

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

COPY

Operator: License # 7744  
Name: SHO-BAR ENERGY INC.  
Address: 346 E. HWY 160  
City/State/Zip: HARPER KS. 67068  
Purchaser: DUKE ENERGY(GAS) LINK ENERGY(OIL)  
Operator Contact Person: HOWARD SHORT  
Phone: (820) 896-2710  
Contractor: Name: ALLEN DRILLING CO. **RECEIVED**  
License: 5418  
Wellsite Geologist: ARDEN RATZLAFF **JAN 21 2004**  
Designate Type of Completion: **KCC WICHITA**  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_  
10/04/03 10/20/03 10/31/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 119.21117.00-00  
County: MEAD  
CE SE NW Sec. 8 Twp. 35 S. R. 26 ☐ East ☒ West  
1980 feet from S N (circle one) Line of Section  
2310 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: SUTHERLAND Well #: 2-8  
Field Name: CROOKED CREEK  
Producing Formation: MORROW AND MISSISSIPPI  
Elevation: Ground: 2094 Kelly Bushing: 2104  
Total Depth: 6360 Plug Back Total Depth: 6030  
Amount of Surface Pipe Set and Cemented at 1545 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan *10-2-28-04*  
(Data must be collected from the Reserve Pit)  
Chloride content 4000 ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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 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: Howard Short  
Title: PRESIDENT Date: 1/14/04  
Subscribed and sworn to before me this 14 day of January  
20 04  
Notary Public: Deborah Hartson  
Date Commission Expires: 9-30-07

NOTARY PUBLIC, State of Kansas  
DEBORAH HARTSON  
My Comm. Exp. 9-30-07

**KCC Office Use ONLY**

☒ Letter of Confidentiality Attached  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☒ Wireline Log Received  
☒ Geologist Report Received  
☐ UIC Distribution

Operator Name: **SHO-BAR ENERGY INC.**Lease Name: **SUTHERLAND**Well #: **2-8**Sec. **8** Twp. **35** S. R. **26** ☐ East ☒ WestCounty: **MEADE**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No  
(Attach Additional Sheets)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No  
(Submit Copy)

List All E. Logs Run:

**CDL / CNL / MEL / DIL**☒ Log Formation (Top), Depth and Datum ☐ Sample

| Name           | Top  | Datum |
|----------------|------|-------|
| HEEBNER        | 4464 | 2260  |
| LANSING        | 4549 | 2343  |
| CHEROKEE       | 5576 | 3372  |
| MORROW (UPPER) | 5932 | 3728  |
| MORROW (LOWER) | 5997 | 3793  |
| CHESTER        | 6026 | 3822  |
| ST GENEVIEVE   | 6502 | 4298  |

**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 |
|-------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| CONDUCTOR         | 30"               | 20"                       | 75#               | 35'           | GROUT          | 4 1/2 YD     |                            |
| SURFACE           | 12 1/4"           | 8 5/8"                    | 24#               | 1545'         | CLASS A        | 900          | 2% GEL 3%CC                |
| PRODUCTION        | 7 5/8"            | 4 1/2"                    | 11.6#             | 6302'         | CLASS H        | 200          |                            |

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4SPF           | 6206-14 6196-6200   | 1200 GAL 15% FE   |       |
| 4SPF           | 6110-15 6084-86 6042-52 6036-40 CIBP 6180   | 200 GAL 15% FE  |       |
| 4SPF           | 6010-12 CIBP 6030   | 500 GAL FE/NE   |       |
| 4SPF           | 6002-06   | 7 1/2% HCL 2% KCL   |       |

| TUBING RECORD | Size   | Set At | Packer At | Liner Run   |
|---------------|--------|--------|-----------|---|
|               | 2 3/8" | 5913   |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

|   |   |
|---|---|
| Date of First, Resumerd Production, SWD or Enhr.<br><b>01/02/04</b> | Producing Method<br><input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
| Estimated Production Per 24 Hours                                   | Oil Bbls. 3 Gas Mcf 400 Water Bbls. Gas-Oil Ratio Gravity   |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☒ Used on Lease  
(If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled  
☐ Other (Specify)

**MORROW**  
**MISSISSIPPI**