API No. 15-1881-20274

County: Pottawatomie

1320' E of SE corner of Section 39, Twp. 35 S, Sec. 29, Rge. 23 E

Lease Name: Schild

Field Name: Goodland Gas Field

Producing Formation: Niobrara

Elevation: Ground Level 3631', XDB 3636'

Section Plate

<table>
<thead>
<tr>
<th>Section Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
</tr>
</tbody>
</table>

WATER SUPPLY INFORMATION

Disposition of Produced Water: Repurposing

Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717

Division of Water Resources Permit #... W.A. ...

Groundwater... Ft North from Southeast Corner of (Well)...

Surface Water... Ft West from Southeast Corner of (Stream, pond etc.)...

City of Goodland...

(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers' time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit OP-11 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Bill Coffey

Nancy K. Lay

Notary Public

Date Commission Expires: January 30, 1989
### WELL LOG

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.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formation Description</th>
<th>Log</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Niobrara</td>
<td>1006</td>
<td>+2630</td>
</tr>
<tr>
<td>Base Beecher Island</td>
<td>1038</td>
<td>+2598</td>
</tr>
</tbody>
</table>

### CASING RECORD

- New
- Used

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in G.D.)</th>
<th>Weight Lbs/Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th>#Sacks Used</th>
<th>Percent Additives</th>
</tr>
</thead>
</table>
| Surface Production | 8-3/8" | 8-5/8" | 17# | 116'
|                   | 4-1/2" | 10-5/8" | 17# | 116'
|                   | 116' | Class A | 100 | 3% CaCl2
|                   | 116' | Thixotropic | 50 |

### PERFORATION RECORD

- Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

### TUBING RECORD

- Size
- Set At
- Packer at
- Liner Run
- Yes
- No

### Producing Method

- Flowing
- Pumping
- Gas Lift
- Other (explain)

### Estimated Production

- Per 24 Hours

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Method of Completion

- Open Hole
- Perforation
- Other (Specify)
- Doubly Completed
- Commingled

<table>
<thead>
<tr>
<th>Disposition of gas:</th>
<th>Vented</th>
<th>Sold</th>
<th>Used on Lease</th>
</tr>
</thead>
</table>

### Production Interval

- 1022-38' Niobrara
**CONTRACT CONDITIONS**

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

**PRICE BOOK REF. NO.**

<table>
<thead>
<tr>
<th>PRICE BOOK REF. NO.</th>
<th>SERVICES/MATERIAL</th>
<th>U/M</th>
<th>QUANTITY</th>
<th>PRICE</th>
<th>EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SERVICE REPRESENTATIVE**

[Signature]

**CHECK IF CON-**

**TINUATION USED**

THIS IS NOT AN INVOICE. THIS CONTRACT IS SUBJECT TO REVIEW AND CORRECTION BY OUR ACCOUNTING DEPT.
Date: 5-20-87  
Company: DXD Production  
Lease: Slight  
County: Goodland IN-YE-N  
Location:  

**CEMENTING LOG**  
15-181-20374-00-00  

**CEMENT DATA:**  
Spacer Type:  
Amt.   Sks Yield   ft³/sk Density   PPG  
LEAD: Pump Time   hrs.   Type Lite Weight  
Amt   Sks Yield   ft³/sk Density   PPG  
TAIL: Pump Time   hrs.   Type Surplus  
Amt   Sks Yield   ft³/sk Density   PPG  
WATER: Lead   gals/sk Tail   gals/sk Total   Bbls.  

**Pump Trucks Used:**  
Bulk Equip.  T-27 + B-19  

**Drill Pipe:**  
Size   Weight   Collars  

**CAPACITY FACTORS:**  
Casing:   Bbls/Lin. ft.   0.189  
Open Holes: Bbls/Lin. ft.  
Drill Pipe: Bbls/Lin. ft.  
Annulus: Bbls/Lin. ft.  
Perforations: From   ft.   to   ft.   Amt.  

**COMPANY REPRESENTATIVE:**  

**TIME**  
AM/PM   PRESSURES PSI  
5 p.m.  
7:45 a.m.  
8 a.m.  

**FLUID PUMPED DATA**  
AM/PM   DRILL PIPE Casing   ANNULUS   TOTAL FLUID   Pumped Per Time Period   RATE Bbls/Min.  

**REMARKS**  
On Location  
Set up  
Mix Cement & Displace plus  
To Hydrant  
Cement old Circulator  

**FINAL DISP. PRESS:**   PSI  
BUMP PLUG TO   PSI  
BLEEDBACK   Bbls.  

Form No. SR 0502 (Rev. 7/85)  
Note: Must accompany job ticket.