

COMPANY Johnson Oil

FARM Wienman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

COPY

DATE

| DEPTH                 | TIME O'CLOCK           | MIN. | REMARKS      |
|-----------------------|------------------------|------|--------------|
| <del>3000</del><br>01 | <del>11:28</del><br>32 | 4    |              |
|                       | 37                     | 5    |              |
|                       | 41                     | 4    |              |
|                       | 47                     | 6    |              |
|                       | 54                     | 7    |              |
|                       | 12:03                  | 9    |              |
|                       | 10                     | 7    |              |
|                       | 18                     | 8    |              |
|                       | 27                     | 9    |              |
| 10                    | 36                     | 9    |              |
|                       | 47                     | 11   |              |
|                       | 56                     | 9    |              |
|                       | 1:02                   | 6    |              |
|                       | 10                     | 8    |              |
|                       | 17                     | 7    | Conn. ✓ R. 9 |
|                       | <del>20</del> 26       | 6    |              |
|                       | 30                     | 4    |              |
|                       | 36                     | 6    |              |
|                       | 42                     | 6    |              |
| 20                    | 47                     | 5    |              |
|                       | 52                     | 5    |              |
|                       | 2:00                   | 8    |              |
|                       | 06                     | 4    |              |
|                       | 14                     | 8    |              |
|                       | 21                     | 7    |              |
|                       | 29                     | 8    |              |
|                       | 37                     | 8    |              |
|                       | 44                     | 7    |              |
|                       | 52                     | 8    |              |
| 30                    | 59                     | 7    |              |
|                       | 3:07                   | 8    |              |
|                       | 14                     | 7    |              |
|                       | 21                     | 7    |              |
|                       | 27                     | 6    |              |
|                       | 32                     | 5    |              |
|                       | 38                     | 6    |              |
|                       | 45                     | 7    |              |
|                       | 52                     | 7    |              |
|                       | 4:00                   | 8    |              |
| 40                    | 07                     | 7    |              |
|                       | 14                     | 7    |              |
|                       | 22                     | 8    |              |
|                       | 30                     | 8    |              |
|                       | 40                     | 10   |              |
|                       | 47                     | 11   |              |
|                       | 5:00                   | 13   |              |
|                       | 09                     | 9    | Conn         |
|                       | <del>12</del> 17       | 5    |              |
|                       | 22                     | 5    |              |
| 50                    | 28                     | 6    |              |

| DEPTH                 | TIME O'CLOCK          | MIN. | REMARKS |
|-----------------------|-----------------------|------|---------|
| <del>3000</del><br>51 | <del>5:28</del><br>33 | 5    |         |
|                       | 37                    | 4    |         |
|                       | 42                    | 5    |         |
|                       | 47                    | 5    |         |
|                       | 52                    | 5    |         |
|                       | 57                    | 5    | w.o.p.  |
|                       | <del>12</del> 17      | 4    |         |
|                       | 21                    | 4    |         |
|                       | 25                    | 4    |         |
| 60                    | 27                    | 2    |         |
|                       | 28                    | 1    |         |
|                       | 29                    | 1    |         |
|                       | 32                    | 3    |         |
|                       | 35                    | 3    |         |
|                       | 40                    | 5    |         |
|                       | 44                    | 4    |         |
|                       | 48                    | 4    |         |
|                       | 53                    | 5    |         |
|                       | 59                    | 5    |         |
| 70                    | 2:03                  | 5    |         |
|                       | 06                    | 3    |         |
|                       | 10                    | 4    |         |
|                       | 13                    | 3    |         |
|                       | 16                    | 3    |         |
|                       | 19                    | 3    |         |
|                       | 26                    | 7    |         |
|                       | 35                    | 9    |         |
|                       | <del>41</del> 46      | 5    | Conn    |
|                       | 51                    | 5    |         |
| 80                    | 55                    | 4    |         |
|                       | 8:01                  | 6    |         |
|                       | 05                    | 4    |         |
|                       | 11                    | 6    |         |
|                       | 16                    | 5    |         |
|                       | 22                    | 6    |         |
|                       | 26                    | 4    |         |
|                       | 28                    | 2    |         |
|                       | 31                    | 3    |         |
|                       | 36                    | 5    |         |
| 90                    | 38                    | 2    |         |
|                       | 40                    | 2    |         |
|                       | 43                    | 3    |         |
|                       | 49                    | 6    |         |
|                       | 56                    | 7    |         |
|                       | 9:04                  | 8    |         |
|                       | 11                    | 7    |         |
|                       | 19                    | 8    |         |
|                       | 24                    | 5    |         |
|                       | 28                    | 4    |         |
| 3100                  | 32                    | 4    |         |

ROTARY DRILLING TIME SHEET # 803  
 KANSAS BLUE PRINT CO., WICHITA, KAN.  
 Order No. 09-281

COMPANY Johnson Oil

FARM Wienman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

COPY

DATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|-------|--------------|------|---------|
| 3100  | 9:32         | 5    |         |
| 01    | 37           | 5    |         |
|       | 42           | 5    |         |
|       | 51           | 9    |         |
|       | 1002         | 11   |         |
|       | 14           | 12   |         |
|       | 24           | 10   |         |
|       | 34           | 10   |         |
|       | 51           | 17   |         |
|       | 55           | 6    | Conn    |
| 10    | 06           | 5    |         |
|       | 28           | 6    | Pump    |
|       | 33           | 5    |         |
|       | 38           | 5    |         |
|       | 43           | 5    |         |
|       | 47           | 3    |         |
|       | 50           | 3    |         |
|       | 53           | 3    |         |
|       | 57           | 4    |         |
|       | 12:01        | 4    |         |
| 20    | 06           | 5    |         |
|       | 11           | 5    |         |
|       | 15           | 4    |         |
|       | 18           | 3    |         |
|       | 21           | 3    | Pump    |
|       | 21:47        | 2    |         |
|       | 48           | 1    |         |
|       | 49           | 1    |         |
|       | 52           | 3    |         |
|       | 54           | 2    |         |
| 30    | 56           | 2    |         |
|       | 59           | 3    |         |
|       | 3:03         | 4    |         |
|       | 06           | 3    |         |
|       | 13           | 2    |         |
|       | 21           | 8    |         |
|       | 30           | 9    |         |
|       | 39           | 9    |         |
|       | 56           | 17   |         |
|       | 4:08         | 12   | Conn.   |
|       | 4:18         | 3    |         |
|       | 20           | 2    |         |
|       | 22           | 2    |         |
|       | 24           | 2    |         |
|       | 26           | 2    |         |
|       | 31           | 5    |         |
|       | 35           | 4    |         |
|       | 40           | 5    |         |
|       | 45           | 5    |         |
|       | 50           | 5    |         |
| 3150  | 55           | 5    |         |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|-------|--------------|------|---------|
| 3150  | 4:55         | 5    |         |
| 51    | 5:00         | 5    |         |
|       | 05           | 5    |         |
|       | 10           | 5    |         |
|       | 16           | 6    |         |
|       | 22           | 6    |         |
|       | 28           | 6    |         |
|       | 34           | 6    |         |
|       | 40           | 6    |         |
|       | 47           | 7    |         |
| 60    | 53           | 6    |         |
|       | 5:58         | 5    |         |
|       | 6:03         | 5    |         |
|       | 04           | 1    |         |
|       | 06           | 2    |         |
|       | 07           | 1    |         |
|       | 08           | 1    |         |
|       | 09           | 1    |         |
|       | 11           | 2    |         |
|       | 15           | 4    |         |
| 70    | 20           | 5    | Conn.   |
|       | 6:27         | 1    |         |
|       | 28           | 1    |         |
|       | 29           | 1    |         |
|       | 30           | 1    |         |
|       | 31           | 1    |         |
|       | 31 1/2       | 1/2  |         |
|       | 32           | 1/2  |         |
|       | 33           | 1    |         |
|       | 34           | 1    |         |
| 80    | 35           | 1    |         |
|       | 35 1/2       | 1/2  |         |
|       | 36           | 1/2  |         |
|       | 37           | 1    |         |
|       | 38           | 1    |         |
|       | 39           | 1    |         |
|       | 41           | 2    |         |
|       | 42           | 1    |         |
|       | 43           | 1    |         |
|       | 45           | 2    |         |
| 90    | 47           | 2    |         |
|       | 49           | 2    |         |
|       | 51           | 2    |         |
|       | 56           | 5    |         |
|       | 7:01         | 5    |         |
|       | 08           | 7    |         |
|       | 14           | 6    |         |
|       | 20           | 6    |         |
|       | 29           | 9    |         |
|       | 37           | 8    |         |
| 3200  | 47           | 10   |         |

ROTARY DRILLING TIME SHEET # 603  
KANSAS BLUE PRINT CO., WICHITA, KAN.  
Order No. 09-281

COMPANY Johnson oil

FARM Wienman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

COPY

DATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|-------|--------------|------|---------|
| 3200  | 7:47         | 11   |         |
| 01    | 7:58         | 11   |         |
|       | 8:08         | 10   | Conn.   |
|       | 8:16         | 3    |         |
|       | 18           | 2    |         |
| 05    | 20           | 2    |         |
|       | 22           | 2    |         |
|       | 26           | 4    |         |
|       | 32           | 6    |         |
|       | 39           | 7    |         |
| 3210  | 46           | 7    |         |
|       | 53           | 7    |         |
|       | 9:00         | 7    |         |
|       | 07           | 7    |         |
|       | 14           | 7    |         |
| 15    | 22           | 8    |         |
|       | 30           | 8    |         |
|       | 39           | 9    |         |
|       | 47           | 8    |         |
|       | 54           | 7    |         |
| 3220  | 10:01        | 7    |         |
|       | 08           | 7    |         |
|       | 15           | 7    |         |
|       | 22           | 7    |         |
|       | 31           | 9    |         |
| 25    | 41           | 10   |         |
|       | 51           | 10   |         |
|       | 11:01        | 10   |         |
|       | 11           | 10   |         |
|       | 27           | 16   |         |
| 3230  | 46           | 19   |         |
|       | 12:08        | 14   |         |
|       | 31           | 23   |         |
|       | 46           | 15   | Conn.   |
|       | 5:00         | 7    |         |
| 35    | 05           | 5    |         |
|       | 13           | 8    |         |
|       | 18           | 5    |         |
|       | 22           | 4    |         |
|       | 28           | 6    |         |
| 3240  | 33           | 5    |         |
|       | 37           | 4    |         |
|       | 44           | 7    |         |
|       | 51           | 7    |         |
|       | 58           | 7    |         |
| 45    | 2:06         | 8    |         |
|       | 13           | 7    |         |
|       | 21           | 8    |         |
|       | 30           | 9    |         |
|       | 40           | 10   |         |
| 3250  | 45           | 5    |         |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|-------|--------------|------|---------|
| 3250  | 2:45         | 4    |         |
| 51    | 49           | 4    |         |
|       | 55           | 6    |         |
|       | 3:02         | 7    |         |
|       | 08           | 6    |         |
| 55    | 14           | 6    |         |
|       | 21           | 7    |         |
|       | 27           | 6    |         |
|       | 35           | 8    |         |
|       | 43           | 8    |         |
| 3260  | 52           | 9    |         |
|       | 58           | 6    |         |
|       | 4:04         | 6    |         |
|       | 09           | 5    |         |
|       | 14           | 5    |         |
| 65    | 17           | 4    |         |
|       | 25           | 4    |         |
|       | 30           | 5    |         |
|       | 34           | 4    |         |
|       | 39           | 5    |         |
| 3270  | 44           | 5    |         |
|       | 49           | 5    |         |
|       | 54           | 5    |         |
|       | 59           | 5    |         |
|       | 5:05         | 6    |         |
| 75    | 11           | 6    |         |
|       | 17           | 6    |         |
|       | 25           | 5    |         |
|       | 31           | 5    |         |
|       | 34           | 3    |         |
|       | 37           | 4    |         |
| 3280  | 40           | 3    |         |
|       | 47           | 7    |         |
|       | 54           | 7    |         |
|       | 6:01         | 7    |         |
|       | 06           | 5    |         |
| 85    | 12           | 6    |         |
|       | 19           | 7    |         |
|       | 25           | 6    |         |
|       | 31           | 6    |         |
|       | 37           | 6    |         |
| 3290  | 44           | 7    |         |
|       | 51           | 7    |         |
|       | 59           | 8    |         |
|       | 7:07         | 8    |         |
|       | 16           | 8    |         |
| 95    | 23           | 7    | hook up |
|       | 27           | 4    |         |
|       | 36           | 5    |         |
|       | 40           | 4    |         |
|       | 45           | 5    |         |
| 3700  | 50           | 5    |         |

ROTARY DRILLING TIME SHEET # 803  
 KANSAS BLUE PRINT CO., WICHITA, KAN.  
 Order No. 09-281

COMPANY Johnson Oil Co.

FARM Weinman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS.

CONTRACTOR Helberg

SIZE HOLE

DRILL PIPE

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

DATE

| DEPTH           | TIME O'CLOCK     | MIN. | REMARKS |
|-----------------|------------------|------|---------|
| <del>3300</del> | <del>150</del>   |      |         |
| 01              | 55               | 5    |         |
|                 | 59               | 4    |         |
|                 | 8 03             | 4    |         |
|                 | 07               | 4    |         |
| 05              | 10               | 3    |         |
|                 | 14               | 4    |         |
|                 | 18               | 4    |         |
|                 | 21               | 3    |         |
|                 | 25               | 4    |         |
| 3310            | 30               | 5    |         |
|                 | 35               | 5    |         |
|                 | 41               | 6    |         |
|                 | 46               | 5    |         |
|                 | 52               | 6    |         |
| 15              | 58               | 6    |         |
|                 | 9 03             | 5    |         |
|                 | 09               | 6    |         |
|                 | 14               | 5    |         |
|                 | 19               | 5    |         |
| 3320            | 24               | 5    |         |
|                 | 29               | 5    |         |
|                 | 34               | 5    |         |
|                 | 40               | 6    |         |
|                 | 46               | 6    |         |
| 25              | 52               | 6    |         |
|                 | <del>56 59</del> | 3    | Conn    |
|                 | 1 00             | 4    |         |
|                 | 06               | 3    |         |
|                 | 09               | 3    |         |
| 3330            | 13               | 4    |         |
|                 | 17               | 4    |         |
|                 | 21               | 4    |         |
|                 | 25               | 4    |         |
|                 | 28               | 3    |         |
| 35              | 32               | 4    |         |
|                 | 35               | 3    |         |
|                 | 39               | 4    |         |
|                 | 44               | 5    |         |
|                 | 48               | 4    |         |
| 3340            | 52               | 4    |         |
|                 | 57               | 5    |         |
|                 | 11 01            | 4    |         |
|                 | 04               | 7    |         |
|                 | 14               | 6    |         |
| 45              | 19               | 5    |         |
|                 | 23               | 4    |         |
|                 | 27               | 4    |         |
|                 | 32               | 5    |         |
|                 | 37               | 5    |         |
| 3350            | 41               | 4    |         |

| DEPTH           | TIME O'CLOCK     | MIN. | REMARKS   |
|-----------------|------------------|------|-----------|
| <del>3350</del> | <del>11 41</del> |      |           |
| 51              | 46               | 5    | mix 3 Gel |
|                 | 49               | 5    | 1 Starch  |
|                 | 51               | 2    | 2 Hulls   |
|                 | 55               | 4    |           |
| 55              | <del>12 01</del> | 04   | 3         |
|                 | 08               | 4    |           |
|                 | 10               | 2    |           |
|                 | 13               | 3    |           |
|                 | 17               | 4    |           |
| 3360            | 21               | 4    |           |
|                 | 27               | 6    |           |
|                 | 33               | 6    |           |
|                 | 38               | 5    |           |
|                 | 44               | 6    |           |
| 65              | 49               | 5    |           |
|                 | 54               | 5    |           |
|                 | 59               | 5    |           |
|                 | 1 02             | 5    |           |
|                 | 5                | 3    |           |
| 3370            | 8                | 3    |           |
|                 | 11               | 3    |           |
|                 | 14               | 3    |           |
|                 | 19               | 5    |           |
|                 | 25               | 6    |           |
| 75              | 32               | 7    |           |
|                 | 37               | 5    |           |
|                 | 41               | 4    |           |
|                 | 45               | 4    |           |
|                 | 52               | 7    |           |
| 3380            | 58               | 6    |           |
|                 | 2 05             | 7    |           |
|                 | 11               | 6    |           |
|                 | <del>15 19</del> | 4    | Conn      |
|                 | 25               | 6    |           |
| 85              | 31               | 6    |           |
|                 | 36               | 5    |           |
|                 | 42               | 6    |           |
|                 | 48               | 6    |           |
|                 | 54               | 6    |           |
| 3390            | 59               | 5    |           |
|                 | 3 02             | 3    |           |
|                 | 06               | 4    |           |
|                 | 11               | 5    |           |
|                 | 14               | 3    |           |
| 95              | 20               | 6    |           |
|                 | 27               | 7    |           |
|                 | 32               | 5    |           |
|                 | 38               | 6    |           |
|                 | 44               | 6    |           |
| 3400            | 49               | 5    |           |

ROTARY DRILLING TIME SHEET # 503  
 KANSAS BLUE PRINT CO. WICHITA, KAN. 09-281

COMPANY Johnson Oil Co.

FARM Weinman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS.

CONTRACTOR Helberg

SIZE HOLE

DRILL PIPE

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

DATE

| DEPTH           | TIME O'CLOCK    | MIN. | REMARKS      |
|-----------------|-----------------|------|--------------|
| <del>3400</del> | <del>3:49</del> | 6    |              |
| 01              | 3:55            | 6    |              |
|                 | 4:01            | 6    |              |
|                 | 08              | 7    |              |
|                 | 13              | 5    |              |
| 05              | 17              | 4    |              |
|                 | 21              | 5    |              |
|                 | 29              | 7    |              |
|                 | 34              | 5    |              |
|                 | 41              | 7    |              |
| 3410            | 50              | 9    |              |
|                 | 57              | 7    |              |
|                 | 5:01            | 4    |              |
|                 | 07              | 6    |              |
|                 | 14              | 7    | Conn. ✓ Rig  |
| 15              | <del>5:23</del> | 3    |              |
|                 | 31              | 5    |              |
|                 | 35              | 4    |              |
|                 | 40              | 5    |              |
|                 | 45              | 5    |              |
| 3420            | 52              | 7    |              |
|                 | 58              | 6    |              |
|                 | 6:07            | 9    |              |
|                 | 16              | 9    |              |
|                 | 23              | 7    |              |
| 25              | 28              | 5    | Open hopper  |
|                 | 35              | 7    |              |
|                 | 44              | 9    | Close hopper |
|                 | 52              | 8    |              |
|                 | 58              | 6    |              |
| 3430            | 7:05            | 7    |              |
|                 | 14              | 9    |              |
|                 | 23              | 9    |              |
|                 | 31              | 8    |              |
|                 | 40              | 9    |              |
| 35              | 49              | 9    |              |
|                 | 58              | 9    |              |
|                 | 8:08            | 10   |              |
|                 | 19              | 11   |              |
|                 | 28              | 9    |              |
| 3440            | 37              | 9    |              |
|                 | 45              | 8    |              |
|                 | 52              | 7    |              |
|                 | 59              | 7    |              |
|                 | 9:08            | 9    |              |
| 45              | 17              | 9    | Conn.        |
|                 | <del>9:27</del> | 4    |              |
|                 | 32              | 5    |              |
|                 | 38              | 6    |              |
|                 | 44              | 6    |              |
| 3450            | 50              | 6    |              |

| DEPTH           | TIME O'CLOCK    | MIN. | REMARKS |
|-----------------|-----------------|------|---------|
| <del>3470</del> | <del>9:50</del> | 7    |         |
| 51              | 9:57            | 7    |         |
|                 | 10:03           | 6    |         |
|                 | 10              | 7    |         |
|                 | 17              | 7    |         |
| 55              | 24              | 7    |         |
|                 | 31              | 7    |         |
|                 | 39              | 8    |         |
|                 | 48              | 9    |         |
|                 | 55              | 7    |         |
| 3460            | 11:06           | 11   |         |
|                 | 16              | 10   |         |
|                 | 29              | 13   |         |
|                 | 39              | 10   |         |
|                 | 47              | 8    |         |
| 65              | 54              | 7    |         |
|                 | 59              | 5    |         |
|                 | 12:05           | 6    |         |
|                 | 10              | 5    |         |
|                 | 15              | 5    |         |
| 3470            | 20              | 5    |         |
|                 | 25              | 5    |         |
|                 | 30              | 5    |         |
|                 | 36              | 6    |         |
|                 | 42              | 6    |         |
| 75              | 49              | 7    |         |
|                 | 55              | 6    | Conn.   |
|                 | <del>57</del>   | 4    |         |
|                 | 07              | 5    |         |
|                 | 14              | 7    |         |
| 3480            | 22              | 8    |         |
|                 | 29              | 7    |         |
|                 | 36              | 7    |         |
|                 | 42              | 6    |         |
|                 | 47              | 5    |         |
| 85              | 55              | 8    |         |
|                 | 2:04            | 9    |         |
|                 | 12              | 8    |         |
|                 | 19              | 7    |         |
|                 | 28              | 9    |         |
| 3490            | 36              | 8    |         |
|                 | 44              | 8    |         |
|                 | 52              | 8    |         |
|                 | 3:00            | 8    |         |
|                 | 08              | 8    |         |
| 95              | 16              | 8    |         |
|                 | 25              | 9    |         |
|                 | 36              | 11   |         |
|                 | 45              | 10   |         |
|                 | 55              | 10   |         |
| 3500            | 4:00            | 5    |         |

ROTARY DRILLING TIME SHEET # 803  
KANSAS BLUE PRINT CO., WICHITA, KAN. Order No. 09-281



COMPANY Johnson oil

FARM Wienman

WELL NO. B-2

SEC. TWP. .RGE. LOC.

COUNTY Phillips

STATE KS

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

COPY

DATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS      |
|-------|--------------|------|--------------|
| 2900  | 3:48         | 2    |              |
| 01    | 50           | 2    |              |
|       | 53           | 3    |              |
|       | 55           | 2    |              |
|       | 58           | 3    |              |
|       | 4:01         | 3    |              |
|       | 04           | 3    |              |
|       | 06           | 2    |              |
|       | 08           | 2    |              |
|       | 10           | 2    |              |
| 10    | 12           | 2    |              |
|       | 14           | 2    |              |
|       | 17           | 3    |              |
|       | 19           | 2    |              |
|       | 22           | 3    |              |
|       | 25           | 3    |              |
|       | 28           | 3    |              |
|       | 30           | 2    |              |
|       | 32           | 2    |              |
|       | 35           | 3    |              |
| 20    | 37           | 2    |              |
|       | 42           | 5    |              |
|       | 47           | 5    |              |
|       | 52           | 5    | Conn. - Rig  |
|       | 4:58         | 2    |              |
|       | 04           | 4    |              |
|       | 09           | 5    |              |
|       | 12           | 3    |              |
|       | 15           | 3    |              |
|       | 19           | 4    |              |
| 30    | 23           | 4    |              |
|       | 28           | 5    |              |
|       | 33           | 5    |              |
|       | 38           | 5    |              |
|       | 44           | 6    | open hopper  |
|       | 50           | 6    |              |
|       | 56           | 6    |              |
|       | 6:03         | 7    |              |
|       | 11           | 8    |              |
|       | 18           | 8    | Close hopper |
| 40    | 27           | 8    |              |
|       | 33           | 6    |              |
|       | 39           | 6    |              |
|       | 43           | 4    |              |
|       | 48           | 5    |              |
|       | 52           | 4    |              |
|       | 54           | 2    |              |
|       | 56           | 2    |              |
|       | 7:02         | 6    |              |
|       | 10           | 8    |              |
| 50    | 18           | 8    |              |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|-------|--------------|------|---------|
| 2950  | 7:18         | 7    |         |
| 51    | 25           | 7    |         |
|       | 31           | 6    |         |
|       | 39           | 8    |         |
|       | 46           | 7    | Conn.   |
|       | 7:51         | 7    |         |
|       | 53           | 2    |         |
|       | 55           | 2    |         |
|       | 58           | 3    |         |
|       | 8:02         | 4    |         |
| 60    | 04           | 2    |         |
|       | 07           | 3    |         |
|       | 10           | 3    |         |
|       | 12           | 2    |         |
|       | 14           | 2    |         |
|       | 17           | 3    |         |
|       | 19           | 2    |         |
|       | 21           | 2    |         |
|       | 23           | 2    |         |
|       | 26           | 3    |         |
| 70    | 32           | 6    |         |
|       | 39           | 7    |         |
|       | 46           | 7    |         |
|       | 53           | 7    |         |
|       | 58           | 5    |         |
|       | 9:00         | 2    |         |
|       | 06           | 6    |         |
|       | 12           | 6    |         |
|       | 21           | 9    |         |
|       | 30           | 9    |         |
| 80    | 37           | 7    |         |
|       | 44           | 7    |         |
|       | 51           | 7    |         |
|       | 58           | 7    |         |
|       | 10:05        | 7    | Conn.   |
|       | 10:15        | 4    |         |
|       | 19           | 4    |         |
|       | 24           | 5    |         |
|       | 30           | 6    |         |
|       | 35           | 5    |         |
| 90    | 40           | 5    |         |
|       | 45           | 5    |         |
|       | 51           | 6    |         |
|       | 56           | 5    |         |
|       | 11:01        | 5    |         |
|       | 5            | 4    |         |
|       | 10           | 5    |         |
|       | 15           | 5    |         |
|       | 20           | 5    |         |
|       | 25           | 5    |         |
| 3000  | 28           | 3    |         |

ROTARY DRILLING TIME SHEET # 503 Recorder No. 09-281 KANSAS BLUE PRINT CO., WICHITA, KANS.

COMPANY Johnson Oil

FARM Weinman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE Ks.

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

COPY

DATE

| DEPTH           | TIME O'CLOCK     | MIN. | REMARKS   |
|-----------------|------------------|------|-----------|
| <del>2700</del> | <del>10:40</del> |      |           |
| <del>01</del>   | <del>43</del>    | 3    |           |
|                 | 47               | 4    |           |
|                 | 52               | 5    |           |
|                 | 55               | 3    |           |
| 05              | 58               | 3    |           |
|                 | 11:02            | 4    |           |
|                 | 05               | 3    |           |
|                 | 8                | 3    |           |
|                 | 11               | 3    |           |
| 2710            | 14               | 3    | Conn. Rig |
|                 | <del>25</del> 28 | 3    |           |
|                 | 30               | 2    |           |
|                 | 32               | 2    |           |
|                 | 34               | 2    |           |
| 15              | 36               | 2    |           |
|                 | 38               | 2    |           |
|                 | 40               | 2    |           |
|                 | 42               | 2    |           |
|                 | 45               | 3    |           |
| 2720            | 49               | 4    |           |
|                 | 54               | 5    |           |
|                 | 59               | 5    |           |
|                 | 12:03            | 4    |           |
|                 | 07               | 4    |           |
| 25              | 11               | 4    |           |
|                 | 14               | 3    |           |
|                 | 18               | 4    |           |
|                 | 23               | 5    |           |
|                 | 28               | 5    |           |
| 2730            | 32               | 4    |           |
|                 | 36               | 4    |           |
|                 | 41               | 5    |           |
|                 | 45               | 4    |           |
|                 | 48               | 3    |           |
| 35              | 51               | 3    |           |
|                 | 55               | 4    |           |
|                 | 57               | 2    |           |
|                 | 59               | 2    |           |
|                 | 1:02             | 3    |           |
| 2740            | 05               | 3    | hook up   |
|                 | <del>10</del>    | 1    |           |
|                 | 11               | 1    |           |
|                 | 12               | 1    |           |
|                 | 12 1/2           | 1/2  |           |
| 45              | 13               | 1/2  |           |
|                 | 14               | 1    |           |
|                 | 16               | 2    |           |
|                 | 19               | 3    |           |
|                 | 23               | 4    | W.O.P.    |
| 2750            | <del>40</del> 44 | 4    |           |

| DEPTH           | TIME O'CLOCK       | MIN. | REMARKS |
|-----------------|--------------------|------|---------|
| <del>2750</del> | <del>1:44</del>    |      |         |
| <del>57</del>   | <del>48</del>      | 4    |         |
|                 | 54                 | 6    |         |
|                 | 59                 | 5    |         |
|                 | 2:03               | 4    |         |
| 55              | 09                 | 6    | W.O.P.  |
|                 | <del>4:19</del> 23 | 4    |         |
|                 | 27                 | 4    |         |
|                 | 32                 | 5    |         |
|                 | 36                 | 4    |         |
| 2760            | 40                 | 4    |         |
|                 | 45                 | 5    |         |
|                 | 50                 | 5    |         |
|                 | 55                 | 5    |         |
|                 | 59                 | 4    |         |
| 65              | 5:02               | 3    |         |
|                 | 6                  | 4    |         |
|                 | 9                  | 3    |         |
|                 | 13                 | 4    |         |
|                 | 17                 | 4    |         |
| 2770            | 22                 | 5    |         |
|                 | 27                 | 5    | hook up |
|                 | <del>30</del> 34   | 4    |         |
|                 | 39                 | 5    |         |
|                 | 42                 | 3    |         |
| 75              | 46                 | 4    |         |
|                 | 50                 | 4    |         |
|                 | 54                 | 4    |         |
|                 | 57                 | 3    |         |
|                 | 6:00               | 3    |         |
| 2780            | 03                 | 3    |         |
|                 | 08                 | 5    |         |
|                 | 12                 | 4    |         |
|                 | 16                 | 4    |         |
|                 | 19                 | 3    |         |
| 85              | 21                 | 2    |         |
|                 | 24                 | 3    |         |
|                 | 28                 | 4    |         |
|                 | 32                 | 4    |         |
|                 | 37                 | 3    |         |
| 2790            | 41                 | 4    |         |
|                 | 44                 | 3    |         |
|                 | 47                 | 3    |         |
|                 | 53                 | 6    |         |
|                 | 59                 | 6    |         |
| 95              | 7:04               | 5    |         |
|                 | 09                 | 5    |         |
|                 | 14                 | 5    |         |
|                 | 19                 | 5    |         |
|                 | 25                 | 6    |         |
| 2800            | 30                 | 5    |         |

ROTARY DRILLING TIME SHEET # 603  
KANSAS BLUE PRINT CO., WICHITA, KAN.  
Recorder No. 09-281

RECEIVED  
STATE CORPORATION COMMISSION  
FEB 26 1923  
CONSERVATION DIVISION  
Wichita, Kansas

COMPANY Johnson Oil

FARM Wienman

WELL NO. B-2

SEC. TWP. RGE. LOC.

COUNTY Phillips

STATE KS

CONTRACTOR Helberg

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 6

LENGTH STROKE 12

COPY

DATE

| DEPTH              | TIME O'CLOCK      | MIN. | REMARKS    |
|--------------------|-------------------|------|------------|
| <del>2800</del> 01 | <del>730</del> 34 | 4    |            |
|                    | 38                | 4    | hookup     |
|                    | <del>44</del> 47  | 3    |            |
|                    | 51                | 4    |            |
|                    | 54                | 3    |            |
|                    | 59                | 5    |            |
|                    | 703               | 4    |            |
|                    | 08                | 5    |            |
|                    | 12                | 4    |            |
| 10                 | 15                | 3    |            |
|                    | 19                | 3    |            |
|                    | 22                | 4    |            |
|                    | 26                | 4    |            |
|                    | 32                | 4    |            |
|                    | 36                | 4    |            |
|                    | 40                | 4    |            |
|                    | 45                | 5    |            |
|                    | 50                | 5    |            |
|                    | 55                | 5    |            |
| 20                 | 900               | 5    |            |
|                    | 05                | 5    |            |
|                    | 10                | 5    |            |
|                    | 15                | 5    |            |
|                    | 20                | 5    |            |
|                    | 25                | 5    |            |
|                    | 29                | 4    |            |
|                    | 30                | 1    |            |
|                    | 31                | 1    |            |
|                    | 33                | 2    |            |
| 30                 | 35                | 2    |            |
|                    | 36                | 1    |            |
|                    | 37                | 1    |            |
|                    | 42                | 5    |            |
|                    | <del>49</del> 49  | 4    | Conn & Set |
|                    | 12                | 3    | mix Mud    |
|                    | <del>19</del> 23  | 4    |            |
|                    | 27                | 4    |            |
|                    | 31                | 4    |            |
|                    | 35                | 4    |            |
| 40                 | 38                | 3    |            |
|                    | 42                | 4    |            |
|                    | 46                | 4    |            |
|                    | 50                | 4    |            |
|                    | 53                | 3    |            |
|                    | 55                | 2    |            |
|                    | 58                | 3    |            |
|                    | 1100              | 2    |            |
|                    | 03                | 3    |            |
|                    | 06                | 3    |            |
| 50                 | 09                | 3    |            |

| DEPTH              | TIME O'CLOCK       | MIN. | REMARKS |
|--------------------|--------------------|------|---------|
| <del>2850</del> 51 | 9                  | 3    |         |
|                    | 12                 | 3    |         |
|                    | 15                 | 3    |         |
|                    | 19                 | 4    |         |
|                    | 23                 | 4    |         |
| 55                 | 27                 | 4    |         |
|                    | 30                 | 3    |         |
|                    | 33                 | 3    |         |
|                    | 37                 | 4    |         |
|                    | 40                 | 3    |         |
| 2860               | 44                 | 4    |         |
|                    | 48                 | 4    |         |
|                    | 53                 | 5    |         |
|                    | 58                 | 5    |         |
|                    | <del>1202</del> 08 | 3    | Conn    |
| 65                 | 11                 | 3    |         |
|                    | 13                 | 2    |         |
|                    | 14                 | 1    |         |
|                    | 16                 | 2    |         |
|                    | 20                 | 4    |         |
| 2870               | <del>51</del> 54   | 3    |         |
|                    | 57                 | 4    |         |
|                    | <del>147</del> 49  | 2    |         |
|                    | 52                 | 3    |         |
|                    | <del>239</del> 32  | 2    |         |
| 75                 | 34                 | 2    |         |
|                    | 37                 | 3    |         |
|                    | 40                 | 3    |         |
|                    | 43                 | 3    |         |
|                    | 46                 | 3    |         |
| 2880               | 48                 | 2    |         |
|                    | 52                 | 4    |         |
|                    | 54                 | 2    |         |
|                    | 56                 | 2    |         |
|                    | 58                 | 2    |         |
| 85                 | 3:00               | 2    |         |
|                    | 02                 | 2    |         |
|                    | 04                 | 2    |         |
|                    | 06                 | 2    |         |
|                    | 07                 | 1    |         |
| 2890               | 09                 | 2    |         |
|                    | 11                 | 2    |         |
|                    | 13                 | 2    |         |
|                    | 16                 | 3    |         |
|                    | <del>5:25</del> 27 | 3    | Conn    |
| 2895               | 31                 | 2    |         |
|                    | 32                 | 1    |         |
|                    | 35                 | 3    |         |
|                    | 40                 | 5    |         |
|                    | 45                 | 5    |         |
| 2900               | 48                 | 3    |         |

ROTARY DRILLING TIME SHEET \* 505 \* Recorder No. 09-281  
KANSAS BLUE PRINT CO., WICHITA, KAN.

25 Gel

Close Hopper

Close Hopper