

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

5

API NO. 15-047-21,295-0000

County Edwards

E/2 NE SW Sec. 5 Twp. 24 Rge. 17W East West

1980 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

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

Lease Name Johnson Well # 4-5

Purchaser N/A

Field Name Massey

Operator Contact Person Becky Norris
Phone (316) 684-8481

Producing Formation N/A

Elevation: Ground 2112 KB 2121

Contractor: License # 5142
Name Sterling Drilling Co.

Wellsite Geologist Frank Greenbaum
Phone (316) 684-8481

Designate Type of Completion
X New Well Re-Entry Workover STATE CORPORATION COMMISSION

Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc)

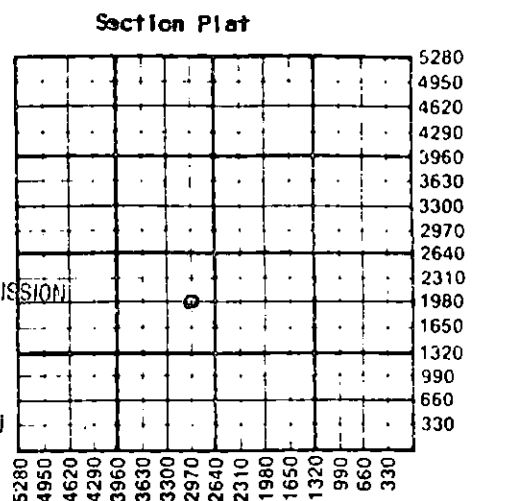
If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

12-17-87

RECEIVED

DEC 17 1987

CONSERVATION DIVISION
Wichita, Kansas



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: T87-455
Division of Water Resources Permit #
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West
Other (explain) (purchased from city, R.W.D. #)

WELL HISTORY
Drilling Method: X Mud Rotary Air Rotary Cable
10-21-87 10-28-87 11-30-87
Spud Date Date Reached TD Completion Date
4520' 4390'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 304 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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. 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 Manager Date 12-17-87

Subscribed and sworn to before me this 17 day of December 1987
Notary Public Mary D. Slagle

MARY D. SLAGLE
Notary Public
STATE OF KANSAS
My Appl. Exp. 12/30/89

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)

Sec 5 Twp 24 Rge 17W

SIDE TWO

Operator Name F.G. Holl Company Lease Name Johnson Well # 4-5

Sec. 5 Twp. 24 Rge. 17W East West County Edwards

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4320-4350
 Rcd: 40' mud w/ trace of oil
 Fair blow on first opening.
 Fair blow on second opening.
 IFP: 57#-57# ; 30"
 FFP: 53#-63# ; 60"
 ISIP: 55# ; 30"
 FSIP: 1224# ; 60"

Name	Top	Bottom
Heebner	3748	(-1627)
Brown Lime	3870	(-1749)
LKC	3878	(-1757)
BKC	4171	(-2050)
Cherokee sh	4300	(-2179)
Cherokee sh ₂	4320	(-2199)
Cherokee	4338	(-2217)
Cherokee ss	4348	(-2227)
Conglom. cht.	4361	(-2240)
Mississippi	4373	(-2252)
Kinderhook	4427	(-2306)
Kinderhook ss	4444	(-2323)
Viola	4465	(-2344)

DST #2 4362-4390
 Rcd: 1150' GIP, 105' OCM, 90' SOCMW, 60' MW w/
 trace of oil, 120' MW w/ trace oil.
 Surface blow off the bottom of a 5 gallon bucket
 in 1 min. at 1st opening. Blow off bottom of 5 gal. bucket in 15 min.

IFP: 75#-98# ; 45" ISIP: 1057# ; 45"
 FFP: 145#-199#; 60" FSTIP: 1125# ; 90"

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		8.5/8"	24#	306" KB	.60/40 Pdz	225	
Production		4.1/2"		4517' KB	Lite	100	F.G. Holl mix 125 sx
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4348-4354						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size 2" Set At 4328.71' Packer at ---					
Producing Method							
TA		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Solid Other (Specify)
 Used on Lease Dually Completed
 Commingled