

ORIGINAL
SIDE ONE

RELEASED
"HIGH HOLE"

KCC

JUL 15 1993

JUN 20

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

API NO. 15- 151-22,035 - ~~DD-20~~
County Pratt FROM CONFIDENTIAL/CONFIDENTIAL
156'S & 106'E of East
C NW NE Sec. 31 Twp. 29S Rge. 13W West

Operator: License # 5056

Name: F. G. HOLL COMPANY

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: Farmland

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Brent B. Reinhardt/Jeff Kloog

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If ~~OWO~~: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

2/15/91 2/25/91 3/28/91
Spud Date Date Reached TD Completion Date

4464' Ft. North from Southeast Corner of Section

1874' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

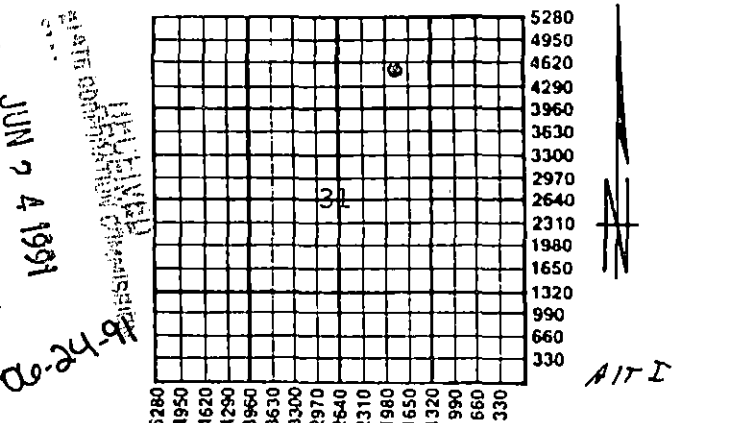
Lease Name DORIS LAMBERT "A" Well # 1-31

Field Name Jem

Producing Formation Viola

Elevation: Ground 1924' KB 1933'

Total Depth 4800' PBDT None



Amount of Surface Pipe Set and Cemented at 280' KB 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.

RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
JUN 7 4 1991
06-24-91

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, 19 91.

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

P1

SIDE TWO

Operator Name F. G. HOLL COMPANY Lease Name DORIS LAMBERT "A" Well # 1-31
 Sec. 31 Twp. 29S Rge. 13W East West
 County Pratt

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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Topeka</td> <td>3419 (-1486)</td> <td>Mississippi 4476 (-2543)</td> </tr> <tr> <td>Heebner</td> <td>3795 (-1862)</td> <td>Kinderhk SH 4505 (-2572)</td> </tr> <tr> <td>Toronto</td> <td>3815 (-1882)</td> <td>Viola 4537 (-2604)</td> </tr> <tr> <td>Douglas SH</td> <td>3841 (-1908)</td> <td>Simpson SH 4660 (-2727)</td> </tr> <tr> <td>Brown Lime</td> <td>3971 (-2038)</td> <td>Simpson SD 4670 (-2737)</td> </tr> <tr> <td>Lansing</td> <td>3992 (-2059)</td> <td>Arbuckle 4748 (-2815)</td> </tr> <tr> <td>BKC</td> <td>4380 (-2447)</td> <td>RTD 4800 (-2867)</td> </tr> <tr> <td>Marmaton</td> <td>4387 (-2454)</td> <td>LTD 4796 (-2863)</td> </tr> <tr> <td>Conglomerate</td> <td>4450 (-2517)</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Topeka	3419 (-1486)	Mississippi 4476 (-2543)	Heebner	3795 (-1862)	Kinderhk SH 4505 (-2572)	Toronto	3815 (-1882)	Viola 4537 (-2604)	Douglas SH	3841 (-1908)	Simpson SH 4660 (-2727)	Brown Lime	3971 (-2038)	Simpson SD 4670 (-2737)	Lansing	3992 (-2059)	Arbuckle 4748 (-2815)	BKC	4380 (-2447)	RTD 4800 (-2867)	Marmaton	4387 (-2454)	LTD 4796 (-2863)	Conglomerate	4450 (-2517)	
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Conglomerate	4450 (-2517)																															
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															

(See attached sheet for DST information)

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	17 1/2"	13 3/8" (N)	48#	280'KB	60/40 POZ	275	2%Gel, 3%CC
Production	7 7/8"	4 1/2" (N&U)	10.5#	4789'KB	Lite	100	Salt, Gls.
					50/50 POZ	125	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
Shots Per Foot	Specify Footage of Each Interval Perforated		
2	4551-4568 (Viola)	SPTD: 500gls 10% MSA, PERF,	4568'
		AC: 850gls 15% DSEF, SWB: 1.36	
		BPH 75% Oil, Very Gassy, REAC:	
		2000gls 15% DSEF, SWB: 5.80	
		BPH 15% Oil, FRAC: 43000gls	
		MY-T-GELL III X-LK, 200 sks	
		100 Mesh, 250 sks 20/40 sd,	240 sks
		12/20 sd, SWB: 9.28 BPH 40% Oil	

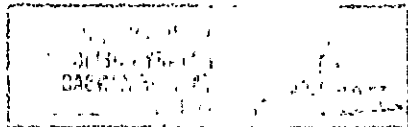
TUBING RECORD			
Size	Set At	Packer At	Liner Run
2"	4555'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
3/29/91			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gravity
	21		53

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 4551-4568
Viola



ORIGINAL
F. G. HOLL COMPANY

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

RELEASED

JUL 15 1991

KCC

JUN 20

FROM CONFIDENTIAL
"TIGHT HOLE"

CONFIDENTIAL

ACO-1 (Continued)

DORIS LAMBERT "A" #1-31
156'S & 106'E of C NW NE.
Sec 31-29s-13w
Pratt County, KS
API #: 15-151-22,035

DST #1 L:(4013-4041) Lansing "B" Zone

1) Immediate Blow, GTS in 1 min. GA: 935 MCF

GAS GAUGES:	1,187 MCF in 10"	2nd Opening:	1,421 MCF in 10"	1,316 MCF in 40"
1st Opening	1,105 " in 20"		1,316 " in 20"	1,346 " in 50"
	1,105 " in 30"		1,421 " in 30"	1,316 " in 60"

REC: 2' Clean Oil on Top

630' SOCW

632' Total Fluid

IHP: 1932	IFP: 354-409:30"	ISIP: 1452:60"	CHL: 110,000ppm
FHP: 1924	FFP: 457-471:60"	FSIP: 1411:90"	BHT: 118F

DST #2 L:(4438-4486) Conglomerate - Mississippi

1) WB 5" in bucket 2) WB 3" in bucket

REC: 60' Drilling Mud
60' Total Fluid

IHP: 2211	IFP: 66-59:30"	ISIP: 83:60"	BHT: 116F
FHP: 2190	FFP: 72-68:30"	FSIP: 96:60"	

DST #3 L:(4530-4560) Viola

1) SBOB, GTS in 8 mins. GA: 126 MCF

GAS GAUGES:	126 MCF in 10"	2nd Opening:	100 MCF in 10"	55.2 MCF in 40"
	110 " in 20"		72.4 MCF in 20"	51.4 " in 50"
	89.8 MCF in 30"		60.2 " in 30"	44.8 " in 60"

REC: 90' Drilling Mud

120' SO&GCM (3%G, 5%O, 92%M)

120' G&OCWM (8%G, 52%O, 15%W)

330' Total Fluid

IHP: 2304	IFP: 78-75:30"	ISIP: 511:60"	BHT: 118F
FHP: 2184	FFP: 84-95:60"	FSIP: 458:90"	

DST #4 L:(4650-4675) Simpson Sand

1) WB 3 1/4" in bucket 2) WB 2 1/2" in bucket

REC: 450' GIP

30' Slt Oil Spkd Mud (1% Oil)

480' Total Fluid

IHP: 2405	IFP: 60-51:30"	ISIP: 202:60"	BHT: 118F
FHP: 2385	FFP: 66-61:30"	FSIP: 191:60"	

RELEASED
STATE DOCUMENTS COMMISSION
JUN 24 1991
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

RELEASED

HALLIBURTON SERVICES

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

INVOICE

JUL 15 1991

JUN 20

INVOICE NO. DATE

04201 02/26/1991

CONFIDENTIAL

WELL LEASE NO./PLANT NAME

WELL/PLANT LOCATION

STATE

WELL PLANT OWNER

LAMBERT DORIS A 1-31

PRATT

KS

SAME

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

PRATT

STERLING 44

CEMENT PRODUCTION CASING

02/26/1991

ACCT. NO.

CUSTOMER AGENT

VENDOR NO.

CUSTOMER P.O. NUMBER

SHIPPED VIA

FILE NO.

392900 V L THOMPSON

COMPANY TRUCK 11015

DIRECT CORRESPONDENCE TO:

F G HOLL
P O BOX 158
BELPRE, KS 67519

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	4800	FT		
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	4.5	IN		
		1	EA		
018-317	SUPER FLUSH	12	SK		
509-968	SALT	400	LB		
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					
504-316	HALLIBURTON LIGHT W/STANDARD	100	SK		
504-308	STANDARD CEMENT	63	SK		
506-105	POZMIX A	62	SK		
506-121	HALLIBURTON-GEL 2Z	2	SK		
509-968	SALT	100	LB		
508-292	GILSONITE, SACKED	50	LB		
507-153	CFR-3	79	LB		
507-210	FLOCELE	16	LB		
508-085	TUF CEMENT FIBERS NO 1 (NYLON)	16	LB		
500-307	MILEAGE SURCHARGE-CEMENT MAT.	217.91	TMI		
500-207	BULK SERVICE CHARGE	255	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	217.91	TMI		

CONSERVATION DIVISION
Wichita, Kansas

JUN 24 1991

***** 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 MORE THAN 1% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO



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

INVOICE

HALLIBURTON SERVICES

INVOICE NO.	DATE
097455	02/15/199

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
LAMBERT DORIS "A" 1-31		PRATT		KS	SAME	
SERVICE LOCATION	CONTRACTOR	JOB/PURPOSE			TICKET DATE	
PRATT	STERLING DR LG #4	CEMENT SURFACE CASING			02/15/199	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
392900	V L THOMPSON			COMPANY TRUCK	1046	

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	283	FT		
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	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.	268.47	TMI		
500-207	BULK SERVICE CHARGE	301	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	268.47	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*- KANSAS STATE SALES TAX					
*- PRATT COUNTY SALES TAX					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					

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 MORE THAN 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO