

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

MAY 11 1965

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ IRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

2. NAME OF OPERATOR

Sentinel Petroleum Corporation

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

At top prod. interval reported below 2490

At total depth 2618

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-11-65

16. DATE T.D. REACHED

3-14-65

17. DATE COMPL. (Ready to prod.)

4-9-65

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6790 GR

19. ELEV. CASINGHEAD

6792

20. TOTAL DEPTH, MD &amp; TVD

2628

21. PLUG, BACK T.D., MD &amp; TVD

2572

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

2490-2503 Pictured Cliffs

25. WAS DIRECTIONAL  
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Electric Log G.O. Wire Line Service  
Gamma Ray and Cement Bond Log

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD |
|-------------|-----------------|----------------|-----------|------------------|
| 8 5/8       | 24              | 104            | 12 1/2    | 50 sacks         |
| 4 1/2       | 9.5             | 2610           | 6 3/4     | 80 sacks         |
|             |                 |                |           |                  |
|             |                 |                |           |                  |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 1 1/2 | 2483           | none            |
|      |          |             |               |             |       |                |                 |
|      |          |             |               |             |       |                |                 |

31. PERFORATION RECORD (Interval, size and number)

2494-2504 2 holes per ft  
Dyna Jets

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                    |
|---------------------|-------------------------------------------------------------------------------------|
| 2490-2504           | 250 gal acid, 31,000 gal<br>water, 35,000# 10-20 sand,<br>20 tons CO <sub>2</sub> . |
|                     |                                                                                     |
|                     |                                                                                     |

33.\*

## PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or  
shut-in)

shut in

DATE OF TEST

4-30-65

HOURS TESTED

3

CHOKE SIZE

.750

PROD'N. FOR  
TEST PERIOD

OIL—BBL.

0

GAS—MCF.

WATER—BBL.

0

GAS-OIL RATIO

no oil

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED  
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

El Paso Natural Gas Company

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

German Bayle

TITLE

Prod. Mgr.

DATE

5-8-65

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal land office. See instructions on items 99 and 94 and 93 below regarding separate reports for separate completions.

and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

For Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as **reference** (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Item 22:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be reported, and show the additional data pertinent to such interval.

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Stacks & Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cement. (See instruction for items 22 and 21 above.)

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced.

| 37. SUMMARY OF LITHOLOGIC ZONES.                                                                                                                                                                                |        | 38. GEOLOGIC MARKERS |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, FLUIDS USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDS. |        | NAME                 |                  |
| FORMATION                                                                                                                                                                                                       | TOP    | MEAS. DEPTH          | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                 | BOTTOM |                      |                  |
| DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                     |        |                      |                  |