

12-105-19E

ORIGINAL COPY

MUST BE TYPED

SIDE ONE

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

Operator: License # 30730
Name: Horizontal Development and Production Inc.
Address 202 Cowal
City/State/Zip Spicewood, TX 78669-2101
Purchaser:
Operator Contact Person: Steve Watson
Phone (512) 264-2288

Contractor: Name: McGown Drilling
License: 5786

Wellsite Geologist: George E. Peterson

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator:
Well Name:
Comp. Date Old Total Depth
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
09/19/94 09/21/95 09/21/95
Spud Date Date Reached TD Completion Date

API NO. 15- 087-20540
County Jefferson
SW -NW -NW Sec. 12 Twp. 10S Rge. 19
990 Feet from S/(N) (circle one) Line of Section
330 Feet from E/(W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or(SW) (circle one)
Lease Name Lukens Well 1
Field Name Wildcat
Producing Formation
Elevation: Ground 1140' GL

Total Depth 1650' PBTB
Amount of Surface Pipe Set and Cemented at 40' 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 cmt.

Drilling Fluid Management Plan *D + C 4-15-96*
(Data must be collected from the Reserve Pit) *Re*

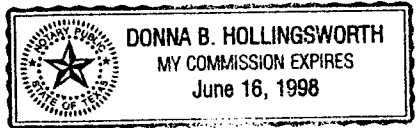
Chloride content ppm Fluid volume bbls
Dewatering method used Gel
Location of fluid disposal if hauled offsite:
Operator Name Horizontal Development and Production Inc.
Lease Name Lukens 1 License No. 30730
SW Quarter Sec. 12 Twp. 10 S Rng. 19 (E)/W
County Jefferson Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 *Steve Watson*
(Steven C. Watson)
Title Controller Date 01/12/96
Subscribed and sworn to before me this 12 day of January 1996.
Notary Public *Donna B. Hollingsworth*
Date Commission Expires 6-16-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)



Form ACO-1 (7-91)

JAN 14 1996

106

Operator Name Horizontal Development and Production Inc. Lease Name Lukens Well # 1

Sec. 12 Twp. 10S Rge. 19 East West
 County Jefferson

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:
 Neutron/Density Porosity Log
 Dual Induction Log

Log Sample
 Formation (Top), Depth and Datums
 Name Top Datum

ORIGINAL

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"		40'	Portland A	40	3%CaCl, 2%Gel
Production							

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 type="checkbox"/> Plug Off Zone				

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

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 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: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify)

JAN 1995