| FORM C           | 105<br>N.         |                            |  |                                |                             | IS NOITA  |   |                                       | <b></b>       | <b>A</b>           |  |
|------------------|-------------------|----------------------------|--|--------------------------------|-----------------------------|---|---|---------------------------------------|---------------|--------------------|--|
|                  |                   |                            | i na | n menerana en non.<br>N 1999 - |                             |   | L CONSERV.                              |                                       | 0 M M1881     |                    |  |
|                  | •                 |                            |  |                                |                             |   | Santa Fe, New                           | Mexico                                |               |                    |  |
|                  |                   |                            |  |                                |                             |   | -<br>                                   | _                                     |               |                    |  |
| - <b>x</b>       |                   |                            |  |                                |                             |   |   |                                       |               |                    |  |
|                  | •)+ +  <b>h</b>   |                            |  |                                | •                           |   | WELL RECO                               | RD                                    |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   |                                       |               |                    |  |
|                  |                   |                            | -  | 88                             | ent not more                | e than twenty   | ommission, Santa<br>days after completi | lon of well. 1                        | Follow instru | ctions             |  |
| <b></b>          | AREA 640          | ACRES                      | 1  | in<br>bj                       | the Rules a<br>following it | nd Regulation<br>t with (?). Si   | is of the Commissi<br>UBMIT IN TRIPLI   | ion. Indicate<br>(CATE.               | questionable  | e data             |  |
| LOCA             | TE WELL           | CORRECT                    |  | _                              |                             |   | 1.<br>                                  |                                       |               |                    |  |
|                  | Shell             |                            |  |                                | ration                      | 1.5<br>2<br>2<br>2<br>2   | Box 2099,                               | Houst                                 | on, Tex       | 8.8                |  |
|                  | State             | Company<br>WEW             | or Ope<br>v                              | rator ,<br>Vell No             | 4                           | In NW/  | of Sec                                  | Address<br>13                         | _ 20          | LS                 |  |
|                  | S6-E              |                            |  | Monume                         | n t                         | e de la contra de la | Tan                                     |                                       | , T           | <u>_</u>           |  |
| R                | 1980              |                            | Р. М.,                                   |                                | 4                           | Field, _  |   |                                       |               | County             |  |
| Well is          |                   |                            |  |                                | ie and                      |   | vest of the East                        |                                       | <b>GU10E</b>  | 13                 |  |
|                  |                   |                            |  |                                |                             |   | ent No                                  |                                       |               |                    |  |
| If patent        | ed land the       | e owner is                 | 8  |                                |                             |   | , Address                               | 9                                     |               |                    |  |
| If Gover:        | nment lan         | d the per<br>5 <b>he11</b> | mittee<br>Petr                           | is<br>Oloum                    | Cornor                      | etion   | , Address                               | 3TTable                               |               |                    |  |
|                  |                   |                            |  |                                |                             |   | , Address                               | Contor                                | ton, Te       |                    |  |
|                  | commence          | * ·                        | 011                                      | Wall                           | 19                          | Drilling  | , was completed.                        |                                       | aber 24       | • <sub>19</sub> 37 |  |
|                  | drilling c        |                            |  |                                |                             |   | , Address                               | allus;                                | 19188         | ·                  |  |
| Elevation        | above sea         | a level at                 | top of (                                 | casing                         | 3562                        | feet.   |   |                                       |               |                    |  |
| The infor        | mation give       | rena is to l               | )e kept                                  | confidenti                     | al until                    | NOT CO  | afidential                              | •                                     |               |                    |  |
|                  | Top               | or P                       | ay 3                                     | 7271                           | OIL SAN                     | NDS OR ZON  | IES                                     |                                       |               |                    |  |
| No. 1, fra       | m                 |                            | <b>t</b> o                               |                                |                             | No. 4, f  | rom                                     | t                                     | 0             |                    |  |
| No. 2, fro       | m                 | ····· <u>-·····</u>        | to                                       | to No. 5, from                 |                             |   | rom                                     | toto                                  |               |                    |  |
| No. 3, fro       | )m                |                            | to                                       |                                |                             | No. 6, f  | rom                                     | t                                     | 0             |                    |  |
|                  |                   |                            |  | n                              | MPORTAN                     | T WATER   | SANDS                                   |                                       |               |                    |  |
| <b>include</b> d | lata on rai       | te of wate                 | r inflo                                  |                                |                             | which water a   |   |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   | et                                    |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   | et.                                   |               |                    |  |
| No. 3, from      |                   | toteet                     |  |                                |                             |   |   |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   | fe                                      |                                       |               |                    |  |
| ·                |                   |                            |  |                                |                             | NG RECORI   |   |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   | t                                     |               |                    |  |
| SIZE             | WEIGHT<br>PER FOO | T PER                      | EADS<br>INCH                             | MAKE                           | AMOUNT                      | KIND OF<br>SHOE   | CUT & FILLED<br>FROM                    | PERF                                  | ORATED        | PURPOSH            |  |
| 13"              | 45#               |                            | 8  | Nat'l                          | . 134                       | None  |   | FROM                                  | то            |                    |  |
| 9-5/             |                   |                            | 8  | LW                             | 1040                        |   |   |                                       |               |                    |  |
| 7*               | 24                |                            |  | Nat'l                          |                             |   | 1                                       |                                       |               |                    |  |
|                  |                   |                            |  |                                | . <u> </u>                  | -   |   | · · · · · · · · · · · · · · · · · · · |               |                    |  |
|                  | ~                 |                            |  |                                |                             | -   | -<br>                                   |                                       | 1             |                    |  |
|                  | ?                 |                            |  |                                |                             |   |   |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   |                                       |               |                    |  |
|                  |                   |                            |  | MUDI                           | DING AND                    | CEMENTIN  | G RECORD                                |                                       |               |                    |  |
|                  |                   |                            |  |                                |                             |   |   |                                       |               |                    |  |
| SIZE OF<br>HOLE  | SIZE OF           | WHERE S                    | BET C                                    | NO. SACKS                      | т мет                       | HOD USED  | MUD GRAV                                |                                       | AMOUNT OF     | MUD USED           |  |

171" 13" 134" 122" 9-5/8" 1040" 8-5/8" 7" 3712" 10# per gal. 10# " 10/-## " Halliburton 4 tons 150 325 225\* 10 tons

|  |   | _   | LUGS AND AL  |  |  |  |
|--|---|---|--|--|--|--|
|  |   |   |  |  | _  | ə <b>t</b>   |
| Adapters   | -Material   |   | Size   |  |  | ······   |
|  |   | RECORD OF SHO   | OOTING OR C  | HEMICAL ?  | <b>PREATMENT</b>   |  |
| SIZE   | SHELL USED  | EXPLOSIVE OR<br>CHEMICAL USED   | QUANTITY   | DATE   | DEPTH SHOT<br>OR TREATED   | DEPTH CLEANED  |
|  | 1   |   |  |  |  |  |
|  |   |   |  |  |  |  |
| Results of   | shooting or che   | mical treatment   | · · · · · · · · · · · · · · · · · · ·  | ····   |  |  |
|  |   |   |  |  |  |  |
|  |   |   |  |  |  |  |
|  |   | RECORD OF   | DRILL-STEM   | AND SPECIA   | L TESTS  |  |
| f drill-ster   | m or other speci  | al tests or deviation s   | surveys were m   | ade, submit  | report on separate   | sheet and attach her   |
|  |   |   | TOOLS US   | ED   |  |  |
| Rotary too   | ols were used fr  | omfeet  | to   | feet, and  | from   | feet to  |
|  |   | -   | ,  |  |  | _feet to   |
|  |   |   | PRODUCT  | ION  |  |  |
| Dut to pro   |   |   | I NODUCI.  |  |  |  |
|  | ducing Cam tan  | abox 94   | 10, 10, 10, 10   |  |  |  |
|  | -   | hours was   |  |  | of which oo  | W was all:   |
| The produc   | tion of the first   | hours was   | pbar   | rels of fluid  | of which 99.7  | _% was oil;  |
| The produc<br>emulsion;  | ction of the firsty   | water; and  | barbarbarbar   | rels of fluid<br>nt. Gravity,  | PX 55.5° A.  | P.I. 0 62 P  |
| The produc<br>emulsion;<br>If gas well   | etion of the first<br>0.3%<br>, cu, ft. per 24 h  | water; and  | 9bar<br>% sedimen<br>Gal   | rels of fluid<br>nt. Gravity,  | PX 55.5° A.  | P.I. 0 62 P  |
| The produc<br>emulsion;<br>If gas well   | etion of the first<br>0.3%<br>, cu, ft. per 24 h  | water; and  | 9 bar<br>% sedimen<br>Gal  | rels of fluid<br>at. Gravity,<br>lons gasoline   | PX 55.5° A.  | P.I. 0 62 P  |
| The produc<br>emulsion;<br>If gas well<br>Rock press   | etion of the firsty<br>   | water; and  | g bar<br>% sedimen<br>Gal<br>EMPLOYI   | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>CES  | <b>A 33.5</b> A.   | P.I. © 62 <sup>9</sup> Fe  |
| The produce<br>amulsion;<br>If gas well<br>Rock press<br><b>Ear</b>  | etion of the firsty<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson  | water; and  | 9bar<br>6al<br>6al<br>6al<br>6al<br>6al  | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>CES  | <b>A 33.5 A.</b><br>e per 1,000 cu. ft. (  | P.I. © 62 <sup>9</sup> Fe<br>of gas, Dr  |
| The product<br>smulsion;<br>if gas well<br>Rock press<br><b>Ear</b>  | etion of the firsty<br>   | hours was<br>water; and<br>iours<br>in  | Bar bar bar bar bar bar constant c | rels of fluid<br>nt. Gravity,<br>lons gasoline<br>CES  | <b>A 33.5 A.</b><br>a per 1,000 cu. ft.  | <b>P.I. C 68<sup>9</sup> Fr</b><br>of gas, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br>Ear<br>He   | etion of the firsty<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1. Lawson<br>B. Haynes                                      | hours was<br>water; and<br>iours<br>in<br>FORMATI   | <b>F</b> bar<br>bar<br>Gal<br><b>EMPLOYI</b><br>, Driller<br>, Driller<br>Driller  | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>CES<br>ON OTHER  | <b>A 33.5 A.</b><br>a per 1,000 cu. ft.  | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H.</b><br>I hereby s                                       | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t                    | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information a                         | bar<br>bar<br>% sedimen<br>Gal<br>EMPLOYI<br>, Driller<br>Driller<br>ION RECORD<br>given herewith  | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>EES<br>ON OTHER<br>is a comple                                 | <b>A 33.5 A.</b><br>a per 1,000 cu. ft.  | P.I. © 62 <sup>9</sup> Fe<br>of gas, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H.</b><br>I hereby s                                       | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t                    | hours was<br>water; and<br>iours<br>in<br>FORMATI   | bar<br>bar<br>% sedimen<br>Gal<br>EMPLOYI<br>, Driller<br>Driller<br>ION RECORD<br>given herewith  | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>EES<br>ON OTHER<br>is a comple                                 | <b>A 33.5 A.</b><br>a per 1,000 cu. ft.  | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H</b> .<br>I hereby s<br>work done                         | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t                    | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information g<br>can be determined fr | bar<br>bar<br>gal<br>Gal<br>EMPLOYI<br>, Driller<br>, Driller<br>ION RECORD<br>given herewith<br>om available results  | rels of fluid<br>at. Gravity,<br>lons gasoline<br>CES<br>ON OTHER<br>is a comple<br>secords.                     | <b>X 33.5</b> A.<br>e per 1,000 cu. ft.<br><b>I. Dorse</b><br>SIDE<br>ete and correct re   | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H</b> .<br>I hereby s<br>work done                         | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t<br>on it so far as | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information g<br>can be determined fr | bar<br>bar<br>gal<br>Gal<br>EMPLOYI<br>, Driller<br>, Driller<br>ION RECORD<br>given herewith<br>om available results  | rels of fluid<br>ht. Gravity,<br>lons gasoline<br>EES<br>ON OTHER<br>is a comple                                 | <b>X 33.5</b> A.<br>e per 1,000 cu. ft.<br><b>I. Dorse</b><br>SIDE<br>ete and correct re   | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H</b> .<br>I hereby s<br>work done                         | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t<br>on it so far as | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information g<br>can be determined fr | Bar bar gal  | rels of fluid<br>at. Gravity,<br>lons gasoline<br>CES<br>ON OTHER<br>is a comple<br>secords.                     | <b>X 33.5</b> A.<br>e per 1,000 cu. ft.<br><b>I. Dorse</b><br>SIDE<br>ete and correct re   | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>R</b><br>I hereby s<br>work done<br>Subscribed             | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t<br>on it so far as | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information g<br>can be determined fr | bar<br>% sedimen<br>Gal<br>EMPLOYI<br>, Driller<br>, Driller<br>ION RECORD<br>given herewith<br>om available re  | rels of fluid<br>nt. Gravity,<br>lons gasoline<br>CES<br>ON OTHER<br>is a comple<br>secords.                     | <b>R</b> 33.5 A.<br>a per 1,000 cu. ft.<br><b>N. L. Dorse</b><br>SIDE<br>ete and correct re<br><b>N.M.</b>                                 | P.I. C 62 Proof gas, Dr<br>proof gas, Dr<br>, Dr<br>cord of the well and<br>proof the well and<br>proof the well and<br>proof the well and |
| The product<br>emulsion;<br>If gas well<br>Rock press<br><b>Ear</b><br><b>H</b> .<br>I hereby s<br>work done<br>Subscribed<br>day of | etion of the first<br>0.3 %<br>, cu, ft. per 24 h<br>sure, lbs. per sq.<br>1 Lawson<br>B. Haynes<br>wear or affirm t<br>on it so far as | hours was<br>water; and<br>iours<br>in<br>FORMATI<br>that the information g<br>can be determined fr | minimizer bar bar gal  | rels of fluid<br>nt. Gravity,<br>lons gasoline<br>CES<br>ON OTHER<br>is a comple<br>secords.<br><b>Hobbs</b> mac | <b>R</b> 33.5 A.<br>a per 1,000 cu. ft.<br><b>N. I. Dorse</b><br>SIDE<br>ete and correct re<br><b>N.M.</b><br><b>K. M.</b><br><b>K. M.</b> | P.I. C. 62 Fr<br>of gas, Dr<br>, Dr  |

Address Dr. #1457-Hobbe, N.H.

## FORMATION RECORD

| 0   95     95   1018     1180   1180     1180   1155     1180   1555     1553   2806     2806   2806     2806   2806     2807   3696     3808   3696     3809   2804     3800   2804     3801   1180     3802   3696     3803   3777     3772   3772     3772   3772     3772   3772     3772   3772     3772   3775     3772   3775     3772   3775     3772   3775     3772   3775     3800   3805     3800   3805     3800   3805     3800   3805     3800   3805     3800   1100     1100   1100     1100   1100     1100   1100     1100   1100     1100   | FROM   | то   | THICKNESS<br>IN FEET | FORMATION  |
|---|--|--|----------------------|--|
| 3666   3787     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3772     3772   3793     3782   3795     3800   brown erystalline lime, stained W/dilline ime, stained darf     porous crystalline ime, stained darf     stained   restand     restand   restand     stained   restand     restand   | 95<br>1018<br>1120<br>1130<br>1553<br>2296<br>2360<br>2465<br>2800<br>2804 | 1018<br>1120<br>1553<br>2296<br>2360<br>2465<br>2600<br>2604<br>3292 | 9107                 | red beds<br>anhydrite<br>red beds<br>anhydrite W/streaks salt & red shale<br>salt & anhydrite<br>salt<br>anhydrite<br>anhydrite W/streaks gypsum<br>sand W/show of gas<br>lime & anhydrite<br>hard grey lime   |
| 3800   3805   3887     3805   3887     attined   attined     Total Depth   attined     attined   attined <tr< td=""><td>36 9<b>6</b><br/>37<b>27</b><br/>3772<br/>3782</td><td>37<b>72</b><br/>3782<br/>3<b>795</b></td><td></td><td>white crystalline lime<br/>white crystalline lime, porous, stained W/c<br/>grey crystalline &amp; sandy lime<br/>porous crystalline lime, stained W/oil<br/>porous crystalline &amp; sdy. lime stained dark</td></tr<> | 36 9 <b>6</b><br>37 <b>27</b><br>3772<br>3782                              | 37 <b>72</b><br>3782<br>3 <b>795</b>                                 |                      | white crystalline lime<br>white crystalline lime, porous, stained W/c<br>grey crystalline & sandy lime<br>porous crystalline lime, stained W/oil<br>porous crystalline & sdy. lime stained dark  |
|   |  |  |                      | grey sdy. lime<br>white saccharoidal crystallime lime, oil<br>stained  |
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