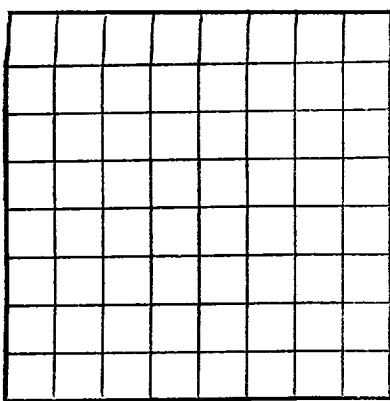




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **S.F. 079162-C**  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Kingsley-Locke Oil Co.** Address **Luhra Tower, Phoenix, Arizona**  
Lessor or Tract **M.K.L.** Field **S. Large** State **New Mexico**  
Well No. **2-9** Sec. **6** T. **26N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**  
Location **1650 ft. [N.] of S. Line and 990 ft. [E.] of W. Line of Sec. 6** Elevation **6040**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed **F. C. Barnes**Date **May 19, 1952** Title **Geologist**

The summary on this page is for the condition of the well at above date.

Commenced drilling **May 9**, 19**52** Finished drilling **May 19**, 19**52**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2118** to **2182 (G.)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from **450'** to **1450'** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing    | Weight per foot | Threads per inch | Make         | Amount        | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|----------------|-----------------|------------------|--------------|---------------|--------------|---------------------|------------|-----|---------|
|                |                 |                  |              |               |              |                     | From—      | To— |         |
| <b>10 3/4"</b> | <b>85#</b>      | <b>8</b>         | <b>Naval</b> | <b>127'</b>   | <b>Ball</b>  |                     |            |     |         |
| <b>5 1/2"</b>  | <b>47#</b>      | <b>10</b>        | <b>Naval</b> | <b>2,122'</b> | <b>Ball</b>  |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing    | Where set     | Number sacks of cement | Method used       | Mud gravity | Amount of mud used |
|----------------|---------------|------------------------|-------------------|-------------|--------------------|
| <b>10 3/4"</b> | <b>127'</b>   | <b>50</b>              | <b>Haliburton</b> |             |                    |
| <b>5 1/2"</b>  | <b>2,122'</b> | <b>140</b>             | <b>Haliburton</b> |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used   | Quantity       | Date           | Depth shot       | Depth cleaned out |
|------|------------|------------------|----------------|----------------|------------------|-------------------|
|      |            | <b>Nitro-gel</b> | <b>110 qts</b> | <b>5/19/52</b> | <b>2138'-82'</b> | <b>2182'</b>      |

## TOOLS USED

Rotary tools were used from **0** feet to **2182** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**May 19**, 19**52** Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours **5 million** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **900#**

## EMPLOYEES

**Harmon Owen**, Driller \_\_\_\_\_, Driller  
**Harry Owen**, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—        | TO—          | TOTAL FEET   | FORMATION                                                                |
|--------------|--------------|--------------|--------------------------------------------------------------------------|
| <b>0'</b>    | <b>50'</b>   | <b>50'</b>   | <b>Unconsolidated sand</b>                                               |
| <b>50'</b>   | <b>250'</b>  | <b>200'</b>  | <b>Grey and brown coarse ss.</b>                                         |
| <b>250'</b>  | <b>1485'</b> | <b>1235'</b> | <b>Fine to coarse grey and brown ss with occasional thin shale beds.</b> |
| <b>1485'</b> | <b>2118'</b> | <b>633'</b>  | <b>Grey shale and coal.</b>                                              |
| <b>2118'</b> | <b>2182'</b> | <b>64'</b>   | <b>Lt. grey to white fine to med. ss.</b>                                |
|              |              |              | <b>Top Pictured Cliffs - 2118'</b>                                       |

LEW 245 90 10 30 000

CONFIDENTIAL

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shoveling.

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO  | TOTAL FEET | FORMATION |
|------|-----|------------|-----------|
| 01   | 01  | 01         | FORMATION |
| 02   | 02  | 02         | FORMATION |
| 03   | 03  | 03         | FORMATION |
| 04   | 04  | 04         | FORMATION |
| 05   | 05  | 05         | FORMATION |
| 06   | 06  | 06         | FORMATION |
| 07   | 07  | 07         | FORMATION |
| 08   | 08  | 08         | FORMATION |
| 09   | 09  | 09         | FORMATION |
| 10   | 10  | 10         | FORMATION |
| 11   | 11  | 11         | FORMATION |
| 12   | 12  | 12         | FORMATION |
| 13   | 13  | 13         | FORMATION |
| 14   | 14  | 14         | FORMATION |
| 15   | 15  | 15         | FORMATION |
| 16   | 16  | 16         | FORMATION |
| 17   | 17  | 17         | FORMATION |
| 18   | 18  | 18         | FORMATION |
| 19   | 19  | 19         | FORMATION |
| 20   | 20  | 20         | FORMATION |
| 21   | 21  | 21         | FORMATION |
| 22   | 22  | 22         | FORMATION |
| 23   | 23  | 23         | FORMATION |
| 24   | 24  | 24         | FORMATION |
| 25   | 25  | 25         | FORMATION |
| 26   | 26  | 26         | FORMATION |
| 27   | 27  | 27         | FORMATION |
| 28   | 28  | 28         | FORMATION |
| 29   | 29  | 29         | FORMATION |
| 30   | 30  | 30         | FORMATION |
| 31   | 31  | 31         | FORMATION |
| 32   | 32  | 32         | FORMATION |
| 33   | 33  | 33         | FORMATION |
| 34   | 34  | 34         | FORMATION |
| 35   | 35  | 35         | FORMATION |
| 36   | 36  | 36         | FORMATION |
| 37   | 37  | 37         | FORMATION |
| 38   | 38  | 38         | FORMATION |
| 39   | 39  | 39         | FORMATION |
| 40   | 40  | 40         | FORMATION |
| 41   | 41  | 41         | FORMATION |
| 42   | 42  | 42         | FORMATION |
| 43   | 43  | 43         | FORMATION |
| 44   | 44  | 44         | FORMATION |
| 45   | 45  | 45         | FORMATION |
| 46   | 46  | 46         | FORMATION |
| 47   | 47  | 47         | FORMATION |
| 48   | 48  | 48         | FORMATION |
| 49   | 49  | 49         | FORMATION |
| 50   | 50  | 50         | FORMATION |
| 51   | 51  | 51         | FORMATION |
| 52   | 52  | 52         | FORMATION |
| 53   | 53  | 53         | FORMATION |
| 54   | 54  | 54         | FORMATION |
| 55   | 55  | 55         | FORMATION |
| 56   | 56  | 56         | FORMATION |
| 57   | 57  | 57         | FORMATION |
| 58   | 58  | 58         | FORMATION |
| 59   | 59  | 59         | FORMATION |
| 60   | 60  | 60         | FORMATION |
| 61   | 61  | 61         | FORMATION |
| 62   | 62  | 62         | FORMATION |
| 63   | 63  | 63         | FORMATION |
| 64   | 64  | 64         | FORMATION |
| 65   | 65  | 65         | FORMATION |
| 66   | 66  | 66         | FORMATION |
| 67   | 67  | 67         | FORMATION |
| 68   | 68  | 68         | FORMATION |
| 69   | 69  | 69         | FORMATION |
| 70   | 70  | 70         | FORMATION |
| 71   | 71  | 71         | FORMATION |
| 72   | 72  | 72         | FORMATION |
| 73   | 73  | 73         | FORMATION |
| 74   | 74  | 74         | FORMATION |
| 75   | 75  | 75         | FORMATION |
| 76   | 76  | 76         | FORMATION |
| 77   | 77  | 77         | FORMATION |
| 78   | 78  | 78         | FORMATION |
| 79   | 79  | 79         | FORMATION |
| 80   | 80  | 80         | FORMATION |
| 81   | 81  | 81         | FORMATION |
| 82   | 82  | 82         | FORMATION |
| 83   | 83  | 83         | FORMATION |
| 84   | 84  | 84         | FORMATION |
| 85   | 85  | 85         | FORMATION |
| 86   | 86  | 86         | FORMATION |
| 87   | 87  | 87         | FORMATION |
| 88   | 88  | 88         | FORMATION |
| 89   | 89  | 89         | FORMATION |
| 90   | 90  | 90         | FORMATION |
| 91   | 91  | 91         | FORMATION |
| 92   | 92  | 92         | FORMATION |
| 93   | 93  | 93         | FORMATION |
| 94   | 94  | 94         | FORMATION |
| 95   | 95  | 95         | FORMATION |
| 96   | 96  | 96         | FORMATION |
| 97   | 97  | 97         | FORMATION |
| 98   | 98  | 98         | FORMATION |
| 99   | 99  | 99         | FORMATION |
| 100  | 100 | 100        | FORMATION |