

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

Operator: License # 5056
Name: F. G. Holl Company
Address 6427 E. Kellogg
P.O. Box 780167
City/State/Zip Wichita, Ks. 67278-0167

Purchaser: NCRA

Operator Contact Person: Elwyn H. Nagel
Phone (316) 684-8481

Contractor: Name: Sterling Drilling Co.
License: 5142

Wellsite Geologist: Jeff Klock

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, USW, Expl. Cathodic, etc)

If Workover/Re-Entry: old well info as follows

Operator: 4-27-93
Well Name: APR 27 1993
Comp. Date 12/31/92 Old Total Depth 1/7/93 4/23/93
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
Spud Date 12/31/92 Date Reached TD 1/7/93 Completion Date 4/23/93

API NO. 15- 185-22894 **ORIGINAL**
County Stafford
90°N & 250°E of 5 Sec. 21S Twp. 11W E
SE NW NE SW
900' FNL Feet from S/N (circle one) Line of Section
1400' FEL Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name MEYER Well # 1-5
Field Name Wildcat
Producing Formation Arbuckle
Elevation: Ground 1806 KB 1815
Total Depth 3520 PBSD 3481
Amount of Surface Pipe Set and Cemented at 218' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

Released
MAY 24 1995
If Alternate II completion cement circulated from _____
feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan DLT 5-14-93
(Data must be collected from the Reserve Pit)
Chloride content 48,000 ppm Fluid volume NA bbls
Dewatering method used Truck hauling/Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name F. G. Holl Company
Lease Name Rader License No. 5056
NE Quarter Sec. 18 Twp. 21 S Rng. 11W E/W
County Stafford Docket No. D-26,046

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 Elwyn H. Nagel
Title Elwyn H. Nagel, Manager Date 4/27/93
Subscribed and sworn to before me this 27th day of April
19 93.
Notary Public [Signature]
Date Commission Expires 8-31-93

V. JEAN FEIL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-31-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name F. G. Holl Company Lease Name MEYER Well # 1-5
 Sec. 5 Twp. 21S Rge. 11W East West
 County Stafford

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	2729	(-914)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3002	(-1187)
List All E.Logs Run:		BROWN LIME	3124	(-1309)
ZDL-CN-ML-SL	MINILOG-GR	LANSING	3144	(-1329)
DIFL-GR-AC-CAL		BKC	3373	(-1558)
BHC-AL-GR-CAL		ARBUCKLE	3405	(-1590)
SPECTRALOG		RTD	3520	(-1705)
		LTD	3518	(-1703)

CASING RECORD <input type="checkbox"/> New <input 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"	23#	218'	40/60 Poz	225	2%gel, 3%cc
PRODUCTION	7 7/8"	5 1/2"	14#	3514'	Lite	100	
					Holl Mix	125	

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	3377-3380		50	5% HADD 322	
<input checked="" type="checkbox"/> Plug Back TD			50	10% SALT	
<input checked="" type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4 SPF	3406 - 3411	Arbuckle	Acidized w/3000 gal. 15% DSFE	
4 SPF	3377 - 3380	Lansing	Acidized w/500 gal. 15% DSFE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
		2 3/8"	3418'					
Date of First, Resumed Production, SWD or Inj.			Producing Method					
4/23/93			<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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	1		0		100			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforated Dually Comp. Commingled Other (Specify)

Production Interval: 3406 - 3411

F. G. HOLL COMPANY

6427 EAST KELLOGG - P.O. BOX 780167
WICHITA, KS 67278-0167

APR 27
CONFIDENTIAL

ORIGINAL

MEYER NO. 1-5
900'FNL 1400'FEL
SEC 5-21S-11W
Stafford County, Ks.

RECEIVED
KANSAS CORPORATION COMMISSION

APR 27 1993

CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TESTS

- DST 1: 3150 - 3197, 15-30-15-30
1st Blow, Weak blow for 3 min. and died.
2nd Blow, No blow, flushed tool, good surge, no help.
IHP 1660 FHP 1649 IFP 89-78 ISIP 133 FFP 89-78 FSIP 122 BHT 104°
Rec: 40' Mud with a fair show of oil between shut-in and hydrolic tools.
- DST 2: 3370 - 3400, 30-60-60-90
1st Blow, Weak blow
2nd Blow, Weak blow
IHP 1726 FHP 1704 IFP 55-55 ISIP 998 FFP 66-66 FSIP invalid BHT 107°
Rec: 450' Gas in pipe. 30' Oil cut mud. 60' Very gassy slightly muddy oil
65% Gas 18% Oil 10% Mud 7% Water. 60' Very gassy oil cut watery mud,
22% Gas 30% Oil 28% Mud 20% Water.
- DST 3: 3387 - 3412, 30-60-60-90
1st Blow, Fair blow, Bottom of bucket in 12 min.
2nd Blow, Fair blow, Bottom of bucket in 14 min.
IHP 1760 FHP 1749 IFP 55-89 ISIP 1108 FFP 100-156 FSIP 1075 BHT 109°
Rec: 1110' Gas in pipe. 50' Clean gassy oil. 60' Gassy muddy oil,
12% Gas 50% Oil 38% Mud. 60' Very gassy muddy oil, 58% Gas 20% Oil 22% Mud
60' Muddy slight gas cut oil, 5% Gas 45% oil 52% Mud. 60' Very gassy
muddy oil, 75% Gas 12% Oil 13% Mud
- DST 4: 3412 - 3422, 30-60-60-90
1st Blow, Fair blow, Bottom of bucket in 14 min.
2nd Blow, Fair blow, Bottom of bucket in 10 min.
IHP 1771 FHP 1715 IFP 55-66 ISIP 1020 FFP 78-89 FSIP 1108 BHT 109°
Rec: 1110' Gas in pipe. 30' Clean gassy oil. 60' Very gassy slightly
muddy oil, 55% Gas 25% Oil 20% Mud. 60' Very gassy slightly mud and
water cut oil, 40% Gas 30% Oil 15% Mud 15% Water.

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

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CONFIDENTIAL

HALLIBURTON SERVICES

A Halliburton Company

DALLAS, TX 75285-1010

INVOICE NO.	DATE
324578	12/31/92

WELL LEASE NO./PLANT	ME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
		STAFFORD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE	
GREAT BEND	STERLING DRILLING CO	CEMENT PULPBACK CASING	12/31/92	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA
392900	V L THOMPSON			COMPANY TRUCK
				FILE
				417

F G HOLL
P O BOX 158
BELPRE, KS 67511

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
10 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5001

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA 1					
000-117	MILEAGE	20	MI		
		1	UNT		
001-016	CEMENTING CASING	206	FT		
		1	UNT		
030-503	WOODEN PLUG	8 5/8	IN		
		1	EA		
504-308	STANDARD CEMENT	135	SK		
506-105	POZMIX A	6860	LB		
506-121	HALLIBURTON-GEL 2%	4	LB		
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK		
500-207	BULK SERVICE CHARGE	207	NET		
500-306	MILEAGE (MIG MAT DEL OR RETURN)	207	MI		

INVOICE SUBTOTAL

DISCOUNT PERCENT
INVOICE NET AMOUNT

KANSAS STATE SALES TAX
KANSAS COUNTY SALES TAX

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APR 27 1993

CONSERVATION DIVISION
WICHITA, KS

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

TERMS: SERVICES PAYABLE NET BY THE 25TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT. PAYMENT TO BE MADE TO HALLIBURTON SERVICES ACCOUNT BY THE 15TH DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LEGAL CONTRACT RATE APPLICABLE BUT NEVER



HALLIBURTON SERVICES

INVOICE NO. 899078 DATE 01/08/1993

APR 27

Halliburton Company

WELL LEASE NO. / TITLE / NAME MEYER 1 5	WELL / PLANT LOCATION STAFFORD	STATE KS	WELL / PLANT OWNER SAME
SERVICE LOCATION GREAT BEND	CONTRACTOR STERLING DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 01/08/1993
ACCT. NO. 892900	CUSTOMER AGENT M. T. THOMPSON	VENDOR NO.	CUSTOMER P.O. NUMBER
SHIPPED VIA COMPANY TRUCK		FILE NO. 45256	

P G HOLL
P O BOX 15P
HELPER, KS 67519

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA					
000-117	MILEAGE	20	MI		
		1	UNT		
001-016	CEMENTING CASING	3515	FT		
		1	UNT		
030-018	CEMENTING PLUG SW. PLASTIC TOP	5 1/2	IN		
		1	EA		
018-317	SUPER FLUSH	12	SK		
019-241	CASING SWIVEL W/ WALL CLEANER	1	JOB		
12A	GUIDE SHOE - 5 1/2" 3RD THD.	1	EA		
825.205					
24A	INSEPT FLOAT VALVE 5 1/2" 8RD	1	EA		
815.19351					
27	FILL-UP UNIT 5 1/2" x 5 7/8"	1	EA		
815.19313					
40	CENTRALIZER 5-1/2" x 7 7/8"	4	EA		
807.98023					
503-388	SALT	400	LB		
504-318	HALLIBURTON LIGHT W STANDARD	100	SK		
504-508	STANDARD CEMENT	63	SK		
508-107	POZNIX A	4588	LB		
508-121	HALLIBURTON-GEL	2	LB		
509-988	SALT	1100	LB		
507-376	HALAL 520	79	LB		
507-310	50-200	18	LF		
507-311	50-200	505	LF		
500-500	50-200	254	LF		
500-500	50-200	217	LF		

RELEASED

MAY 2 4 1995

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KANSAS CORPORATION COMMISSION

APR 27 1993

CONSERVATION DIVISION
WICHITA, KS

TERMS: ALL SERVICES TO BE PAID BY THE 15TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE... FOLLOWING THE DATE ON WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY THE AMOUNT THEREON AFTER 15 DAYS AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE...