22

JAN 2 196° OIL C

Form approved. Budget Bureau No. 42–R355.4.

U. S. LAND OFFICE ......

SERIAL NUMBER .....

LEASE OR PERMIT TO PROSPECT .....

Navajo Tribal 14-20-603-5012

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

| ompa  |                           |   |  |  |   | 4040  | 4ml - 44 4                                      |                               | A1 L                                | 1140                   |  |
|---|---------------------------|---|--|--|---|---|---|-------------------------------|-------------------------------------|------------------------|--|
|   | ny                        | Curtis<br>TP Co   | J. Little<br>mi & Oil-<br>ny 22 Navej          |  | Addres  | 1_Cae 8<br>114  | waxa.y.<br>icat                                 | State                         | alriki<br>Ku <b>ak</b>              | parizant               |  |
| essor<br>Vell N   | or rect                   | <del>Murph</del><br>Sec 3   | i <del>y 22 Navaj</del><br>2 T. 32 <b>n</b> R. | Meridi   | ian   | <b>MP</b>   | Cou   | nty                           | San Ju                              |                        |  |
| осятіс<br>ст ту   | on <b>740</b>             | ft $N.$ of  | N Line and                                     | d Sloft.   | 0. of _ <b>g</b>  | Line of   | Sec   | -22                           | Eleva                               | tion <b>5926</b>       |  |
| Tł  | ne informa                | tion given  | n herewith is                                  | a complete   | and correc  |   |   |                               |                                     |                        |  |
| o far s   | as can be                 | determined  | d from all ava                                 | ailable recor  | ds.<br>edC  | Ž   | Sting   | 9 133                         | Me                                  |                        |  |
| Date  | Dec                       | <b>. 26,</b> 19   | 62   |  |   | Т   | itle  | Operat                        | tor                                 |                        |  |
| $\mathbf{T}$  | ne summa                  | ry on this  | page is for th                                 |  |   |   |   |                               |                                     |                        |  |
| Comm  | enced drill               | ing   | L Nov. 28                                      |  |   |   |   | e4                            |                                     | , 19 <b>62</b>         |  |
|   |                           |   | OIL  | OR GAS   | SANDS Cote gas by G)  |   | ES  |                               |                                     |                        |  |
| No. 1,  | from                      | NOHE  | to   | •  |   |   |   | to                            | )                                   |                        |  |
|   |                           |   | to   |  |   |   |   |                               |                                     |                        |  |
| No. 3,  | from                      |   | to   |  |   |   |   | to                            |                                     |                        |  |
| NT  | £                         |   |  | MPORTAN'   |   |   |   | <b>.</b> -                    |                                     |                        |  |
| No. 1,  | from                      |   | <u>. 196 to 2168</u>                           | <del>7 3 - 17 1</del><br>103 <b>1</b> 6 - 13 1   | er innala   | Strom: O  | 10 (10)   |                               | <del>। कार्यक्</del><br>(कार्यक्रिय | n <b>e</b> d -         |  |
| CCCCC   |                           | i gar eb  | ल्या १७५ हेल ह                                 | TY LOCK  | IG RECO   | Parameter<br>Parameter  | - 3'\s'   | . 9016 C                      | ASL CY                              | e Gallar               |  |
| Size  | Weight                    | Threads pe  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1          | 1000   | Kind of shoe  |   | oulled from                                     | Perfo                         | ated                                | Purpose                |  |
| casing  | per foot                  |   | 1  |  |   | I   |   | From-                         | To—                                 |                        |  |
| rain ibo  | reasons to                | r the work :<br>filipida mai  | and his results.                               | II the   | APPESITOR   | niade in<br>been dir  | the casur<br>amited, gr                         | Ne geto ella<br>Riosci (BIII) | * 520 (1 s                          | onw Succession         |  |
| 14 1  | e of the grea             | អទន[ៀមកេយ[(រ  | arv to have a c                                | omulate Siethr   | wef the well  | Oloser.   | data ta Bai                                     | oli tha dan                   | 2 A8 24 (18)                        | Tind todo; her         |  |
|   |                           |   |  | - بر ف قمه - به بر برچه بروسی<br>  |   |   |   | - 1.00                        | * 3, * 5                            | 1 (64) H1 (42) C + 122 |  |
|   | <u> </u>                  |   | MIIM   | ING AND  | CEMENT  | ING RF  | CORD  |                               |                                     | -                      |  |
| Size  | Where se                  | at NJ-  | umber sacks of cen                             |  | Method used   |   | d gravity                                       | A-                            | nount of n                          | nud used               |  |
| casing /8 <sup>11</sup>   | 33                        |   |  |  |   |   |   | -                             |                                     |                        |  |
|   |                           |   | 8  |  |   |   |   | -                             |                                     |                        |  |
|   |                           |   |  |  |   |   |   |                               |                                     |                        |  |
|   |                           | T414.   |  | PLUGS A  | ND ADAF   | TERS  |   |                               |                                     | -                      |  |
|   | ,                         |   |  |  | -   |   |   |                               |                                     |                        |  |
| Adapte  | ers—Mate                  | rial  | · · · · · · · · · · · · · · · · · · ·          |  | ze<br>ING REC   |   |   |                               |                                     |                        |  |
| Size  | Sh                        | Shell used Explos   |  | 1  |   | Date  | Depth shot                                      |                               | Depth cleaned out                   |                        |  |
|   |                           |   | !  |  |   |   |   |                               |                                     |                        |  |
|   |                           |   | <u> </u>                                       |  |   |   | -*  |                               | ·                                   |                        |  |
|   |                           |   |  |  | LS USED   |   |   | 1                             |                                     |                        |  |
|   |                           |   | om   |  |   |   |   |                               |                                     |                        |  |
| Cable t   | tools were                | used from   |  |  | DATES   | feet, an  | d from  |                               | feet to                             | feet                   |  |
|   |                           |   | , 19   |  |   | produci   | ng  |                               | y                                   | , 19 <b>52</b>         |  |
|   |                           |   | ne first 24 hou                                |  |   |   |   |                               |                                     |                        |  |
| $\mathrm{T}$  | ne produc                 |   | . ~  | liment   | i   | $G_{\mathbf{r}}$  | avity, °B                                       | é                             |                                     |                        |  |
|   |                           | water; ar   | nd % sec                                       | imono.   |   | GI  |   |                               |                                     |                        |  |
| emulsio<br>If   | on;%                      | cu. ft. per   | 24 hours                                       |  |   |   | per 1,00  |                               |                                     |                        |  |
| emulsio<br>If   | on;%                      | cu. ft. per   | İ  |  | -   | gasoline  | per 1,00  |                               |                                     |                        |  |
| emulsio<br>If<br>Ro   | on;% gas well, ock pressu | cu. ft. per<br>re, lbs. pe  | 24 hourser sq. in.                             | EMI  |   | gasoline  |   | 0 cu. ft.                     | of gas                              |                        |  |
| emulsio<br>If<br>Ro   | gas well, ock pressu      | cu. ft. per<br>ire, lbs. pe   | 24 hours                                       | EMI<br>Driller   | -   | gasoline  |   | 0 cu. ft.                     | of gas                              |                        |  |
| emulsio<br>If<br>Ro   | gas well, ock pressu      | cu. ft. per<br>ire, lbs. pe   | 24 hourser sq. in                              | <b>EM</b> I<br>Driller<br>Driller  | -   | gasoline  |   | 0 cu. ft.                     | of gas                              | , Driller              |  |
| emulsio<br>If<br>Ro   | gas well, ock pressu      | cu. ft. per<br>ire, lbs. pe   | 24 hours                                       | <b>EM</b> I<br>Driller<br>Driller  | PLOYEES   | gasoline  |   | 0 cu. ft.                     | of gas                              | , Driller              |  |
| emulsio If Ro   | gas well, ock pressu      | cu. ft. per re, lbs. pe   | 24 hourser sq. in.                             | EMI<br>Driller<br>Driller<br>FORMAT  | PLOYEES   | gasoline  |   | 0 cu. ft.                     | of gas                              | , Driller              |  |
| emulsio If Ro   | gas well, ock pressu      | cu. ft. per re, lbs. pe   | 24 hours                                       | EMI Driller Driller FORMAT   | PLOYEES   | gasoline  |   | O cu. ft.                     | of gas                              | , Driller              |  |
| emulsion If Roman | gas well, ock pressu      | cu. ft. per<br>ire, lbs. pe<br>111ng Co<br>TO-<br>368<br>1830<br>1840 | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  | PLOYEES FOINT Mancor  | gasoline CORD Lookou Shale  | FOR:  | O cu. ft.                     | of gas                              | , Driller              |  |
| emulsio If Ro   | gas well, ock pressu      | cu. ft. per re, lbs. pe   | 24 hours, ro                                   | EMI Driller Driller FORMAT TAL FEET  | PLOYEES FOINT Mancor Tocito Carlil  | gasoline CORD   | FOR:  | O cu. ft.                     | of gas                              | , Driller              |  |
| emulsio   | gas well, ock pressu      | cu. ft. per re, lbs. pe   | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  | PLOYEES  Foint  Mancor  Tocito  Carlil  Sanest                            | CORD  Lookou Shale Sands Shale  | FOR:  | O cu. ft.                     | of gas                              | , Driller              |  |
| FRO 0 368 1830 1845 1845 1849   | gas well, ock pressu      | TO-  368 1849 1849 1880: Cu   | 24 hours                                       | EMI Driller FORMAT TAL FEET  8 2 0 5 4   | PLOYEES  Point Mancos Tocito Carlii Sanest Carlii                         | Lookou<br>Shale<br>Sands<br>Shale<br>Shale<br>shale                                     | FOR:<br>t Sands<br>tone<br>a<br>stone           | MATION                        | of gas                              | , Driller              |  |
| FRO 0 368 1830 1845 1845 1849   | gas well, ock pressu      | TO—  368 1840 1849 1880 -80: Cu                                       | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  | POYEES  Point Mancos Tocito Carlii Sanest Carlii shale.                   | Lookou<br>Shale<br>Sands<br>Shale<br>shale  | FOR<br>t Sands<br>tone<br>a<br>stone            | MATION tone                   | of gas                              | , Driller, Driller     |  |
| FRO 368 1830 1845 1849 No.  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone estone ilight gi              | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FRO 368 1830 1845 1849 No.  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone estone ilight gi              | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FRO 368 1830 1845 1849  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone stone stone stone stone stone | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FRO 368 1830 1845 1849  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone stone stone stone stone stone | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FB0 0 368 1830 1845 1849 No.  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone stone stone stone stone stone | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FB0 0 368 1830 1845 1849 No.  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone stone stone stone stone stone | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |
| FB0 0 368 1830 1845 1849 No.  | on;                       | TO—  368 1840 1845 1849 1880 -89: Cu                                  | 24 hours                                       | EMI Driller Driller FORMAT TAL FEET  88 12 0 5 4 11 evered 20 11 12 11 11 12 11 14 15 16 11 15 16 11 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | PLOYEES  FOINT  Mancos  Tocito Carlil Sanest Carlil shale. sandst no show | Lookou<br>Shale<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands<br>Sands | FOR: t Sands tone stone stone stone stone stone | MATION  tone  ray, me         | of gas                              | Driller Driller        |  |

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