

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

Operator: License # 5056Name: F. G. Holl CompanyAddress 6427 E. KelloggP.O. Box 780167City/State/Zip Wichita, Ks. 67278-0167Purchaser: NCRAOperator Contact Person: Elwyn H. NagelPhone (316) 684-8481Contractor: Name: Sterling Drilling Co.License: 5142Wellsite Geologist: Jeff KlockDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SVD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: RELEASEDWell Name: RELEASEDComp. Date MAY 24 1995 Old Total Depth RELEASED☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBD☐ Commingled ☐ Docket No. RELEASED☐ Dual Completion ☐ Docket No. RELEASED☐ Other (SWD or Inj?) ☐ Docket No. RELEASED12/31/92 1/7/93 4/23/93

Spud Date Date Reached TD Completion Date

API NO. 15- 185-22894County Stafford90°N & 250°E of Sec. 5 Twp. 21S Rge. 11WSE NW NE 900' FNL Feet from S/N (circle one) Line of Section1400' FEL Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name MEYER Well # 1-5Field Name WildcatProducing Formation ArbuckleElevation: Ground 1806 KB 1815Total Depth 3520 PBDT 3481Amount of Surface Pipe Set and Cemented at 218' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set RELEASED FeetIf Alternate II completion, cement circulated from RELEASEDfeet depth to RELEASED w/ RELEASED sx cmt.Drilling Fluid Management Plan 6-15-93
(Data must be collected from the Reserve Pit)Chloride content 48,000 ppm Fluid volume NA bblsDewatering method used Truck hauling/EvaporationLocation of fluid disposal if hauled offsite: RELEASEDOperator Name F. G. Holl CompanyLease Name Rader License No. 5056NE Quarter Sec. 18 Twp. 21 S Rng. 11W E/WCounty Stafford Docket No. D-26,046

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.

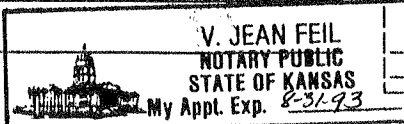
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Elwyn H. Nagel
Title Elwyn H. Nagel, Manager Date 4/27/93

Subscribed and sworn to before me this 27th day of April, 19 93.

Notary Public V. Jean Feil

Date Commission Expires 8-31-93



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

611-18-2

SIDE TWO

Operator Name F. G. Holl Company Lease Name MEYER Well # 1-5
 Sec. 5 Twp. 21S Rge. 11W ☐ East ☐ West
 County Stafford

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:

ZDL-CN-ML-SL MINILOG-GR
 DIFL-GR-AC-CAL
 BHC-AL-GR-CAL
 SPECTRALOG

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
TOPEKA	2729	(-914)
HEEBNER	3002	(-1187)
BROWN LIME	3124	(-1309)
LANSING	3144	(-1329)
BKC	3373	(-1558)
ARBUCKLE	3405	(-1590)
RTD	3520	(-1705)
LTD	3518	(-1703)

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"	23#	218'	40/60 Poz	225	2%gel, 3
PRODUCTION	7 7/8"	5 1/2"	14#	3514'	Lite	100	
					Holl Mix	125	

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	3377-3380		50	5% HADD 322
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone			50	10% SALT

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 SPF	3406 - 3411 Arbuckle	Acidized w/3000 gal. 15% DSFE
4 SPF	3377 - 3380 Lansing	Acidized w/500 gal. 15% DSFE

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	3418'			

Date of First, Resumed Production, SWD or Inj. 4/23/93 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil 1 Bbls. Gas 0 Mcf Water 100 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perforated ☐ Dually Comp. ☐ Commingled

Production Interval

3406 - 3411

APR 27
CONFIDENTIAL

AP 2# 15-185-22894

MEYER NO. 1-5
900' FNL 1400' FEL
SEC 5-21S-11W
Stafford County, Ks.RECEIVED
KANSAS CORPORATION COMMISSION

APR 27 1993

CONSERVATION DIVISION
WICHITA, KSDRILL STEM TESTS

- DST 1: 3150 - 3197, 15-30-15-30
1st Blow, Weak blow for 3 min. and died.
2nd Blow, No blow, flushed tool, good surge, no help.
IHP 1660 FHP 1649 IFP 89-78 ISIP 133 FFP 89-78 FSIP 122 BHT 104°
Rec: 40' Mud with a fair show of oil between shut-in and hydrolic tools.
- DST 2: 3370 - 3400, 30-60-60-90
1st Blow, Weak blow
2nd Blow, Weak blow
IHP 1726 FHP 1704 IFP 55-55 ISIP 998 FFP 66-66 FSIP invalid BHT 107°
Rec: 450' Gas in pipe. 30' Oil cut mud. 60' Very gassy slightly muddy oil
65% Gas 18% Oil 10% Mud 7% Water. 60' Very gassy oil cut watery mud,
22% Gas 30% Oil 28% Mud 20% Water.
- DST 3: 3387 - 3412, 30-60-60-90
1st Blow, Fair blow, Bottom of bucket in 12 min.
2nd Blow, Fair blow, Bottom of bucket in 14 min.
IHP 1760 FHP 1749 IFP 55-89 ISIP 1108 FFP 100-156 FSIP 1075 BHT 109°
Rec: 1110' Gas in pipe. 50' Clean gassy oil. 60' Gassy muddy oil,
12% Gas 50% Oil 38% Mud. 60' Very gassy muddy oil, 58% Gas 20% Oil 22% M
60' Muddy slight gas cut oil, 5% Gas 45% oil 52% Mud. 60' Very gassy
muddy oil, 75% Gas 12% Oil 13% Mud
- DST 4: 3412 - 3422, 30-60-60-90
1st Blow, Fair blow, Bottom of bucket in 14 min.
2nd Blow, Fair blow, Bottom of bucket in 10 min.
IHP 1771 FHP 1715 IFP 55-66 ISIP 1020 FFP 78-89 FSIP 1108 BHT 109°
Rec: 1110' Gas in pipe. 30' Clean gassy oil. 60' Very gassy slightly
muddy oil, 55% Gas 25% Oil 20% Mud. 60' Very gassy slightly mud and
water cut oil, 40% Gas 30% Oil 15% Mud 15% Water.