

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4894
Name: Horseshoe Operating, Inc.
Address: 500 W. Texas, Suite 11980
City/State/Zip: Midland, Tx 79701
Purchaser: Duke
Operator Contact Person: S. L. Burns
Phone: (915) 683-1448
Contractor: Name: Cheyenne Drilling
License: _____
Wellsite Geologist: _____

Designate Type of Completion:
____ 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. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>03-26-02</u> | <u>03-28-02</u> | <u>05-15-02</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 071-207520000
County: Greeley
S/2 - SW NE Sec. 33 Twp. 19 S. R. 39 East West
2310 feet from S / (N) (circle one) Line of Section
1980 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Sandifer Well #: 2

Field Name: Bradshaw
Producing Formation: Winfield
Elevation: Ground: 3514 Kelly Bushing: 3519
Total Depth: 2854 Plug Back Total Depth: 2850
Amount of Surface Pipe Set and Cemented at 5 jts @ 221 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2852
feet depth to surface w/ 675 sx cmt.

Drilling Fluid Management Plan ALG 11 8/4 7.9.02
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

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: S. L. Burns
Title: Vice-President Date: 6-28-02
Subscribed and sworn to before me this 28 day of June,
19 2002.
Notary Public: Debbie Franklin
Date Commission Expires: 8-4-2005

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

Operator Name: Horseshoe Operating, Inc. Lease Name: Sandifer Well #: 2
 Sec. 33 Twp. 19 S. R. 39 East West County: Greeley

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 <input type="checkbox"/> Yes No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes No Cores Taken Yes No Electric Log Run Yes No <i>(Submit Copy)</i> List All E. Logs Run: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Log Name</th> <th style="width:40%;">Formation (Top), Depth and Datum</th> <th style="width:30%;">Sample Datum</th> </tr> <tr> <td>Base Stone Corral</td> <td>2454'</td> <td>(+1065)</td> </tr> <tr> <td>Winfield</td> <td>2807'</td> <td>(+712)</td> </tr> <tr> <td>Top Winfield Porosity</td> <td>2812'</td> <td>(+707)</td> </tr> <tr> <td>Base Winfield Porosity</td> <td>2827'</td> <td>(+692)</td> </tr> </table> | Log Name | Formation (Top), Depth and Datum | Sample Datum | Base Stone Corral | 2454' | (+1065) | Winfield | 2807' | (+712) | Top Winfield Porosity | 2812' | (+707) | Base Winfield Porosity | 2827' | (+692) |
|--|---|--------------|----------------------------------|--------------|-------------------|-------|---------|----------|-------|--------|-----------------------|-------|--------|------------------------|-------|--------|
| Log Name | Formation (Top), Depth and Datum | Sample Datum | | | | | | | | | | | | | | |
| Base Stone Corral | 2454' | (+1065) | | | | | | | | | | | | | | |
| Winfield | 2807' | (+712) | | | | | | | | | | | | | | |
| Top Winfield Porosity | 2812' | (+707) | | | | | | | | | | | | | | |
| Base Winfield Porosity | 2827' | (+692) | | | | | | | | | | | | | | |

| 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 | 12-1/4" | 8-5/8" | 24 | 221 | C | 175 | 2%cc 1/4#floseal |
| Production | 7-7/8" | 4-1/2" | 10.5 | 2852 | C | 675 | 1/4# floseal |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 1 | 2816 - 28' | 500 gals 7-1/2% HCL | |
| | | 8000# 20/40 | |
| | | 4000# 12/20 | |
| | | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run | Yes | No |
|---------------|--------|--------|-----------|-----------|-----|----|
| | 2-3/8" | 2842 | | | | |

| | | | | | | |
|--|------------------|---|-------------|-----------------|---------|--|
| Date of First, Resumed Production, SWD or Enhr. 6/27/02 | Producing Method | | | | | |
| | Flowing | <input checked="" type="checkbox"/> Pumping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | |
| | | 80 | 110 | | | |

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.)

Other (Specify) _____