**API NO. 15-**

**OSBORNE**

**County**

**State**

**Entr. No.** 2310

**Footage Calculated from Nearest Outside Section Corner:**

**Well Name** LOUISE BADER

**Field Name** WILDCAT CHEYENNE GAP NORTH

**Producing Formaion** KANSAS CITY (DRY)

**Elevation:**

Ground 1681

Reserve Pit 1686

**Total Depth**

PBDT 3250

**Amount of Surface Pipe Set and Cemented at**

206 Feet

**Multiple Stage Cementing Collar Used?**

Yes

**If yes, show depth set**

N/A

**If Alternate II completion, cement circulated from**

N/A

**Drilling Fluid Management Plan**

Ant. II Dia.

(Data must be collected from the Reserve Pit)

**Chloride content**

ppm

**Fluid volume**

bbls

**Dewatering method used**

EVAPORATION

**Location of fluid disposal if hauled offsite:**

Koo 6-27-97

**Operator Name**

JUN 24

**License No.**

**Lease Name**

**Comp. Date**

**Old Total Depth**

**Deepening**

**Re-perf.**

**Conv. to Inj/SWD**

**Plug Back**

**Commingled Docket No.**

**Dual Completion Docket No.**

**Other (SWD or Inj) Docket No.**

5-11-97

5-18-97

5-18-97

**Spud Date**

**Date Reached TD**

**Completion Date**

---

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 legs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 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**

Mary L. Brungardt

**Title**

Owner

**Date**

6-26-97

K.C.C. OFFICE USE ONLY

F  
Letter of Confidentiality Attached
C  
Wireline Log Received
C  
Geologist Report Received

**Distribution**

KCC

SUD/Rep

NGPA

**SPECIFY**

RUBY M. NOWAK

**Notary Public**

Date Commission Expires 6-15-99

**Subscribed and sworn to before me this 26th day of June 1997**

**Notary Public**

RUBY M. NOWAK

**Date Commission Expires 6-15-99**
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 X Yes □ No (Attach Additional Sheets.)
Samples Sent to Geological Survey X Yes □ No
Cores Taken □ Yes X No
Electric Log Run X Yes □ No (Submit Copy.)
List All Logs Run:
• RADIATION GUARD LOG
• SEE ATTACHED COPY OF DRILL-STEM TEST
  SEE ATTACHED GEOLOGIST REPORT FOR ADDITIONAL INFORMATION

---

### CASING RECORD

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (In. O.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
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<tbody>
<tr>
<td>SURFACE</td>
<td>8 5/8</td>
<td>22 1b</td>
<td>206</td>
<td>60/40</td>
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### ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom Type of Cement # Sacks Used Type and Percent Additives |
|----------|----------------------|--------------------------|-----------------|---------------------------|
| Perforate|                      |                          |                 |                           |
| Protect Casing |                |                          |                 |                           |
| Plug Back To |                 |                          |                 |                           |
| Plug Off Zone |                |                          |                 |                           |

### PERFORATION RECORD - Bridge Plugs Set/Type

<table>
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<th>Shots Per Foot</th>
<th>Specify Footage of Each Interval Perforated</th>
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### ACID, Fracture, Shot, Cement Squeeze Record

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<th>(Amount and Kind of Material Used)</th>
<th>Depth</th>
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### TUBING RECORD

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<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes □ No</th>
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### Production Data

<table>
<thead>
<tr>
<th>Date of First, Resumed Production, SUD or Inj.</th>
<th>Producing Method: □ Flowing □ Pumping □ Gas Lift □ Other (Explain)</th>
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<table>
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<tr>
<th>Estimated Production Per 24 Hours</th>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Sds.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
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### Method of Completion

<table>
<thead>
<tr>
<th>Disposition of Gas:</th>
<th>Producer Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Vented □ Sold □ Used on Lease</td>
<td>□ Open Hole □ Perf. □ Dummy Casing</td>
</tr>
</tbody>
</table>

---
SWIFT FORMATION TESTERS
1309 VAN FLEET PHONE 793-5177
GREAT BEND, KANSAS 67530

DATE 5-17-97

COMPANY Bruunard Oil & Leasing 15-141-20336-00-00

ADDRESS Box 871 Russell, KS 67665

LEASE Louise Bader WELL NO. 1 COUNTY Osborne

DEPTH 2915 TESTED FROM 2873 TO 2915 TEST NO. 1

TOOL JT. 4 1/2 FM SIZE HOLE 7 7/8 SIZE PACKER 6 7/8 MIS-RUN NO.

INITIAL HYD. 1414 ft FINAL HYD. 1454 ft SUCCESSFUL NO.

INITIAL SHUT-IN HR. 30 MIN.: TOOL OPEN HR. 0 MIN.: FINAL SHUT-IN HR. 30 MIN.

INVOICES SENT TO:

CONFIDENTIAL

INITIAL FLOW PERIOD 36 MINUTES

BLOW: (WEEK ENDING JUNE 24)

REMARKS:

RECOVERY: 5’ Oil Spueded Mud

INITIAL SHUT-IN PRESSURE 282# INITIAL FLOW PRESSURE 42 1/2# FINAL FLOW PRESSURE 42 1/2#

FINAL SHUT-IN PRESSURE 56# FIELD ORDER NO. PRICE OF JOB ALL 

EXTRA EQUIPMENT OPERATOR TIME

SWIFT FORMATION TESTERS

APPROVED BY: B. O. [Signature]

TICKET NO 5883

RELEASED SEP 16 1998

RELEASED FROM CONFIDENTIAL
SWIFT FORMATION TESTERS
1309 VAN FLEET PHONE 793-5177
GREAT BEND, KANSAS 67530

COMPANY: Bruncaup Oil & Leasing

ADDRESS: Russell, KS

LEASE: Louise Baden

WELL NO.: 1

COUNTY: Osborne

DEPTH: 2965

TESTED FROM: 2507 TO 2965

TEST NO.: 1

TOOL JT: 4½

SIZE HOLE: 7 7/8

SIZE PACKER: 6 3/4

MIS-RUN NO.

INITIAL HYD: 1472 ft.

FINAL HYD: 1410 ft.

SUCCESSFUL NO.

INITIAL SHUT-IN: 30 MIN.

TOOL OPEN: 30 MIN.

FINAL SHUT-IN: 30 MIN.

INVOICES SENT TO: CONFIDENTIAL

INITIAL FLOW PERIOD: 30 MINUTES

BLOW: Weak Turn-Out 1st Mon - Fair Decreasing 2nd

REMARKS:

RECOVERY: 70% Watery Mud

FINAL SHUT-IN PRESSURE: 1096 ft.

INITIAL FLOW PRESSURE: 49 - 49 ft.

FIELD ORDER NO.

FINAL FLOW PRESSURE: 57 - 57 ft.

PRICE OF JOB: $600

EXTRA EQUIPMENT

OPERATOR TIME

SWIFT FORMATION TESTERS Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY:

OUR REPRESENTATIVE

TICKET NO: 5884

RELEASED

SEP 16 1998

FROM CONFIDENTIAL
TO: Brungardt Oil & Leasing  
P. O. Box 871  
Russell, KS 67665

SERVICE AND MATERIALS AS FOLLOWS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common 84 sks</td>
<td>1</td>
<td>$6.10</td>
<td>$512.40</td>
</tr>
<tr>
<td>Pozmix 56 sks</td>
<td>1</td>
<td>$3.15</td>
<td>176.40</td>
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<tr>
<td>GEI 2 sks</td>
<td>1</td>
<td>$9.50</td>
<td>19.00</td>
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<tr>
<td>Chloride 4 sks</td>
<td>1</td>
<td>$28.00</td>
<td>112.00</td>
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<tr>
<td>Handling 140 ssk</td>
<td>1</td>
<td>$1.05</td>
<td>147.00</td>
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<tr>
<td>Mileage (40) @$.04¢ per sk epr mi</td>
<td>1</td>
<td>224.00</td>
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<tr>
<td>Surface</td>
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<td>445.00</td>
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<tr>
<td>Mi @$2.85 pmp trk chg</td>
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<td></td>
<td>114.00</td>
</tr>
<tr>
<td>l plug</td>
<td></td>
<td></td>
<td>45.00</td>
</tr>
</tbody>
</table>

Total: $1,794.80

If Account CURRENT a Discount of $_269.22_ will be Allowed ONLY if Paid Within 30 Days from Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.
To: Brungardt Oil & Leasing
P. O. Box 871
Russell, KS 67665
Plug Well

Common 90 sks @$6.10  $549.00
Pozmix 60 sks @$3.15  189.00
Gel 8 sks @$9.50    76.00

Handling 150 sks @$1.05  157.50
Mileage (42) @$0.04@ per sk perm  252.00
Plug  445.00
Mi @$2.85 pmp trk chg  119.70
1 plug    23.00

$ 814.00

Total 997.20
$1,811.20

If Account CURRENT a Discount of $ 271.68 will be Allowed ONLY if Paid Within 30 Days from Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½ % Charged Thereafter.
BRUNGARDT OIL & LEASING COMPANY
Bader # 1
SE SE NE, Section 25-8S-12W
Osborne County, Kansas

CONTRACTOR: Shields Drilling, Inc.
COMMENCED: 5-11-97
COMPLETED: 5-18-97
ELEVATIONS: 1686' K.B., 1683' D.F., 1681' G.L.
CASING PROGRAM: Surface: 8 5/8" @ 206'
MEASUREMENTS: Production: None
DRILLING TIME: All depths measured from the Kelly Bushing.
SAMPLES: One (1) foot drilling time recorded by geolog-
ELECTRIC LOG: graph, surface to the R.T.D.
FORMATION TESTING:

Samples saved 2200' to the R.T.D.
By Eli., Radiation- Guard Log.

There were two (2) drillstem tests run by Swift
Formation Testers.

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>ELECTRIC LOG DEPTH</th>
<th>SUB-SEA DATUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANHYDRITE</td>
<td>793</td>
<td>+ 893</td>
</tr>
<tr>
<td>GRAND HAVEN</td>
<td>2263</td>
<td>- 577</td>
</tr>
<tr>
<td>DOVER LIME</td>
<td>2299</td>
<td>- 613</td>
</tr>
<tr>
<td>2nd TARKIO SAND</td>
<td>2306</td>
<td>- 620</td>
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<tr>
<td>TARKIO LIME</td>
<td>2341</td>
<td>- 655</td>
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<tr>
<td>TOPEKA</td>
<td>2606</td>
<td>- 920</td>
</tr>
<tr>
<td>HEEBNER</td>
<td>2844</td>
<td>- 1158</td>
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<tr>
<td>TORONTO</td>
<td>2868</td>
<td>- 1182</td>
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<td>LANSING</td>
<td>2902</td>
<td>- 1216</td>
</tr>
<tr>
<td>BASE KANSAS CITY</td>
<td>3222</td>
<td>- 1536</td>
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</tbody>
</table>

FROM CONFIDENTIAL
BRUNGARDT OIL & LEASING COMPANY
Bader # 1
SE SE NE, SECTION 25-8S-10W
Osborne County, Kansas
Page 2

ROTARY TOTAL DEPTH 3250
ELECTRIC LOG TOTAL DEPTH 3250

(All tops and zone determinations were corrected to the electric log engineer's measurements.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TARKIO SAND SECTION
2306-2309

Sandstone, light gray, fine grain, very micaceous and glauconitic, dirty, friable, fair intergranular porosity. No shows of oil.

TOPEKA SECTION

No zones worthy of noting.

LANSONG SECTION
2902-2906

Limestone, buff, finely crystalline, chalky, no visible porosity. scattered brown stain and saturation. No free oil and a faint odor in fresh samples.

DRILL STEM TEST # 1 2873-2915
Open:
I.F. 30''
F.F. 30''

Blow:
Weak, intermittent.

Recovery:
5' of oil specked mud.

Pressures:
ISIP 282 psi
FSIP 56 psi
IFP 42-42 psi
FFP 42-42 psi
HSH 1411-1404 psi

2932-2944

Limestone, cream, finely crystalline, sub-oocastic, slightly fossiliferous, poorly developed oocastic porosity, plus abundant tan to milky chert. No shows of oil.
Limestone, gray to buff, finely crystalline, oocastic, poor spotly (barren) oocastic porosity. No shows of oil.

**DRILL STEM TEST # 2 2907-2965**

Open:
- I.F. 30'
- F.F. 30'

Blow:
- Weak, thru-out 1st open.
- Weak, decreasing 2nd open.

Recovery:
- 70' of watery mud.

Pressures:
- ISIP 996 psi
- FSIP 1084 psi
- IFP 49-49 psi
- FFP 57-57 psi
- HSHI 1422-1410 psi

3006-3015

Limestone, light gray, oocastic, good oocastic (barren) porosity. No shows of oil.

3022-3034

Limestone, as above.

3077-3081

Limestone, as above.

3122-3129

Limestone, cream oolitic to oocastic, fossiliferous, chalky, scattered (barren) oocastic porosity. No shows of oil.

3154-3162

Limestone, white to light gray, oolitic to oocastic, fossiliferous, chalky, fair fossilcast to oocastic porosity. No shows of oil.

**ROTARY TOTAL DEPTH 3250 (-1564)**

**ELECTRIC LOG TOTAL DEPTH 3250 (-1564)**
RECOMMENDATIONS: It was recommended due to the two (2) negative drill stem tests, and there being no zones worthy of any further testing, that the Bader #1 be plugged and abandoned at a total rotary depth of 3250 (-1564).

Respectfully Submitted,

Brad J. Hutchison

6/27/17
<table>
<thead>
<tr>
<th>STATE</th>
<th>COUNTY</th>
<th>BLOCK</th>
<th>SURVEY</th>
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<tbody>
<tr>
<td>Kansas</td>
<td>Bourbon</td>
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<td>SE SE NE</td>
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<th>TOTAL DEPTH</th>
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<td>Kylvan Oil Co.</td>
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<td>D.A.</td>
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### CASING RECORD

8 1/2" @ 256 ft

### SHOT-QUANTS BETWEEN

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<table>
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<th>RATE</th>
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