

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 4.

| Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. | | SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. | | |
|---|------|--|--------------|--------------|
| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
| <input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. | | | | |
| <input type="checkbox"/> Check if samples sent to Geological Survey | | | | |
| WD | -0- | 3765 | Anhydrite | 1488 (+ 677) |
| Arbuckle | 3765 | 4000 | Topeka | 3123 (- 958) |
| RTD | | 4000 | Heebner | 3344 (-1179) |
| | | | Lans-KC | 3385 (-1220) |
| | | | Conglomerate | 3648 (-1483) |
| | | | Arbuckle | 3743 (-1578) |
| | | | Original RTD | 3765 (-1600) |
| | | | New RTD | 4000 (-1835) |
| | | | 4½' Pipe | 3978 (-1813) |

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If additional space is needed use Page 2,

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or (Used)

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|---------------|-------|----------------------------|
| Surface | 12-1/4" | 8-5/8" | Not Avail. | 211' | Not Available | 145 | Not Available |
| Production | 7-7/8" | 4-1/2" | 10.5# | 3978' | Common | 275 | 10% Salt |
| D.V. Tool | " | " | --- | 1528' | 50-50 Pozmix | 550 | 6% Gel |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Socks cement | Shots per ft. | Size & type D.P.'s | Depth interval |
|----------|---------------|---------------|---------------|--------------------|-------------------|
| | | | 4 | | 3518-22, 3526-30; |
| | | | 1 | | 3545, 3564. |
| | | | 4 | | 3580-84, 3600-06, |
| Size | Setting depth | Pecker set at | " | " | 3612-18. |
| 2-3/8" | 3604' | ----- | 1 | " | 3582, 3603, 3615. |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD/ 4 SPF DPs 3652-60, 3662-68.

| Amount and kind of material used | Depth interval treated |
|----------------------------------|---------------------------|
| 1000 gal., 15% regular acid | 3518-22, 3526-3530, 3545, |
| 1500 " " " " | 3582, 3603, 3615. |
| 500 gal., 15% INS acid | 3652-60, 3662-68. |

| | | |
|-------------------------------------|--|------------|
| Date of first production 4-13-83 | Producing method (flowing, pumping, gas lift, etc.) Pumping | Gravity 36 |
|-------------------------------------|--|------------|

| | | | | |
|----------------------------|--------------|-------------|-----------|-------------------|
| Estimated Production -I.P. | Oil 15 bbls. | Gas -0- MCF | Water % 3 | Gas-oil ratio N/A |
|----------------------------|--------------|-------------|-----------|-------------------|

Disposition of gas (vented, used on lease or sold)
N/A

Perforations 3518-22, 3526-30, 3545, 3564, 3580-84, 3600-06, 3612-18, 3582, 3603, 3615, 3652-60, 3662-68.