



SIDE TWO

Operator Name Hummel Corporation Lease Name Ricke Estate Well # 4

150'w C NE SE  
 Sec. 12 Twp. 32 Rge. 11  East  West County. Barber County

| Estimated Production Per 24 Hours | Oil | Gas     | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|---------|-------|---------------|---------|
| 100 Bbls                          | MCF | 15 Bbls | CFPB  | 36.8          |         |

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

Formation Description

Log  Sample

DST #1 : 3605 - 3623 (Douglas LM)  
 OP 20/60, Gas to surface in 2 mins.,  
 GA 47,200 CFG in 10 mins. Oil to surface in 13 mins.  
 Rec. 120' HO&GCM (Below circulating sub; 28° gravity oil)  
 SIP 1267, FP 923/1064 HP 1802/1782 BHT 113°  
 DST #2: 3722 - 3734 (Lansing),  
 OP 45-60-60-90, Rec. 840' Gas in pipe  
 160' O&GCM (30% oil), 90' water (CHL 85,000 PPM)  
 SIP 811/771, FP 50/81 111/182 HP 1963/1943  
 BHT 114°

| Name       | Top  | Bottom  |
|------------|------|---------|
| Onaga SH   | 2523 | (-995)  |
| Wabaunsee  | 2572 | (-1044) |
| Tarkio LS  | 2732 | (-1204) |
| Elgin SH   | 3367 | (-1839) |
| Heebner    | 3552 | (-2024) |
| Douglas LS | 3601 | (-2073) |
| Douglas SH | 3637 | (-2109) |
| Lansing    | 3716 | (-2188) |
| ETD        | 3732 |         |
| RTD        | 3780 |         |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

3604 - 3609

CASING RECORD  New  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           | 1 1/4"            | 8-5/8"                    | 23#            | 224'          | Common         | 200         | 2% Gel 2% CC               |
| Production        | 7-7/8"            | 5 1/2"                    | 14#            | 3779'         | 60/40 Poz      | 100         | 10% salt; 3/4 1% D-31      |

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

| Shots Per Foot | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used)       | Depth   |
|----------------|---|--|---------|
| 4              | 3604 - 3609                                 | 500 gals. 15% FE. acid                   | 3604-09 |
|                |   | 1500 gals. gel-pad produced wtr.         | 3604-09 |
|                |   | 2000 gals. 15% FE. acid; 1000 gals. over |         |
|                |   | Flush of oil                             |         |

| TUBING RECORD | Size   | Set At | Packer at | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|--------|--------|-----------|-----------|---|
|               | 2-3/8" | 3639'  | None      |           |   |

Date of First Production | Producing Method  
 December 20, 1984 |  Flowing  Pumping  Gas Lift  Other (explain).....