

ORIGINAL

550 *TIGHT HOLE!

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

CONFIDENTIAL

API NO. 15- 007-21-~~00-02~~ 00-02

County Barber

Sec. 10 Twp. 30s Rge. 13w X W

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: Pratt Well Service

License: NA

Wellsite Geologist: None

Designate Type of Completion

New Well X Re-Entry Workover

Oil SWD S10W Temp. Abd.
Gas X ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic Protection)

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

Operator: Marmac Petroleum Company

Well Name: MILLER #1-10

Comp. Date 9/21/88 Old Total Depth 4725'

Deepening Re-perf. Conv. to Inj/SWD
X Plug Back 4650' PBDT
Commingled Docket No.
Dual Completion Docket No.
X Other (SWD/Inj?) Docket No. E-26,446

11/26/91 12/3/91 12/31/91
Spud Date Date Reached TD Completion Date

2970' Feet from SW (circle one) Line of Section

2310' Feet from EX (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name MILLER "INJ WELL" Well # 1-10

Field Name Sawyer South Ext.

Producing Formation None

Elevation: Ground 1854' KB 1865'

Total Depth 4725' PBDT 4650'

Amount of Surface Pipe Set and Cemented at 245' Feet

Multiple Stage Cementing Collar Used? Yes X No

feet depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cat.

Drilling Fluid Management Plan
Data collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Dewatering method used NA

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name

Lease Name License No. 1994

Quarter Sec. Twp. Rge. E/W

County Docket No.

FROM CONFIDENTIAL

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 1/2/92

Subscribed and sworn to before me this 1st day of January 1992

Notary Public V. Jean Feil

Date Commission Expires

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 in VIC
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

P1

Operator Name F. G. Holl Company

Lease Name MILLER "INJ WELL" Well # 1-29

East

County Barber

Sec. 10 Twp. 30 Rge. 13w
 West

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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
See Original ACO-1 submitted by earlier Operators:		
FALCON EXPLORATION, Inc. (Original)		
MARMAC PETROLEUM COMPANY (OWWO)		
F. G. HOLL COMPANY (Present OWWO Operator)		

F. G. Holl did not do any of the above.
 It is presumed that the Original Operator did some of the above.

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	12 1/4"	10 3/4" (N&U)	NA	245'	NA	240	NA
Production	7 7/8"	4 1/2" (N&U)	NA	4725'	NA	175	NA

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				
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	See attached sheet.			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4 JSPF	4592'	(Simpson Sand)	SPTD: 500 gls 10% MSA, PF, SWB: 10 BPPH, NS
4 JSPF	4592-4608'	(Simpson Sand)	AC: 750 gls 15% DSFE, SWB: 14 BPPH, NS, REAC: 1500 gls 15% DSFE, SWB: 64bbbls Acid	4650'

TUBING RECORD Size 2" Seal-Tite Set At 4580' Packer At 4580'

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

Wtr, Took 50 bbls in Vacuum in 30 mins. Set packer @ 4580, Press to 400# for MIT. Liner Run Yes No Press held for MIT.

Date of First, Resumed Production, SWD or Inj. 1/2/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

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 Perf. Dually Comp. Commingled Other (Specify)

INJECTION Production Interval 4592-4608' Simpson Sand

15-007-21550-00-02

ORIGINAL

F. G. HOLL COMPANY

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

CONFIDENTIAL

TIGHT HOLE!

MILLER #1-10 "INJ WELL"
C SW SW NE
Sec 10-30s-13w
Barber County, KS
API#: 15-007-21, ~~440~~-A
550

Additional Cementing and Squeeze Record:

SQUEEZED VIOLA	4489-4490	Common Cement	50 sacks	6% Halide	322
		Standard Cement	50 sacks		
SQUEEZED VIOLA	4560-4562	Standard Cement	50 sacks		
ACIDIZED MISS	4380-4390	250 gls 15% FE			
SQUEEZED MISS	4380-4390	Standard Cement	50 sacks		
		Standard Cement	50 sacks		
SPOTTED CEMENT	4365-4525	Micro Matrix Cement	35 sacks		

Pressure Tested Squeeze: Pressure dropped 20# in 30 minutes. Found bad threads on one joint of tubing.

Ran bridge plug between Simpson and Viola perforations. Tested plug and held. Pulled packer above squeezed perforations. Dropped 1 sack of sand on bridge plug.

SPOTTED CEMENT B-Plug - 4085' Micro Matrix Cement 35 sacks

Pressured tubing to 1500# and held for 10 hours to 1400#.

Drilled out cement and circulated sand off Bridge Plug. Removed Bridge Plug and continued with Simpson perforations for Injection Well. (See Perforation Record on side two of ACO-1).

12/28/91 Set packer at 4580 and pressure tested annulus to 400# for M.I.T. Pressure held for 30 minutes. M.I.T. was successful and witness by Stephen Pfeifer from the KCC.

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 3 1992
1-3-92
CONSERVATION DIVISION
WICHITA, KS

RELEASED

FEB 28 1994
FROM CONFIDENTIAL