

SHELL PETRO. CORP.  
Mary Whipple No. 3.

SEC.15 T.26 R.9W  
SW NW NE  
1002' fr NL 330' fr WL NE $\frac{1}{4}$

Total Depth. 4144'  
Comm. 11-15-36 Comp. 12-16-36  
Shot or Treated. 2000 Gals. 4136-44  
Contractor. Olson Drlg. Co.  
Issued. 1-16-37

County. Reno

GASING:

13" 320'  
7" 4136'



Elevation.

Production. Pot. 5014 B.

Figures Indicate Bottom of Formations.

|                            |           |                                      |              |                           |                    |
|----------------------------|-----------|--------------------------------------|--------------|---------------------------|--------------------|
| surface                    | 55        | lime hrd                             | 3453         | shale grey green          | 4136               |
| sand & clay                | 112       | lime hrd few sft streaks             |              | grading to dull brown     |                    |
| red sand rock              | 144       | stained with oil, small              |              | chert grey & conglomerate |                    |
| red sand rock              | 212       | chert streaks                        | 3463         | of dolomite pebbles       |                    |
| anhydrite & shale          | 253       | Porous zone                          | 3463-3474    | tightly cemented in shale |                    |
| red sand rock              | 288       | soft weathered and oil               |              | & dolomite                | 4136 $\frac{1}{2}$ |
| red rock                   | 320       | stained at top, good                 |              | Core No. 2 4135-37 Rec 2' |                    |
| shale                      | 512       | porosity but little                  |              | dark brown pyritic shale  |                    |
| red bed                    | 625       | stained near bottom                  |              | 6" conglomerate and chert |                    |
| shale                      | 880       | (from samples)                       |              | 6" dolomite tight         |                    |
| salt, shale & shells       | 926       | lime sft weathered oil               |              | dolomite                  | 4144               |
| shale                      | 1170      | stained at top, good                 |              | Total Depth.              |                    |
| shale & lime               | 1230      | porosity near bottom                 |              |                           |                    |
| lime hrd                   | 1250      | but little oil stained               |              |                           |                    |
| lime & shale               | 1470      |                                      | 3474         |                           |                    |
| shale                      | 1521      | lime hrd small sft                   |              |                           |                    |
| lime hrd                   | 1536      | streaks showing oil &                |              |                           |                    |
| lime & shale               | 2422      | porosity                             | 3503         |                           |                    |
| lime                       | 2478      | lime mod hrd                         | 3507         |                           |                    |
| brkn lime                  | 2547      | showing porosity & oil               |              |                           |                    |
| lime                       | 2590      | stained                              |              |                           |                    |
| shale & lime shells        | 2615      | lime sft, parts extremely            |              |                           |                    |
| lime & shale               | 2732      | sft & extremely porous,              |              |                           |                    |
| shale                      | 2768      | oil stained                          | 3514         |                           |                    |
| lime                       | 2778      | Porous zone                          | 3507-3514,   |                           |                    |
| shale                      | 2795      | lime hrd                             | 3524         |                           |                    |
| lime                       | 2852      | lime mod hrd                         | 3532         |                           |                    |
| lime & shale               | 2871      | lime sft oil stained                 | 3535         |                           |                    |
| S.L.C. 2871-2878           |           | lime hrd grey dnse                   | 3558         |                           |                    |
| lime & shale               | 2988      | lime hrd few sft                     |              |                           |                    |
| lime                       | 3129      | streaks                              | 3572         |                           |                    |
| shale                      | 3147      | lime sft light grey                  |              |                           |                    |
| lime                       | 3214      | weathered slight                     |              |                           |                    |
| Sample log 3214-3586       |           | stain of oil                         | 3578         |                           |                    |
| shale with lime            |           | Soft zone                            | 3572-3578    |                           |                    |
| streaks                    | 3241      | lime med hrd                         | 3586         |                           |                    |
| shale grey                 | 3343      | lime hrd                             | 3715         |                           |                    |
| lime light grey            |           | lime & shale                         | 3820         |                           |                    |
| dense                      | 3360      | shale grey                           | 3860         |                           |                    |
| lime hrd dense             | 3370      | Sample log 3820-4137                 |              |                           |                    |
| oil stained                |           | shale greenish grey &                |              |                           |                    |
| lime hrd dense lgt         |           | brown                                | 3870         |                           |                    |
| grey                       | 3388      | chert white consider-                |              |                           |                    |
| lime sft good porosity     |           | ably weathered, showing              |              |                           |                    |
| and oil stained            | 3396      | good porosity                        | 3870-85 3915 |                           |                    |
| porous zone                | 3388-3396 | lime grey dense to                   |              |                           |                    |
| soft oil stained samples   |           | crystalline                          | 3955         |                           |                    |
| and good porosity.         |           | shale grey                           | 4070         |                           |                    |
| lime hrd light             |           | lime grey dense hrd                  |              |                           |                    |
| greyish brown              | 3409      | shaly                                | 4110         |                           |                    |
| lime med hrd some porosity |           | shale grey to grey                   |              |                           |                    |
| oil stained                | 3412      | green                                | 4129         |                           |                    |
| lime hrd light grey        | 3436      | Core No. 1 4127-4135.                |              |                           |                    |
| lime med sft dense some    |           | Rec 6 $\frac{1}{2}$ ', 2' grey green |              |                           |                    |
| porosity, parts oil        |           | shale; 4 $\frac{1}{2}$ ' brown dense |              |                           |                    |
| stained                    | 3440      | hrd lithographic lime                |              |                           |                    |
|                            |           | lime brown dense hrd                 | 4134         |                           |                    |