

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 7744
Name Sho-Bar Energy, Inc.
Address Box 217
City/State/Zip Harper, Kansas 67058

Purchaser Koch Oil Co.
Wichita, Ks.

Operator Contact Person Howard Short
Phone 1-896-2710

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Terry McLeod
Phone (316) 265-6431

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/8/88 6/23/88 7-12-88
Spud Date Date Reached TD Completion Date
6,500'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1191 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice # O/I

API NO. 15-119-20,779-0000
County Meade
Approx. NW/4 NW/4 NW/4 Sec 8 Twp 35S Rge 26W East X West

4940 Ft North from Southeast Corner of Section
4940 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Sutherland Well # 1

Field Name Crooked Creek

Producing Formation Mississippi

Elevation: Ground 2225 KB 2230

Section Plat

Table with 12 columns and 12 rows representing a section plat. The top-left cell contains an 'X'. The right side of the table is labeled with elevations from 5280 to 330.

RECEIVED
STATE CORPORATION COMMISSION
10-10-1988
OCT 10 1988
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T. 88-287

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

X Surface Water 5000 Ft North from Southeast Corner (Stream) pond etc 2700 Ft West from Southeast Corner Sec 8 Twp 35S Rge 26 East X West
Gene Sutherland, Knowles, Ok. 73847
Other (explain)
(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 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 Date

Subscribed and sworn to before me this 7 day of Oct 1988

Notary Public

Date Commission Expires 12/31/1989

Leslie Johnson
NOTARY PUBLIC
State of Kansas
MY COM. EXPIRES

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
10-10-88
Form ACO-1 (5-86)

Sec. 8, Twp 35 Rge 26W

Operator Name Sho-Bar Energy, Inc. Lease Name Sutherland Well # 1

Sec. 8 Twp. 35S Rge. 26W East West County Meade

RELEASED

WELL LOG

MAR 07 1990

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 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| Cores Taken | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |

| Name | Top | Bottom |
|--------------|------|--------|
| Heebner | 4475 | |
| Lansing | 4633 | |
| Swope | 5227 | |
| Marmaton | 5392 | |
| Cherokee Sh | 5588 | |
| Atoka | 5793 | |
| Morrow Shale | 5944 | |
| Morrow Sand | 6013 | |
| Miss Chester | 6045 | |
| Miss St Gen | 6453 | |
| TD | 6495 | |

| CASING RECORD <input checked="" type="checkbox"/> New & <input checked="" type="checkbox"/> 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 | 12 1/4" | 8 5/8" | 24# | 1,201' | Lite Cotton | 325 150 | 3% CC 3% CC |
| Production | 7 7/8" | 4 1/2" | | 6,499' | 50/50 Poz 10% Gileonite | 260 | 18% Salt 75% CFR2, |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| A | 6456-6462 | | | 1250 gal | MCA-Fe | | |
| | | | | 5000 " | SGA | | |
| | | | | 500 " | MSA | | |
| TUBING RECORD | | Size | Set At | Packer at | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| | | 2 3/8" | 6480 | | | | |
| Date of First Production | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | N/A | | | | 40 | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION

Production Interval

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