

ORIGINAL SIDE ONE

"TIGHT HOLE" KCC

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

API NO. 15- 007-22,357-00-00

JUN 20

RELEASED

County Barber

JUL 15 1991

SW NE Sec. 34 Twp. 30s Rge. 13w X West

CONFIDENTIAL

Operator: License # 5056

Name: F. G. HOLL COMPANY

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: Clear Creek

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Jeff Klöck

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OLD: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

3/10/91 3/20/91 4/18/91

Spud Date Date Reached TD Completion Date

2970 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

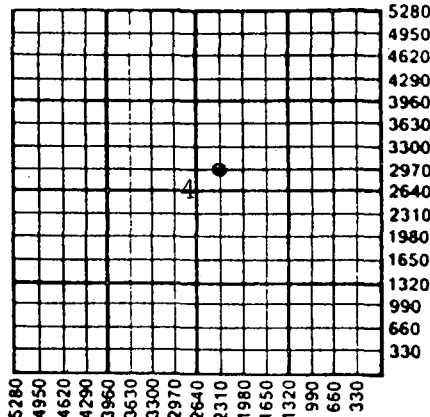
Lease Name LAMBERT "A" Well # 2-4

Field Name Jen South

Producing Formation Viola

Elevation: Ground 1883' KB 1892'

Total Depth 4760' PBTD None



Amount of Surface Pipe Set and Cemented at 1030' KB Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 6/20/91

Subscribed and sworn to before me this 20th day of June, 1991.

Notary Public V. Jean Feil

Date Commission Expires 8-31-93

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

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

"TIGHT HOLE"

SIDE TWO

Operator Name F. G. HOLL COMPANY Lease Name LAMBERT "A" Well # 2-4

Sec. 4 Twp. 30s Rge. 13w East West County Barber

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 Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Heebner	3739 (-1847)	Si Simpson SH 4613 (-2721)
Brown Lime	3920 (-2028)	Simpson SD 4621 (-2729)
Lansing	3940 (-2048)	Airbuckle 4696 (-2804)
BKC	4335 (-2443)	RTD 4760 (-2868)
Mississippi	4409 (-2517)	LTD 4760 (-2868)
Viola	4492 (-2600)	

(See attached sheet for DST information)

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
Conductor	17 1/4"	13 3/8" (N)	48#	272'KB	60/40 POZ	275	2%Gel, 3%CC
Surface	12 1/4"	8 5/8" (N)	23#	1030'KB	60/40 POZ	200	2%Gel, 3%CC
					Lite	350	
Production	7 7/8"	4 1/2" (N&U)	10.5#	4757'KB	Lite	100	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
2SPF	4494-4516 (Viola)	4516'
		SPTD: 500gls 10% MSA, PERF,
		AC: 1100gls 15% DSFE, SWB:
		2.90 BPH (100%), ERAC: 43,500
		gls MY-T-GEL III X-LK, 100sks
		100 Mesh, 260 sks 20/40sd,
		280sks 12/20sd, SWB: 11.6 BPH
		(55%O)

TUBING RECORD

Size 2" Set At 4475' Packer At None

Liner Run Yes No

Date of First Production <u>4/18/91</u>	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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		<u>50</u>			<u>38</u>			

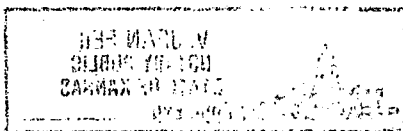
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perforation Dually Completed Commingled Other (Specify)

4494-4516
Viola



"TIGHT HOLE"

ORIGINAL

F. G. HOLL COMPANY

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

KCC

JUN 2 0

CONFIDENTIAL

ACO-1 (Continued)

"TIGHT HOLE"

LAMBERT "A" #2-4
SW SW NE
Sec 4-30s-13w
Barber County, KS
API#: 15-007-22,357

RELEASED

JUL 15 1993

FROM CONFIDENTIAL

→ DST #1 4253-4301 (Kansas City)

1) WB Dead in 7 mins. 2) NB

REC: 5' DM
5' Total Fluid

IHP: 2174 IFP: 52-31:15" ISIP: 31:30" BHT: 116F
FHP: 2125 FFP: 30-30:15" FSIP: 31:30"

→ DST #2 4327-4358 (Marmaton)

1) SBOB in 45 secs. 2) SBOB in 45 secs. GTS 5 mins into 1st SI.

2nd Opening Gas Gauge: 10 mins = 10.9 MCF 40 mins = 14.1 MCF
20 mins = 12.5 " 50 mins = 14.1 "
30 mins = 14.1 " 60 mins = 14.1 "

REC: 285' CGO
30' MO
160' HOCM (0%G, 15%O, 85%M, 0%W)
60' HOCGM (5%G, 25%O, 70%M, 0%W)
435' Total Fluid

IHP: 2243 IFP: 69-66:30" ISIP: 1451:60" BHT: 115F
FHP: 2236 FFP: 119-124:60" FSIP: 793:90"

RECEIVED
STATE COMMISSION

JUN 24 1991

CONSERVATION DIVISION
Wichita, Kansas

→ DST #3 4371-4427 (Conglomerate - Mississippi)

1) WB 12" in bucket 2) WB 6" in bucket

REC: 400' GIP
10' M w/SSO in tools
10' Total Fluid

IHP: 2269 IFP: 66-39:30" ISIP: 47:60" BHT: 116F
FHP: 22143 FFP: 43-43:60" FSIP: 48:90"

→ DST #4 4492-4525 (Viola).

1) SBOB in 30 secs. 2) SBOB in 30 secs. GTS 50 mins into 1st SI.

REC: 240' CGO
120' HO&GCM (27%G, 25%O, 48%M, 0%W)
120' SMC GO (0%G, 80%O, 20%M, 0%W)
480' Total Fluid

IHP: 2381 IFP: 82-82:30" ISIP: 715:60" BHT: 118F
FHP: 2203 FFP: 101-142:60" FSIP: 565:90"
2nd Opening: 10 mins = 4.12 MCF
20 mins = 5.32 MCF
30 mins = 5.60 MCF
40 mins = 5.60 MCF
50 mins = 5.60 MCF
60 mins = 5.60 MCF

ORIGINAL HALLIBURTON SERVICES

P.O. BOX 951047
DALLAS, TX 75395-1046

INVOICE

JUN 20

INVOICE NO.	DATE
097465	03/12/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE		WELL/PLANT OWNER	
LAMBERT "A" 2-4		BARBER		KS		F G HOLL	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE	
PRATT		STERLING DRILLING CO		CEMENT INTERMEDIATE CASING		03/12/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.	
392900	T.S. MYERS			COMPANY TRUCK		11985	

RECEIVED
STATE COMMISSION

F G HOLL
P O BOX 158
BELPRE, KS 67519

JUN 24 1991

CONSERVATION DIVISION
Wichita, Kansas

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 - MID CONTINENT					
000-117	MILEAGE	20	MI		
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	20	MI		
		1	UNT		
001-016	CEMENTING CASING	1033	FT		
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	8 5/8	IN		
		1	EA		
320	CEMENT BASKET 8 5/8"	1	EA		
800.8868					
504-316	HALLIBURTON LIGHT W/STANDARD	350	SK		
504-308	STANDARD CEMENT	120	SK		
506-105	POZMIX A	80	SK		
506-121	HALLIBURTON-GEL 2X	3	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	11	SK		
507-210	FLOCELE	88	LB		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	507.82	TMI		
500-207	BULK SERVICE CHARGE	577	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	507.82	TMI		
504-308	STANDARD CEMENT	100	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	96.40	TMI		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	192.80	TMI		
500-306	MILEAGE CMTG MAT DEL OR RETURN	96.40	TMI		
500-225	CEMENTING MATERIALS RETURNED	106	CFT		
500-207	BULK SERVICE CHARGE	212	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	192.80	TMI		
INVOICE SUBTOTAL					

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
097512	03/21/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LAMBERT 'A' 2-4		PRATT		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	STERLING DRLG #4	CEMENT PRODUCTION CASING		03/21/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	T S MEYERS			COMPANY TRUCK	12507

F G HOLL
P.O. BOX 158
BELPRE, 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 - MID CONTINENT					
000-117	MILEAGE	20	MI		
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	20	MI		
		1	UNT		
001-016	CEMENTING CASING	4757	FT		
		1	UNT		
030-016	CEMENTING PLUG SW ALOH TOP	4.5	IN		
		1	EA		
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA		
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA		
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA		
815.19113					
40	CENTRALIZER 4-1/2" MODEL S-4	4	EA		
807.93004					
320	CEMENT BASKET 4 1/2"	1	EA		
800.8881					
018-317	SUPER FLUSH	12	SK		
509-968	SALT	400	LB		
504-316	HALLIBURTON LIGHT W/STANDARD	100	SK		
504-308	STANDARD CEMENT	75	SK		
506-105	POZMIX A	75	SK		
506-121	HALLIBURTON-GEL 2X	3	SK		
509-968	SALT	1350	LB		
508-292	GILSONITE, SACKED	750	LB		
507-153	CFR-3	95	LB		
507-210	FLOCELE	19	LB		
508-085	TUF CEMENT FIBERS NO 1 (NYLON)	19	LB		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	243.05	TMI		
500-207	BULK SERVICE CHARGE	285	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	243.05	TMI		

***** CONTINUED ON NEXT PAGE *****

TERMS: INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO

ORIGINAL

HALLIBURTON SERVICES

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

KCC

INVOICE NO.	DATE
097509	03/10/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
LAMBERT "A" 2-4	PRATT RELEASED	KS	F G HOLL
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	STERLING DRILLING CO	CEMENT CONDUCTOR CASING	03/10/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
392900	T. S. MYERS	FROM	
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	11843

RECEIVED
STATE COMMISSION
JUN 24 1991
CONSERVATION DIVISION
Wichita, Kansas

F G HOLL
P O BOX 158
BELPRE, 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
000-117	MILEAGE	20	MI	[REDACTED]	[REDACTED]
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	20	MI		
		1	UNT		
001-016	CEMENTING CASING	275	FT		
		1	UNT		
030-503	TOP PLUG	13 3/8	IN		
		1	EA		
504-308	STANDARD CEMENT	275	SK		
507-277	HALLIBURTON-GEL BENTONITE	5	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	270.07	TMI		
500-207	BULK SERVICE CHARGE	301	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	270.07	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*- KANSAS STATE SALES TAX					
*- PRATT COUNTY SALES TAX					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					

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