CONFIDENTIAL 3/24/09

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed
3/20/10

# 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 67206
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: ( 316 ) 684-8481, Ext. 206
Contractor: Name: Duke Drilling Company, Inc., Rig #5
License: 5929
Wellsite Geologist: Ryan Greenbaum
Designate Type of Completion:
____ New Well ____ Re-Entry ✓ Workover
✓ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 23 2009
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL
MAR 20 2009
KCC

If Workover/Re-entry: Old Well Info as follows:
Operator: F.G. Holl Company, L.L.C.
Well Name: ESFELD 2-14
Original Comp. Date: 03/31/2008 Original Total Depth: 3875'
____ 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: 2/19/2009 | 03/21/2008 | RD: 3/4/2009 |
|---|---|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 185-23,513-0000 /
County: Stafford. 150' W. OF
__C__ - E/2 - SW Sec. 14 Twp. 21 S. R. 14 ☐ East ☑ West
1320 feet from (S) / N (circle one) Line of Section
1830 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: ESFELD "OWWO" Well #: 2-14
Field Name: Rychlec
Producing Formation: Lansing Kansas City
Elevation: Ground: 1928' Kelly Bushing: 1939'
Total Depth: 3875' Plug Back Total Depth: 3815'
Amount of Surface Pipe Set and Cemented at 818 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** WO NJ 12-28-09
*(Data must be collected from the Reserve Pit)*
Chloride content 2500 ppm Fluid volume 1000 bbls
Dewatering method used Hauled free fluids to SWD
Location of fluid disposal if hauled offsite:
Operator Name: John J. Darrah
Lease Name: ANSHUTZ SWD License No.: 5088
Quarter NE Sec. 15 Twp. 21 S. R. 14 ☐ East ☑ West
County: Stafford Docket No.: D-17,893

**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: Loveness Mpanje Loveness Mpanje
Title: Petroleum Geologist Date: 3/20/2009

Subscribed and sworn to before me this 20th day of March 2009,
THe State of Kansas; Sedgwick County
20____.
Notary Public: Betty H. Spotswood
Date Commission Expires: 04/30/2010

Notary Public - State of Kansas
BETTY H. SPOTSWOOD
My Appointment Expires 4/30/2010

**KCC Office Use ONLY**
Y
____ Letter of Confidentiality Received
If Denied, Yes ☐ Date: ____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

*Side Two*

Operator Name: F.G. Holl Company, L.L.C. Lease Name: ESFELD "OWWO" Well #: 2-14

Sec. 14 Twp. 21 S. R. 14 ☐ East ☑ West County: Stafford. 150' W. OF

**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 (W/ ORIG. ACO-1 - 0000 REC.) ☑ Yes ☐ No
*(Submit Copy)*

List All E. Logs Run:

DIL/ML
CNL/CDL
BHCS/Sector bond

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

Name Top Datum

See original

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# | 818' | A-Con | 175sx | |
| | | | | | Common | 175sx | |
| Production | 7-7/8" | 5-1/2" | 14# | 3870' | AA-2 | 125sx | |

FROM 0000 REC.

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|---|---|---|---|
| ___ Perforate<br>___ Protect Casing<br>___ Plug Back TD<br>✓ Plug Off Zone | 3745' - 3764' | Common | 50sx | Diesel fuel |
| | | | | |

| 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 |
|---|---|---|---|
| 2 SPF | 3745' - 3750', 3756' - 3764' Arbuckle | 500 gal15% dsfe acid. Squeeze entire zone. | |
| 2 SPF | Reperf Arbuckle 3750' - 3762' | 250 gal 15% dsfe acid. | |
| 4 SPF | 3561' - 3566' LKC | | |
| | | | |
| | CIBP @ 3702' | | |

TUBING RECORD Size 2-7/8" Set At 3657' Packer At Liner Run ☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr. March 5, 2009 Producing Method ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | 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 3561' - 3566' LKC

☐ Other *(Specify)* _____

3/24/09

# BASIC energy services, L.P.

## TREATMENT REPORT

| | | | | | |
|---|---|---|---|---|---|
| Customer: T.G. Hall Company, LLC | Lease No. | | Date: 2-25-09 | | |
| Lease: Esfeld | Well #: 2-14 | | | | |
| Field Order #: 19,290 | Station: Pratt | Casing: 5½ 14Lb | Depth: 3815 Feet | County: Stafford | State: KS |
| Type Job: C.C.S.P.W. - Squeeze Perforations | | Formation: Arbuckle | | Legal Description: 14-21S-14W | |

| PIPE DATA | | PERFORATING DATA | | USED | TREATMENT RESUME | | |
|---|---|---|---|---|---|---|---|
| Casing Size: 5½" 14Lb | Tubing Size: 2⅞" | Shots/Ft | | Cement: 50 sacks Common | RATE | PRESS | ISIP |
| Depth: 3815 Ft. | Depth: 3,657 Ft. | From | To | 13Lb./Gal. | Max | | 5 Min. |
| Volume: 13 Bbl. | Volume: 21.2 Bbl. | From | To | | Min | | 10 Min. |
| Max Press: 500 P.S.I. | Max Press: 1,500 P.S.I. | From | To | | Avg | | 15 Min. |
| Well Connection: 8 7/8" | Annulus Vol.: 60 Bbl. | From | To | | HHP Used | | Annulus Pressure |
| Plug Depth: NA | Packer Depth: 3,657 Ft. | From | To | Flush: 21.2 Bbl. | Gas Volume: Fresh Water | | Total Load |

Customer Representative: Rob Long | Station Manager: David Scott | Treater: Clarence R. Messick

CONFIDENTIAL
MAR 20 2009
KCC

| Service Units | 19,870 | 19,806 | 19,960 | 19,918 | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Driver Names | Messick | Shanline | McGuire | | | | | | |
| Time P.M. | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log | | | | |
| 12:30 | | | | | Trucks on location and hold safety meeting. | | | | |
| 1:14 | -0- | | | 3 | Start to fill Annulas. | | | | |
| | 500 | | 14.5 | | Annulas full. Pressure up and shut it in. | | | | |
| 1:24 | | | | 3 | Start to fill tubing. | | | | |
| | | 200 | 3 | 4 | Tubing full. Pumping steady. Pump 4 Bbl. Diesel. | | | | |
| | | 200 | | 4 | Start mixing 50 sacks Diesel Cement. | | | | |
| | | 1,000 | 12 | 2 | Start Diesel Spacer Displacement. | | | | |
| | | 1,000 | 6 | 1.5 | Start Fresh water Displacement. | | | | |
| 2:08 | 500 | 1,500 | 15 | | Stop pumping. Well holding pressure. | | | | |
| | 500 | | | 3 | Unset packer and start to reverse out. | | | | |
| | | | 25 | | Well clean. Run 5 Joints. | | | | |
| | 500 | | | 3 | Start to Reverse out below perforations. | | | | |
| | | | 40 | | Well Clean. Pull 10 Joints and set packer. | | | | |
| | | 500 | | | Pressure up on tubing and shut in Well. | | | | |
| 3:30 | | | | | Wash up pump truck. | | | | |
| | | | | | Job Complete. | | | | |
| | | | | | Thank You. | | | | |
| | | | | | Clarence, Paul, Corey | | | | |

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 23 2009
CONSERVATION DIVISION
WICHITA, KS