

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 # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 E. Central, Suite 100
City/State/Zip: Wichita, Kansas 67207
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 618-4632
Contractor: Name: Duke Drilling #1
License: 5929
Wellsite Geologist: Steve McClain/Wayne Lebsack
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: Bill Chew
Well Name: KLEPPER SE #2
Original Comp. Date: 11/1990 Original Total Depth: 3660'
☐ 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.
RU:6/20/2003 11/07/1990 RD:7/1/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-22,735-00-01
County: Stafford
C W/2 SE SE Sec. 17 Twp. 22 S. R. 11 ☐ East ☒ West
660 feet from S N (circle one) Line of Section
990 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: KLEPPER SE "OWWO" Well #: 2-17
Field Name: Shepherd
Producing Formation: Simpson & Arbuckle
Elevation: Ground: 1823' Kelly Bushing: 1828'
Total Depth: 3660' Plug Back Total Depth: 3640'
Amount of Surface Pipe Set and Cemented at 264' 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 Workover 8-6-03
(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: Loverness Mearje
Title: Petroleum Geologist Date: 7/24/2003
Subscribed and sworn to before me this 24th day of July, 2003
Betty B. Herring
Notary Public: Betty B. Herring
Date Commission Expires: 04/30/2006

KCC Office Use ONLY

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

Operator Name: F.G. Holl Company, L.L.C. Lease Name: KLEPPER SE "OWWO" Well #: 2-17
Sec. 17 Twp. 22 S. R. 11 ☐ East ☒ West County: Stafford

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 ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☒ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

See original ACO-1

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See original ACO-1

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 | | 8-5/8" | | 264' | | 165sx | |
| Production | | 5-1/2" | | 3665' | | 150sx | |
| | | | | | | | |

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 BSPF | 3506,12,20,24,30 & 35' Simpson Sand | Treat w/ 1250 gal 7-1/2% MIRA acid | |
| | | Frac w/ 16,000# 20/40 Ottawa Sand & | |
| | | 14,000 # 12/20 Brady Sand | |
| | CIBP set @ 3640' | | |
| | 3566'-3586' Arbuckle "Existing" | Retreat w/ 1500 gal 15% DSFE acid. | |

| TUBING RECORD | Size Set At | Packer At | Liner Run |
|---------------|-------------|-----------|--|
| 2-7/8" | 3599' | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

| | | | | | |
|---|-------------------|---|-------------|---------------|---------|
| Date of First, Resumed Production, SWD or Enhr. 7/1/2003 | | Producing Method <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. 21.4 | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled 3506'-3586' Simpson/Arbuckle
☐ Other (Specify) _____