

ORIGINAL

SIDE ONE

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

API NO. 15- 047-21,361-0000

County Edwards

SW SW NW Sec. 3 Twp. 24s Rge. 17w East West

2970 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name F. MASSEY Well # 4-3

Field Name Wildcat

Producing Formation None

Elevation: Ground 2097' KB 2106'

Total Depth 4450' PBDT None

Operator: License # 5056

Name: F. G. Holl Company

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: None

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Brent B. Reinhardt

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If ~~CMO~~ old well info as follows:

Operator: _____

Well Name: _____

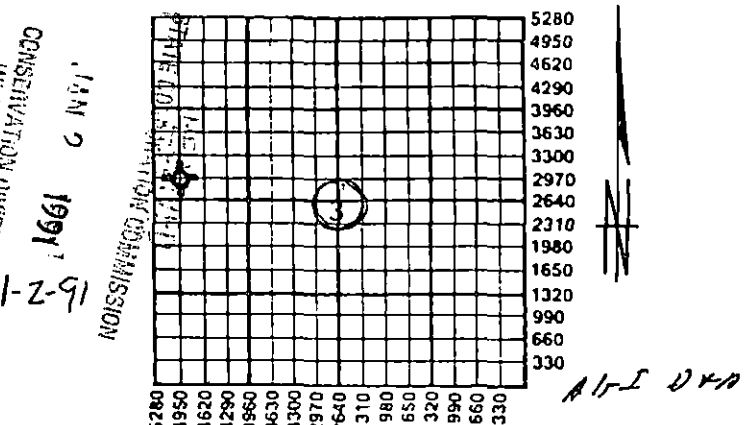
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8/10/90 8/15/90 8/16/90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 317' 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 cnt.

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.

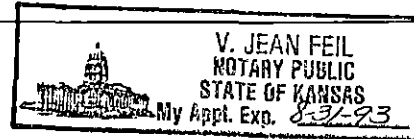
Signature Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 12/28/90

Subscribed and sworn to before me this 28th day of December, 1990.

Notary Public V. Jean Feil

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name F. G. Holl Company Lease Name F. MASSEY Well # 4-3
 Sec. 3 Twp. 24s Rge. 17w East West
 County Edwards

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.)
 DST #1 (4274-4330) CHEROKEE - MISSISSIPPI
 1) FBOB in 4", Dead in 26"
 2) FBOB in 6", Dead in 33"
 REC: 65' DM w/Tr Oil on Tool
 IHP: 2171 IFP: 79-65:30" ISIP: 381:60"
 FHP: 2135 FFP: 92-83:60" FSIP: 409:90"
 BHT: 112F

Name	Formation Description	
	Top	Bottom
ANHYDRITE Top	1130 (+ 976)	BKC 4134 (-2028)
ANHYDRITE Bse	1149 (+ 957)	MARMATON 4155 (-2049)
TOPEKA	3322 (-1216)	CHEROKEE SH 4275 (-2169)
HEEBNER	3710 (-1604)	CHEROKEE SD 4292 (-2186)
TORONTO	3725 (-1619)	CONGLOMERAT NA NA
DOUGLAS SH	3740 (-1634)	MISSISSIPPI 4307 (-2201)
DOUGLAS SD	NA NA	KINDERHK SH 4334 (-2228)
BROWN LIME	3833 (-1727)	KINDERHK SD 4350 (-2244)
LANSING	3842 (-1736)	VIOLA 4389 (-2283)
		RTD = LTD 4450 (-2344)

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" (N)	23#	317'KB	60/40 POZM	225	2%Gel, 3%CC

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
			Depth
None			

TUBING RECORD Size Set At Packer At Liner Run Yes No
 None

Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)
 None

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ D&A _____

ORIGINAL STERLING DRILLING COMPANY

BOX 129
STERLING, KANSAS 67579

SAMPLE LOG ----- F. Massey #4-3
SW SW NW, Section 3-T24S-R17W, Edwards County, Kansas

OPERATOR: F. G. Holl Company
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: August 10, 1990
COMPLETED: August 16, 1990

LOG

0 - 80'	surface soil & sand
80 - 320'	red bed & shale
320 - 1129'	shale & lime
1129 - 1146'	anhydride
1146 - 4550	lime & shale

CASING RECORD

Ran 7 joints 8 5/8" 23# new casing.
304.45' pipe set at 317' KB. Cemented
with 225 sacks 60/40 Pozmix W/ 2% gel
& 3% cc. Plug down at 12:15 PM 8-10-90
by Howco. Good returns to surface.

Plugged: August 16, 1990

DEVIATION SURVEY:

4330' 1 1/4°

RECEIVED
STATE CORPORATION COMMISSION

JAN 2 1991
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R. -82-3-117

API NUMBER 15-047-21,361

LEASE NAME F. Massey

WELL NUMBER #4-3

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

2970 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 3 TWP. 24 RGE. 17 (X) or (W)

COUNTY Edwards

LEASE OPERATOR F. G. Holl Company

ADDRESS PO Box 780167, Wichita, Kansas 67278-0167

PHONE# (316) 684-8481 OPERATORS LICENSE NO. 5056

Date Well Completed Aug. 16, 1990

Character of Well dry hole

Plugging Commenced 4:30AM 8-16-90

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging Completed 6:30AM 8-16-90

The plugging proposal was approved on August 15, 1990 (date)

by Glenn Barlow, Dodge City, Kansas (KCC District Agent's Name).

Is ACO-1 filed? _____ If not, is well log attached? yes

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. _____

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
				8 5/8"	317' KB	none

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet each set. filled hole with heavy mud. Plugged with 50 sacks at 1170', 40 sacks at 580', 50 sacks at 330', 15 sacks 60' to 0', 15 sacks in rathole. Used 60/40 Pozmix W/ 6% gel.
by Howco

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Sterling Drilling Company License No. 5142

Address PO Box 129, Sterling, Kansas 67579

STATE OF Kansas COUNTY OF Rice, ss.

Richard L. Mead (Employee of Operator) or (Operator) of above-described well, being first ~~sworn~~ sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Richard L. Mead
Richard L. Mead
Address) PO Box 129, Sterling, Kansas 67579

SUBSCRIBED AND SWORN to this 16 day of August, 19 90

F.A. Wuellner
Notary Public F.A. Wuellner

My Commission Expires: _____



CUSTOMER COPY



15-047-21361-0000

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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
015613	08/16/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MASSEY # 4-3		EDWARDS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
GREAT BEND	STERLING DRILLING	PLUG TO ABANDON			08/16/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	V.L. THOMPSON			COMPANY TRUCK	99978

F G HOLL
P O BOX 158
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	46	MI		
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK		
504-308	STANDARD CEMENT	102	SK		
506-105	POZMIX A	68	SK		
506-121	HALLIBURTON-GEL 2X	3	SK		
507-277	HALLIBURTON-GEL BENTONITE	6	SK		
500-207	BULK SERVICE CHARGE	182	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	356.41	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*-KANSAS STATE SALES TAX					
*-BARTON COUNTY SALES TAX					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					

STATE COMMISSION
JAN 9 1991
CONSERVATION DIVISION
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 30TH 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 DEDUCTION AT THE HIGHEST LAWFUL CONTRACT RATE AVAILABLE, BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
015587	08/10/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
FLOYD MASSEY 4-3		EDWARDS		KS	SAME	
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE	
GREAT BEND	STERLING DRILLING #4	CEMENT SURFACE CASING			08/10/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
392900	V.L. THOMPSON			COMPANY TRUCK	99703	

F G HOLL
P O BOX 158
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	46	MI		
		1	UNT		
001-016	CEMENTING CASING	317	FT		
		1	UNT		
030-503	WOODEN PLUG	8	5/8 IN		
		1	EA		
504-308	STANDARD CEMENT	135	SK		
506-105	POZMIX A	90	SK		
506-121	HALLIBURTON-GEL 2%	4	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK		
500-207	BULK SERVICE CHARGE	237	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	464.99	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*--KANSAS STATE SALES TAX					
*--BARTON COUNTY SALES TAX					
INVOICE TOTAL					

STATE CORPORATION COMMISSION
JAN 2 1991
CONSERVATION DIVISION
Wichita, Kansas

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