   |   | •   |   |  |
| Sunico-Federal  Well No. 1 is located 1850 ft. from   Next   Next |   |   | <u>ll</u>  | II  |   |   |  |
| Well No. 1 is located 1850 ft. from Siline and 790 ft. from Willine of sec. 30 wi/4 Section 30 24 North 1 West NOTM (Meridian)  Outh Blanco, Pictured Cliffs, Rio Arriba (County or Subdivision)  The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weight, and lengths of proposed cashings indicate manufacture in proposed sock).  O 3461'. Top of Pictured Cliffs, 3386'. 4 1/2' - 9.5% casing set at 3475', cemented w/50 sacks. Discrete depths are subject well spudded May 13, 1961. 8 5/8" casing set at 3475', cemented w/75 sacks. Electric log tops, Kirtland, 3200'; Fruitland, 3335'. Well spresently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 sho per foot. Fraced 5/6/62 with 30,000% 20-40 mesh sand, 40,000 gallons water. Bread and 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. The surplement of the control of the |   |   |  |   |   |   |  |
| Well No. 1 is located 1850 ft. from Siline and 790 ft. from Willine of sec. 30 wi/4 Section 30 24 North 1 West NOTM (Meridian)  Outh Blanco, Pictured Cliffs, Rio Arriba (County or Subdivision)  The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weight, and lengths of proposed cashings indicate manufacture in proposed sock).  O 3461'. Top of Pictured Cliffs, 3386'. 4 1/2' - 9.5% casing set at 3475', cemented w/50 sacks. Discrete depths are subject well spudded May 13, 1961. 8 5/8" casing set at 3475', cemented w/75 sacks. Electric log tops, Kirtland, 3200'; Fruitland, 3335'. Well spresently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 sho per foot. Fraced 5/6/62 with 30,000% 20-40 mesh sand, 40,000 gallons water. Bread and 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. The surplement of the control of the |   | Sunico-Federal  |  |   | October 29  | )   | <b>19</b> 62   |
| (Wise, and See, No.)  (Wise, and See, No.)  (Twp.)  (Range)  (Other B. anno, Pictured Cliffs, Rio Arriba  (County or Subdivision)  (County or Subdivision)  (The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  (State names of and expected depths to objective sands; show aisse, veights, and lengths of proposed work)  (In points, and all other important  | Well No.  | 1 is located 1850 to t  |  |   |   |   |  |
| (Wise, and See, No.)  (Wise, and See, No.)  (Twp.)  (Range)  (Other B. anno, Pictured Cliffs, Rio Arriba  (County or Subdivision)  (County or Subdivision)  (The elevation of the derrick floor above sea level is 7607 ft.  DETAILS OF WORK  (State names of and expected depths to objective sands; show aisse, veights, and lengths of proposed work)  (In points, and all other important  | 2 - 11 - 2  | is located rt. fr   | $rom_{-}$ $S$  | line and _  | 790ft.from  | W line of se  | <b>c.</b> 30   |
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| DETAILS OF WORK  DETAILS OF WORK  State names of and expected depths to objective sanda; show sizes, weights, and lengths of proposed coalings; indicate names, indicate names | South Bl.   | anco Pictured Cliffe  | (Range   | 8)  | (Meridian)  |   |  |
| DETAILS OF WORK  DETAILS OF WORK  State names of and expected depths to objective sanda; show sizes, weights, and lengths of proposed coalings; indicate names, indicate names |   | (Field) (Com  | K10<br>nty or Subd   | Arriba<br>livision)   | N   | w Mexico  |  |
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| Denver, Colorado  By  Classing set and expected depths to objective sands; show aixes, weights, and lengths of proposed casings; indicate mental interpolation proposed work)  (1) 10 10 11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15   |   | DET   | 'AILS (  | OF WORK   | 1 4 pc .  | 4000  | 1  |
| ubject well spudded May 13, 1961. 8 5/8" casing set at 3', cemented w/50 sacks. 2 3481'. Top of Pictured Cliffs, 3386'. 4 1/2" - 9.5# casing set at 3475', emented w/75 sacks. Electric log tops, Kirtland, 3200'; Fruitland, 3335'. Well spresently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 sho er foot. Fraced 5/6/62 with 30,000# 20-40 mesh sand, 40,600 gallons water. Bread on 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Denver, Colorado  By Alchard S. Hunt   | State names o   | of and expected depths to objective sands; show   | sizes, well  | shte and langets  | . L NOV   | 1 1905  | }  |
| ubject well spudded May 13, 1961. 8 5/8" casing set at 5', cemented w/50 sacks. 3481'. Top of Pictured Cliffs, 3386'. 4 1/2" - 9.5# casing set at 3475', emented w/75 sacks. Electric log tops, Kirtland, 3200'; Fruitland, 3335'. well spresently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. well perforated 3389-3401, 4 sho er foot. Fraced 5/6/62 with 30,000# 20-40 mesh sand, 40,000 gallons water. Breaton pressure 1300 PSI, Treatment pressure 2000 PSI. Injection rate 37.6 BPM. In tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back pressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Denver, Colorado  By  |   | ing points, and a   | all other in   | portant propose   | or proposed casings; i  | ndicate muddad i  | obs, cement-   |
| emented w/75 sacks. Electric log tops, Kirtland, 3200'; Fruitland, 3335'. Well spresently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 shows resource 5/6/62 with 30,000% 20-40 mesh sand, 40,000 gallons water. Breat and 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 3000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  By   |   |   |  |   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | J *   |  |
| s presently awaiting completion rig. Subject well squeezed w/100 sacks cement 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 shows a sand of the same of the  | ubject v  | vell spudded May 13 1961  | 0 = 16   | 01:   |   | N ST. 3 /   |  |
| 362-92 on 5/3/62. Cement drilled out to 3455'. Well perforated 3389-3401, 4 shower foot. Fraced 5/6/62 with 30,000% 20-40 mesh sand, 40,000 gallons water. Bread on pressure 1300 PSI, Treatment pressure 2000 PSI. Injection rate 37.6 BPM. In 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 3000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Tunderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of the plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of the plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  The plan of the plan of work must receive approval in writing by the Geological Survey before operations.   | ubject v<br>D 3481'.  | well spudded May 13, 1961. Top of Pictured Chiffs   | 8 5/8<br>3386!   | Stasing   | set at ot',   | or 3T. 3 📝  | /50 sacks.   |
| per foot. Fraced 5/6/62 with 30,000 20-40 mesh sand, 40,000 gallons water. Bread on pressure 1300 PSI, Treatment pressure 2000 PSI. Injection rate 37.6 BPM. In 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  By Alchard S. Hunt  | emented   | w/75 sacks. Electric log  | 3386'.   | 4 1/2"  | - 9.5# casta  | cemented w  | 475' <b>,</b>  |
| Down pressure 1300 PSI, Treatment pressure 2000 PSI. Injection rate 37.6 BPM.  an 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 2000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  By   | emented<br>s preser   | w/75 sacks. Electric logatly awaiting completion ri   | 3386',<br>tops,  | Kirtland,   | - 9.5# casin<br>3200'; Frui   | cemented w<br>8 set at 30<br>tland, 333   | 475',<br>5'. Well  |
| an 1 tubing at 3380'. Cleaning well up to run Back Pressure Test. 3 Hour back ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 3000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Suppany  E. L. FUNDINGSLAND  dress  1402 Denver U.S. National Center  E. L. Fundingsland  Denver, Colorado  By  Elchard S. Hunt  | emented<br>s presen<br>362-92 c   | w/75 sacks. Electric log<br>atly awaiting completion ri<br>on 5/3/62. Cement drilled  | tops,  | . 4 1/2<br>Kirtland,<br>bject wel   | - 9.5# casta<br>3200'; Frui<br>1 squeezed w   | cemented w<br>s set at 30<br>tland, 333<br>/100 sacks   | 475',<br>5'. Well<br>cement  |
| ressure test run 6/28/62, tested 527 MCF/D. Subject well to be acidized w/approx 000 gallons acid. Cleaned up, and retested.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations.   | emented<br>s presen<br>362-92 c<br>er foot.                               | w/75 sacks. Electric logartly awaiting completion rion 5/3/62. Cement drilled Fraced 5/6/62 with 30 00  | 3386'.<br>tops,<br>.g. 3u<br>out to                        | Kirtland, abject well 3455'.  | - 9.5# casta<br>3200'; Frui<br>1 squeezed w<br>Well perfora   | cemented w<br>s so at 30<br>tland, 333<br>/100 sacks<br>ted 3389-34   | 475',<br>5'. Well<br>cement<br>401, 4 sho                                |
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