

## SAMPLE DESCRIPTION

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DESCR. BY R.C.N.

DATE 2/20/47

~~VALLANT PRINTING CO., ALBUQUERQUE 31310~~

| COMPANY             |     |       |       |      | WELL NO.      | LEASE                                                                                             |           | COUNTY |                                                                               |        |                                                                  | STATE                                                                                                            |          |        |           |       |                                  |   |       |
|---------------------|-----|-------|-------|------|---------------|---------------------------------------------------------------------------------------------------|-----------|--------|-------------------------------------------------------------------------------|--------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------|--------|-----------|-------|----------------------------------|---|-------|
| COLGROVE AND BINKER |     |       |       |      | 1             | STATE                                                                                             |           | GRANT  |                                                                               |        |                                                                  | N.M.                                                                                                             |          |        |           |       |                                  |   |       |
| DEPTH               |     | ANNY. | POLY. | SALT | NON-RED SHALE |                                                                                                   | RED SHALE |        | SANDSTONE                                                                     |        | GRANITE                                                          |                                                                                                                  | DOLOMITE |        | LIMESTONE |       | MISCELLANEOUS                    |   |       |
| FROM                | TO  |       |       |      | %             | DESCR.                                                                                            | %         | DESCR. | %                                                                             | DESCR. | %                                                                | DESCR.                                                                                                           | %        | DESCR. | %         | COLOR |                                  | % | COLOR |
| 195                 | 400 |       |       |      |               |                                                                                                   |           |        |                                                                               |        | 100                                                              | PALE PINK ARGILLITE POROUS - PHOSPHORESCENT IN LIGHT. + FEW FLAKES BRONZE MICA AND HEMATITE IN PALE PINK MATRIX. |          |        |           |       |                                  |   |       |
|                     | 05  |       |       |      |               |                                                                                                   |           |        |                                                                               |        | 100                                                              | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 10  |       |       |      |               |                                                                                                   |           |        |                                                                               |        | 100                                                              | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 15  |       |       |      |               |                                                                                                   |           |        |                                                                               |        | 100                                                              | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 20  |       |       |      |               |                                                                                                   |           |        |                                                                               |        | 100                                                              | APPEARS WEATHERED - WEATHERED AS ABOVE                                                                           |          |        |           |       |                                  |   |       |
|                     | 25  |       |       |      | 100           | LT. GREEN SOY. CONGLOMERATE CLAY - CONTAINS FINE QUARTZITE GRIT. GREENISH AND REDDISH BROWN ROCK. |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 30  |       |       |      | 90            | LIGHT GRAY, SILTY CLAY                                                                            |           | 10     | GRAVEL - COARSE QTZ. GRAINS AND PEBBLES OF IG. MATERIAL                       |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 35  |       |       |      | 90            | -                                                                                                 |           | 10     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 40  |       |       |      | 100           | DR. GREEN, SOY. CONGLOMERATE CLAY                                                                 |           |        | CONTAINING QTZ. GRAINS AND RED AND PURPLE IG. ROCK.                           |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 45  |       |       |      | 70            | -                                                                                                 |           | 30     | GRAVEL - COARSE QTZ. GRAINS AND PEBBLES OF IG. MATERIAL. WELL RD. TO SUB. RD. |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 50  |       |       |      | 50            | LT. GREEN, SOY. CONGLOMERATE                                                                      |           | 50     | -                                                                             |        | FINE, RED, PURPLE IG. ROCK PEBBLES - WELL RD. TO SUB. RD. GRAVEL |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 55  |       |       |      | 20            | -                                                                                                 |           | 80     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     | MED. COARSE                      |   |       |
|                     | 65  |       |       |      | 90            | LT. GREEN, SOY. CONGLOMERATE CLAY - QTZ. GRAINS AND IG. ROCK PEBBLES                              |           | 10     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 70  |       |       |      | 75            | DR. GREEN, SOY. CONGLOMERATE CLAY                                                                 |           | 25     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     | MED. COARSE WELL RD. TO SUB. RD. |   |       |
|                     | 75  |       |       |      | 90            | -                                                                                                 |           | 10     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     |                                  |   |       |
|                     | 80  |       |       |      | 70            | -                                                                                                 |           | 30     | -                                                                             |        | -                                                                | -                                                                                                                | -        | -      | -         | -     | COARSE, N. & RD. TO SUB. RD.     |   |       |
|                     | 85  |       |       |      | 100           | DR. GREEN, SOY. CLAY                                                                              |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 90  |       |       |      | 100           | DR. GREEN, SOY. CONGLOMERATE CLAY                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 95  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 500 |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 05  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 10  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 15  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 20  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 25  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 30  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 35  |       |       |      | 100           | DR. GREEN SOY.                                                                                    |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 40  |       |       |      | 80            | -                                                                                                 |           | 20     | COARSE, LOOSE PEBBLES QTZ. IG. MATERIAL WELL RD. TO SUB. RD.                  |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 45  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 50  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 55  |       |       |      | 100           | DR. GREEN, SOY. & CONGLOMERATE CLAY                                                               |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 60  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 65  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 70  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 75  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 80  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |
|                     | 85  |       |       |      | 100           | -                                                                                                 |           |        |                                                                               |        |                                                                  |                                                                                                                  |          |        |           |       |                                  |   |       |