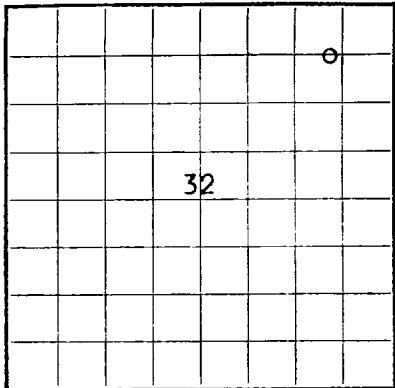


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078214  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Compass Exploration, Inc. Address 101 University Blvd., Denver, Colo.  
Lessor or Tract Northwest Farmington Field Basin-Dakota State New Mexico  
Well No. 1-32 Sec. 32 T. 30N R. 13W Meridian NMPM County San Juan  
Location 790 ft. XX of N Line and 790 ft. XX of E Line of Section 32 Elevation 5367  
(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 \_\_\_\_\_

Date April 8, 1963 Title Manager of Exploration

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

Commenced drilling 1/17, 19 63 Finished drilling 2/7, 19 63

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 5792 to 5828 No. 4, from \_\_\_\_\_  
No. 2, from 5884 to 5890 No. 5, from \_\_\_\_\_  
No. 3, from 5898 to 5918 No. 6, from \_\_\_\_\_

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-- |            |
| 8-5/8"      | 28#             | 8 rd             | J-55 | 239'    | Guide        | --                  | --         | --   | Surface    |
| 4-1/2"      | 10.5#           | 8 rd             | J-55 | 6112.6  | Guide        | --                  | 5792       | 5918 | Production |
| 1-1/2"      | 2.75            | WRd              | V-50 | 5876.25 | --           | --                  |            |      | Tubing     |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 239'      | 175 saks               | Displacement | --          | --                 |
| 4-1/2"      | 6125'     | 225 saks               | Displacement | --          | --                 |

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 |
|------|------------|----------------|----------------|------|------------|-------------------|
| Frac | 1st Stage  | 5884-5898      | W/32,000# sand |      | and 51,450 | gals. water       |
| Frac | 2nd Stage  | 5792-5828      | W/40,000# sand |      | and 58,380 | gals. water       |

TOOLS USED

Rotary tools were used from Surface feet to 6125(TD) feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Completed as a shut-in gas well  
Put to producing 2/21, 19 63

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, xxxx per 24 hours 2740 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1979 SICP

EMPLOYEES

Trojan Drilling Co., Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
C. Johnson, Toolpusher

FORMATION RECORD

| FROM—   | TO—        | TOTAL FEET | FORMATION                        |
|---------|------------|------------|----------------------------------|
| Surface | 1215'      | 1215'      | Cretacious - Undifferentiated    |
| 1215'   | 1335'      | 120'       | Pictured Cliffs - Sandstone      |
| 1335'   | 2730'      | 1395'      | Lewis - Shale, Siltstone         |
| 2730'   | 2895'      | 165'       | Cliff House - Sandstone, Shale   |
| 2895'   | 3628'      | 833'       | Menefee - Sandstone, Shale, Coal |
| 3628'   | 3974'      | 346'       | Point Lookout - Sandstone, Shale |
| 3974'   | 4934'      | 960'       | Mancos - Shale, W/SME Siltstone  |
| 4934'   | 5446'      | 502'       | Gallup - Siltstone, Shale        |
| 5446'   | 5686'      | 240'       | Lower Mancos - Shale             |
| 5686'   | 5740'      | 54'        | Greenhorn - Shalely Limestone    |
| 5740'   | 5790'      | 50'        | Graneros - Shale                 |
| 5790'   | 6125' (TD) | 335'       | Dakota - Sandstone, Shale        |
|         |            |            | - Pay Zones 5792-5828            |
|         |            |            | 5884-5890                        |
|         |            |            | 5898-5918                        |

**FORMATION RECORD—Continued**

[illegible]

## HISTORY OF OIL OR GAS WELL

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.

Refer to previously submitted Forms 9331a