

5

Form ACO-1 (5-86)

Sec. 6. Twp 25. Rge. 41W

Operator Name Petrofocus USA, Inc. Lease Name Gebhards Well # 1

RELEASED

Sec. 6 Twp. 15 Rge. 41 ☐ East ☒ West County Wallace MAR 06 1990

## WELL LOG

FROM CONFIDENTIAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No  
Samples Sent to Geological Survey ☒ Yes ☐ No  
Cores Taken ☐ Yes ☒ No

Formation Description  
☒ Log ☐ Sample

T-1 4936-4996. 30-60-30-60 ISIP 1068# SSIP 1040# IFP 60/140#, FFP 68/119#, IHP 2456#, FHP 2334#. (1st Open) Surging blow to 4" in 15 min. Died @ 28 min. (2nd Open) WB died in 20 min. Rec. 45' SGOCM, 60' MW, 120' SW

T-2 5091-5148. Misrun. Packer Failure.

T-3 5009-5148 30-60-60-60. ISIP 755#, SSIP 597#, IFP 132/213#, FFP 147/246#, IHP 2644, FHP 2501 (1st Open) WB built to 4" @ 15 min., then died to 1/4" @ 30 min., (2nd Open) WB died in 30 min.  
Rec. 180'DM, 240'SW

| Name              | Top  | Bottom |
|-------------------|------|--------|
| Fort Hays         | 1048 |        |
| Stone Corral Anh. | 2816 | 2846   |
| Neva              | 3530 |        |
| Foraker           | 3603 |        |
| Wabaunsee         | 3750 |        |
| Topeka            | 3934 |        |
| Heebner           | 4166 |        |
| Lansing           | 4190 |        |
| Marmaton          | 4612 |        |
| Cherokee          | 4755 |        |
| Atoka             | 4875 |        |
| T/Morrow          | 5018 |        |
| Keys              | 5103 |        |
| Miss.-St.Gen.     | 5146 |        |
| -St.Louis         | 5186 |        |
| T.D.              | 5234 |        |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|--------------------------------------------------------------------|----------------|-------------|----------------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
| Purpose of String                                                         | Size Hole Drilled                                                                                                                                                             | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth                                                      | Type of Cement | #Sacks Used | Type and Percent Additives       |
| Surface                                                                   | 12 5/8"                                                                                                                                                                       | 8 5/8"                    | 20             | 401                                                                | Neat           | 225         | 2lb. floreal/Sx                  |
| Production                                                                | 7 7/8"                                                                                                                                                                        | 5 1/2"                    | 155            | 5229                                                               | Neat           | 100         | 3% CaCl<br>4.2 gal./Sx<br>WFR II |
| PERFORATION RECORD                                                        |                                                                                                                                                                               |                           |                | Acid, Fracture, Shot, Cement Squeeze Record                        |                |             |                                  |
| Shots Per Foot                                                            | Specify Footage of Each Interval Perforated                                                                                                                                   |                           |                | Amount and Kind of Material Used                                   |                | Depth       |                                  |
|                                                                           |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
|                                                                           |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
|                                                                           |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
|                                                                           |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |
| TUBING RECORD                                                             |                                                                                                                                                                               |                           |                | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |                |             |                                  |
| Date of First Production                                                  | Producing Method                                                                                                                                                              |                           |                |                                                                    |                |             |                                  |
|                                                                           | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) Abandoned Pipe Pulled |                           |                |                                                                    |                |             |                                  |
| Estimated Production Per 24 Hours                                         | Oil Bbls                                                                                                                                                                      | Gas MCF                   | Water Bbls     | Gas-Oil Ratio                                                      | Gravity        |             |                                  |
|                                                                           |                                                                                                                                                                               |                           |                |                                                                    |                |             |                                  |

## METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☐ Perforation ☐ Other (Specify) .....

☐ Dually Completed ☐ Commingled

Note: Lost circulation @ 5234'. Production casing (5 1/2" J, 15.5 #/ft.) set for open hole test. Pipe shot off @ 4018' and set plugs.

## EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

RELEASED

MAR 0 6 1990

FROM CONFIDENTIAL

DRILLERS LOG

OPERATOR: Petrofocus U.S.A., Inc.  
1645 Court Place, Suite 319  
Denver, Colorado 80202

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Gebhards

WELL #1-6

LOCATION: NE NE NE  
Section 6-15S-41W  
Wallace County, Kansas

ROTARY TOTAL DEPTH: 5241'

ELEVATION: 3820' K.B.

COMMENCED: 8/13/88

COMPLETED: 8/28/88

CASING: 8-5/8" @ 401' w/125 sks cement  
5-1/2" @ 5218' w/100 sks.cement

STATUS: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

|                       |       |                             |       |
|-----------------------|-------|-----------------------------|-------|
| Top Soil, Sand & Clay | 280'  | Top of Topeka               | 3758' |
| Shale                 | 1528' | Top of Heebner              | 4125' |
| Dakota Sand           | 1575' | Top of Toronto              | 4178' |
| Red Bed               | 2655' | Top of Lansing-Kansas City  | 4206' |
| Cedar Hills Sand      | 2746' | Base of Lansing-Kansas City | 4586' |
| Anhydrite             | 2846' | R.T.D.                      | 5241' |
| Red Bed               | 3757' |                             |       |

RECEIVED  
STATE CORPORATION COMMISSION

SEP 10 1988

CONSERVATION DIVISION  
Wichita, Kansas

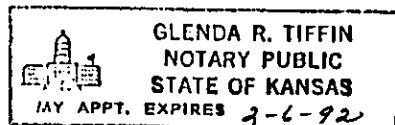
STATE OF KANSAS )  
 ) ss  
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

*Kyle B. Branum*  
Kyle B. Branum

Subscribed and sworn to before me on August 30, 1988.

My commission expires: February 6, 1992.



*Glenda R. Tiffin*  
Glenda R. Tiffin, Notary Public

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH