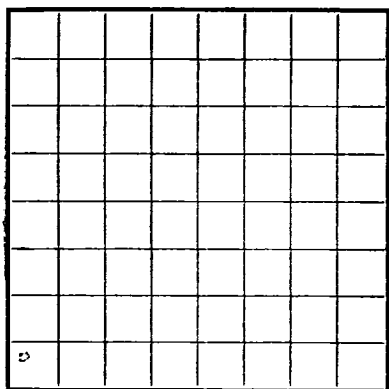
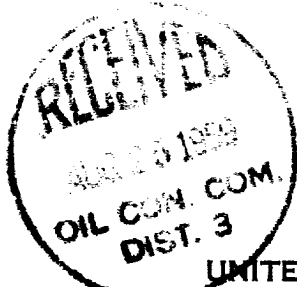




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R-355.3.  
Approval expires 12-31-55.U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 080236A  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company H. K. Riddle Trust Address Box 1507, Salt Lake City, Utah  
Lessor or Tract Federal Field Histi State N. M.  
Well No. 1 Sec. 18 T. 26 R. 13 Meridian 1874 County San Juan  
Location 615 ft. N. of 8 Line and 255 ft. E. of 4 Line of Sec. Elevation 6486  
(Derive base 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 \_\_\_\_\_

Date August 22, 1959

Title \_\_\_\_\_

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

Commenced drilling July 17, 1959 Finished drilling July 30, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5291 to 5309 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 \_\_\_\_\_ to \_\_\_\_\_ 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— |         |
| <u>8-5/8"</u>                | <u>234</u>      | <u>62</u>        | <u>Halliburton</u> | <u>200'</u>  | <u>Ball</u>  |                     |            |     |         |
| <u>5-1/2"</u>                | <u>150</u>      | <u>54</u>        | <u>Halliburton</u> | <u>5309'</u> | <u>Ball</u>  |                     |            |     |         |
| APPROXIMATE OIL OR GAS SANDS |                 |                  |                    |              |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set      | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|---------------|----------------|------------------------|--------------------|-------------|--------------------|
| <u>8-5/8"</u> | <u>200</u>     | <u>150</u>             | <u>Halliburton</u> |             |                    |
| <u>5-1/2"</u> | <u>5307.09</u> | <u>150</u>             | <u>"</u>           |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 5301 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

August 22, 1959Put to producing August 6, 1959The production for the first 24 hours was 141 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment.Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours \_\_\_\_\_

Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Force Drilling Co., Driller \_\_\_\_\_, DrillerCharlie Branch, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                                   |
|-------------|-------------|-------------|---------------------------------------------|
| <u>0</u>    | <u>1645</u> | <u>1645</u> | <u>Sd, Sh, &amp; coal</u>                   |
| <u>1645</u> | <u>1695</u> | <u>50</u>   | <u>Sd</u>                                   |
| <u>1695</u> | <u>4285</u> | <u>2590</u> | <u>Sd, Sh, &amp; coal</u>                   |
| <u>4285</u> | <u>4920</u> | <u>635</u>  | <u>Sh</u>                                   |
| <u>4920</u> | <u>5290</u> | <u>370</u>  | <u>Sd &amp; Sh</u>                          |
| <u>5290</u> | <u>5320</u> | <u>30</u>   | <u>Sd</u>                                   |
| <u>5320</u> | <u>5381</u> | <u>61</u>   | <u>Sdy Sh</u>                               |
|             |             |             | <u>Top Pictured Cliffs</u> <u>1645</u>      |
|             |             |             | <u>Top Lewis Shale</u> <u>1695</u>          |
|             |             |             | <u>Top Cliffhouse Mesaverde</u> <u>2315</u> |
|             |             |             | <u>Top Manatee</u> <u>2640</u>              |
|             |             |             | <u>Top Point Lookout</u> <u>4080</u>        |
|             |             |             | <u>Top Mancos</u> <u>4240</u>               |
|             |             |             | <u>Top Gallup</u> <u>5010</u>               |

250 gallons of mud acid was spotted. The well was perforated with 4 cone shots per ft. from 5291-5309. 40,000 gal. of oil and 40,000# of sand was used. The well was flushed with a total of 5800 gal. Break down pressure 2700# to 650#. Maximum treating pressure 2050#. Minimum treating pressure 1750#. Average 1850#. Injection rate 48.2 bbls. per min. Shut in pressure 1800#.

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

10-42094-3

FORMATION RECORD—CONTINUED

DEPARTMENT OF THE INTERIOR  
UNITED STATES  
GEOLOGICAL SURVEY



A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

LOCATE WELL CORRECTLY

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

Date \_\_\_\_\_ January 22, 1968

Title \_\_\_\_\_

(Devote das by G)

|             |    |                 |             |    |
|-------------|----|-----------------|-------------|----|
| No. 1, from | to | <del>1934</del> | No. 4, from | to |
| No. 2, from | to |                 | No. 5, from | to |
| No. 3, from | to |                 | No. 6, from | to |

No. 1 from ..... No. 8 from .....  
No. 8 from ..... No. 1 from .....

[illegible]

| Case No. | Case Name | Number of cases of cement | Method used | Method used | Amount to be used |
|----------|-----------|---------------------------|-------------|-------------|-------------------|
| 1-1-1    | 1-1-1     | 1-1-1                     | 1-1-1       | 1-1-1       | 1-1-1             |
| 2-1-1    | 2-1-1     | 2-1-1                     | 2-1-1       | 2-1-1       | 2-1-1             |
| 3-1-1    | 3-1-1     | 3-1-1                     | 3-1-1       | 3-1-1       | 3-1-1             |
| 4-1-1    | 4-1-1     | 4-1-1                     | 4-1-1       | 4-1-1       | 4-1-1             |
| 5-1-1    | 5-1-1     | 5-1-1                     | 5-1-1       | 5-1-1       | 5-1-1             |
| 6-1-1    | 6-1-1     | 6-1-1                     | 6-1-1       | 6-1-1       | 6-1-1             |
| 7-1-1    | 7-1-1     | 7-1-1                     | 7-1-1       | 7-1-1       | 7-1-1             |
| 8-1-1    | 8-1-1     | 8-1-1                     | 8-1-1       | 8-1-1       | 8-1-1             |
| 9-1-1    | 9-1-1     | 9-1-1                     | 9-1-1       | 9-1-1       | 9-1-1             |
| 10-1-1   | 10-1-1    | 10-1-1                    | 10-1-1      | 10-1-1      | 10-1-1            |
| 11-1-1   | 11-1-1    | 11-1-1                    | 11-1-1      | 11-1-1      | 11-1-1            |
| 12-1-1   | 12-1-1    | 12-1-1                    | 12-1-1      | 12-1-1      | 12-1-1            |
| 13-1-1   | 13-1-1    | 13-1-1                    | 13-1-1      | 13-1-1      | 13-1-1            |
| 14-1-1   | 14-1-1    | 14-1-1                    | 14-1-1      | 14-1-1      | 14-1-1            |
| 15-1-1   | 15-1-1    | 15-1-1                    | 15-1-1      | 15-1-1      | 15-1-1            |
| 16-1-1   | 16-1-1    | 16-1-1                    | 16-1-1      | 16-1-1      | 16-1-1            |
| 17-1-1   | 17-1-1    | 17-1-1                    | 17-1-1      | 17-1-1      | 17-1-1            |
| 18-1-1   | 18-1-1    | 18-1-1                    | 18-1-1      | 18-1-1      | 18-1-1            |
| 19-1-1   | 19-1-1    | 19-1-1                    | 19-1-1      | 19-1-1      | 19-1-1            |
| 20-1-1   | 20-1-1    | 20-1-1                    | 20-1-1      | 20-1-1      | 20-1-1            |
| 21-1-1   | 21-1-1    | 21-1-1                    | 21-1-1      | 21-1-1      | 21-1-1            |
| 22-1-1   | 22-1-1    | 22-1-1                    | 22-1-1      | 22-1-1      | 22-1-1            |
| 23-1-1   | 23-1-1    | 23-1-1                    | 23-1-1      | 23-1-1      | 23-1-1            |
| 24-1-1   | 24-1-1    | 24-1-1                    | 24-1-1      | 24-1-1      | 24-1-1            |
| 25-1-1   | 25-1-1    | 25-1-1                    | 25-1-1      | 25-1-1      | 25-1-1            |
| 26-1-1   | 26-1-1    | 26-1-1                    | 26-1-1      | 26-1-1      | 26-1-1            |
| 27-1-1   | 27-1-1    | 27-1-1                    | 27-1-1      | 27-1-1      | 27-1-1            |
| 28-1-1   | 28-1-1    | 28-1-1                    | 28-1-1      | 28-1-1      | 28-1-1            |
| 29-1-1   | 29-1-1    | 29-1-1                    | 29-1-1      | 29-1-1      | 29-1-1            |
| 30-1-1   | 30-1-1    | 30-1-1                    | 30-1-1      | 30-1-1      | 30-1-1            |
| 31-1-1   | 31-1-1    | 31-1-1                    | 31-1-1      | 31-1-1      | 31-1-1            |
| 32-1-1   | 32-1-1    | 32-1-1                    | 32-1-1      | 32-1-1      | 32-1-1            |
| 33-1-1   | 33-1-1    | 33-1-1                    | 33-1-1      | 33-1-1      | 33-1-1            |
| 34-1-1   | 34-1-1    | 34-1-1                    | 34-1-1      | 34-1-1      | 34-1-1            |
| 35-1-1   | 35-1-1    | 35-1-1                    | 35-1-1      | 35-1-1      | 35-1-1            |
| 36-1-1   | 36-1-1    | 36-1-1                    | 36-1-1      | 36-1-1      | 36-1-1            |
| 37-1-1   | 37-1-1    | 37-1-1                    | 37-1-1      | 37-1-1      | 37-1-1            |
| 38-1-1   | 38-1-1    | 38-1-1                    | 38-1-1      | 38-1-1      | 38-1-1            |
| 39-1-1   | 39-1-1    | 39-1-1                    | 39-1-1      | 39-1-1      | 39-1-1            |
| 40-1-1   | 40-1-1    | 40-1-1                    | 40-1-1      | 40-1-1      | 40-1-1            |
| 41-1-1   | 41-1-1    | 41-1-1                    | 41-1-1      | 41-1-1      | 41-1-1            |
| 42-1-1   | 42-1-1    | 42-1-1                    | 42-1-1      | 42-1-1      | 42-1-1            |
| 43-1-1   | 43-1-1    | 43-1-1                    | 43-1-1      | 43-1-1      | 43-1-1            |
| 44-1-1   | 44-1-1    | 44-1-1                    | 44-1-1      | 44-1-1      | 44-1-1            |
| 45-1-1   | 45-1-1    | 45-1-1                    | 45-1-1      | 45-1-1      | 45-1-1            |
| 46-1-1   | 46-1-1    | 46-1-1                    | 46-1-1      | 46-1-1      | 46-1-1            |
| 47-1-1   | 47-1-1    | 47-1-1                    | 47-1-1      | 47-1-1      | 47-1-1            |
| 48-1-1   | 48-1-1    | 48-1-1                    | 48-1-1      | 48-1-1      | 48-1-1            |
| 49-1-1   | 49-1-1    | 49-1-1                    | 49-1-1      | 49-1-1      | 49-1-1            |
| 50-1-1   | 50-1-1    | 50-1-1                    | 50-1-1      | 50-1-1      | 50-1-1            |
| 51-1-1   | 51-1-1    | 51-1-1                    | 51-1-1      | 51-1-1      | 51-1-1            |
| 52-1-1   | 52-1-1    | 52-1-1                    | 52-1        |             |                   |

|                       |      |        |        |
|-----------------------|------|--------|--------|
| Adapters—Material     | Size | Length | Weight |
| Heaving plug—Material |      |        |        |

[illegible]

|                             |         |                |         |
|-----------------------------|---------|----------------|---------|
| Rotary tools were used from | feet to | feet, and from | feet to |
| Cable tools were used from  | feet to | feet, and from | feet to |

|                                           |    |  |
|-------------------------------------------|----|--|
| The production for the first 24 hours was | 10 |  |
| a sample of fluid of which                | 10 |  |
| was 0.7%                                  | 10 |  |
| Put to producing                          | 10 |  |

|                                  |                                          |
|----------------------------------|------------------------------------------|
| It gas well and lit per 24 hours | Gravily, 84                              |
| Emulsion; and sediment           | Gallons gasoline per 1000 cu. ft. of gas |

|         |         |         |         |
|---------|---------|---------|---------|
| Driller | Driller | Driller | Driller |
| Driller | Driller | Driller | Driller |

| FROM - | TO - | TOTAL FEET | FORMATION |
|--------|------|------------|-----------|
| 0      | 1001 | 1001       | 1001      |
| 1001   | 1002 | 1002       | 1002      |
| 1002   | 1003 | 1003       | 1003      |
| 1003   | 1004 | 1004       | 1004      |
| 1004   | 1005 | 1005       | 1005      |
| 1005   | 1006 | 1006       | 1006      |
| 1006   | 1007 | 1007       | 1007      |
| 1007   | 1008 | 1008       | 1008      |
| 1008   | 1009 | 1009       | 1009      |
| 1009   | 1010 | 1010       | 1010      |

[illegible][illegible]

ВЕРИЛИКОВ — ДВОРЕЦЬ КОЛЛЕКЦИОНА

[illegible]