

SIDE ONE

SENT TO K.C.C. 2/16/90
W/CONFIDENTIAL LETTERSTATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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 Co.

License: 5142

Wellsite Geologist: Brent Reinhardt

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SMD ☐ 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

10-20-89 10-27-89 11-11-89

Spud Date Date Reached TD Completion Date

API NO. 15- 185-22615

County Stafford

SE NW SW Sec. 18 Twp. 21 Rge. 11 XX East West

650 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

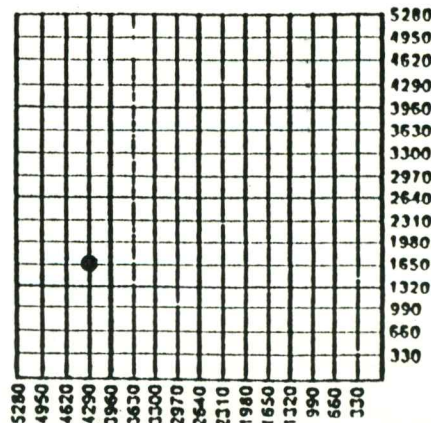
Lease Name Klein Well # 1-18

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 1813 KB 1822

Total Depth 3630 PBTD _____

Amount of Surface Pipe Set and Cemented at 263' KB FeetMultiple 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.

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

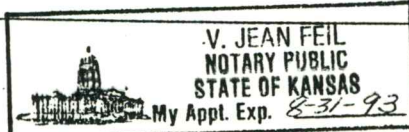
Title Elwyn H. Nagel, Manager Date 2/3/90

Subscribed and sworn to before me this 13th day of February

19 90.

Notary Public V. Jean Feil

Date Commission Expires _____



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

Form ACO-1 (7-89)

SIDE TWO

Operator Name F. G. Holl CompanyLease Name KleinWell # 1-18Sec. 18 Twp. 21 Rge. 11☐ EastCounty Stafford☒ 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Heebner	3046	(-1224)
Toronto	3065	(-1243)
Douglas	3078	(-1256)
Brown Lime	3170	(-1348)
Lan/ K.C.	3188	(-1366)
BKC	3410	(-1588)
Conglomerate	3430	(-1608)
Simpson Shale	3444	(-1622)
Arbuckle	3490	(-1688)

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		8 5/8"	23#	263KB	60/40 Poz	200	2%gel, 3%cc
Production		5 1/2"	14#	3621KB	Lite	50	
					50/50 Poz	125	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

4 SPF	3543-3550	Acidized w/250 gal 15% DSFE

TUBING RECORD

Size 2 3/8" Set At 3559' Packer AtLiner Run ☐ Yes ☒ NoDate of First Production
11-17-89Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)Estimated Production
Per 24 HoursOil 55 Bbls.Gas McfWater Bbls.

Gas-Oil Ratio

Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled☐ Other (Specify) _____3543-3550

F. G. HOLL COMPANY

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

KLEIN 1-18

DST #1: 3178-3240 LANSING

30-30-30-30

IFP 68/33:30 ISIP 44:30 FFP 36/33:30 FSIP 41:30

IHP 1590 FHP 1578 BHT 102°

Recovered 20 feet of mud.

DST #2: 3332-3395 KANSAS CITY

30-60-60-90

IFP 68/55:30 ISIP 592:60 FFP 107/77:60 FSIP 600:90

IHP 1714 FHP 1653 BHT 110°

Recovered 5 feet of very slightly oil cut mud and 60 feet of mud with a few specks of oil.

DST #3: 3490-3500 ARBUCKLE

30-60-60-90

IFP 34/115:30 ISIP 1081:60 FFP 187/220:60 FSIP 1019:90

IHP 1715 FHP 1707 BHT 112°

1st Opening: Weak blow-built to botton of bucket in 13 minutes.

2nd Opening: Weak blow-built to bottom of bucket in 23 minutes.

Recovered 570 feet of clean gassy oil (37% gas, 62% oil, 1% mud)

Recovered 60 feet of mud cut gassy oil (30%gas, 40% oil, 30% mud)