

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

15-047-00001-00-02

Operator: License # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 E. Central, Suite 100
City/State/Zip: Wichita, Kansas 67206-2543
Purchaser: NCRA & Rolling Thunder Gas Gathering
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: _____
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: F.G. Holl Company, L.L.C.

Well Name: EMBRY 1-23
Original Comp. Date: 8/21/1948 Original Total Depth: 4593'

____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
 Commingled Docket No. 070303
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

RE: 05/29/2003 08/1948 RD: 06/02/2003
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - Well Drilled 8/1948
County: Edwards
C W/2 NW SW Sec. 23 Twp. 24 S. R. 16 East West
2110 feet from (S) N (circle one) Line of Section
330 feet from E (W) (circle one) Line of Section

ORIGINAL

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: EMBRY Well #: 1-23

Field Name: Wildcat
Producing Formation: LKC & Mississippi
Elevation: Ground: 1956 Kelly Bushing: 2062'
Total Depth: 4593 Plug Back Total Depth: 4260'

Amount of Surface Pipe Set and Cemented at _____ 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 on 7-25-03
(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: Louness Mpanje
Title: Petroleum Geologist

Date: 06/09/2003

Subscribed and sworn to before me this 26th day of June, 2003

Notary Public: Betty B. Herring

Date Commission Expires: 04/30/2006

Notary Public - State of Kansas
BETTY B. HERRING
My Appt. Exp. 4/30/2006

KCC Office Use ONLY

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

Operator Name: F.G. Holl Company, L.L.C. Lease Name: EMBRY Well #: 1-23
 Sec. 23 Twp. 24 S. R. 16 East West County: Edwards

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">Name</th> <th style="width:25%;">Top</th> <th style="width:25%;">Datum</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>3645 (-1583)</td><td></td></tr> <tr><td>Toronto</td><td>3670 (-1608)</td><td></td></tr> <tr><td>Douglas</td><td>3683 (-1621)</td><td></td></tr> <tr><td>LKC</td><td>3784 (-1722)</td><td></td></tr> <tr><td>Mississ</td><td>4210 (-2148)</td><td></td></tr> <tr><td>Kinderh.</td><td>4257 (-2195)</td><td></td></tr> <tr><td>Viola</td><td>4347 (-2285)</td><td></td></tr> <tr><td>Simpson</td><td>4489 (-2427)</td><td></td></tr> <tr><td>Arbuckle</td><td>4543 (-2481)</td><td></td></tr> <tr><td>RTD</td><td>4593 (-2531)</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Heebner	3645 (-1583)		Toronto	3670 (-1608)		Douglas	3683 (-1621)		LKC	3784 (-1722)		Mississ	4210 (-2148)		Kinderh.	4257 (-2195)		Viola	4347 (-2285)		Simpson	4489 (-2427)		Arbuckle	4543 (-2481)		RTD	4593 (-2531)	
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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		8-5/8"		301'			
Production		5-1/2"		4400'			

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
	3789'-3845' LKC		
	4209'-4234' Mississippi		
	Removed packer from above Mississippi to allow LKC to commingle with Mississippi		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4221'		<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. <u>June 14, 2003</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6.34	10	64.14		

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled	Production Interval <u>3789'-4234' LKC/Mississippi</u> <u>ducket # 070303</u>
<input type="checkbox"/> Other (Specify) _____		