

ORIGINAL COPY

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 : 16218 Clara Van Trail Unit B
City/State/Zip : Austin, TX 78734

Purchaser : NA

Operator Contact Person : Steve Watson

Phone : (512) 266-1782

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 PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

02/03/97 02/06/97 02/07/97
Spud Date Date Reached TD Completion Date

API NO. 15-087-205570000

County Jefferson

SW ___ NE ___ NW ___ SE ___ Sec. 19 ___ Twp. 8S ___ Rge. ___ W

2240 ___ Feet from (S)/N (circle one) Line of Section

1790 ___ 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 Swoyer A _____ Well 1

Field Name Wildcat _____

Producing Formation None

Elevation : Ground 1106' _____ KB _____

Total Depth 1643' _____

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&A 07 6-9-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Gel _____

Location of fluid disposal if hauled offsite :

Operator Name : Horizontal Development & Production Inc.

Lease Name : Swoyer A-1 License No. 30730

SE _____ Quarter Sec. 19 ___ Twp. 8 ___ S Rng. 20 ___ (E)/W

County Jefferson _____ Docket No. _____

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 24 1997
CONSERVATION DIVISION
WICHITA, KS

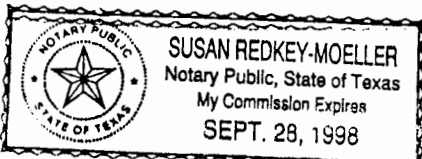
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Steven C. Watson
(Steven C. Watson)
Title Office Manager _____ Date 3/4/97

Subscribed and sworn to before me this 4 day of march
19 97
Notary Public Susan Redkey Moeller
Date Commission Expires 9.28.98

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) _____



Operator Name : Horizontal Development and Production Inc.

Lease Name : Swoyer A _____ Well # 1

Sec. 19 Twp. 8S Rge. 20 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.

ORIGINAL

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 : R A Guard
Neutron/Density Porosity

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
Base KC	856	+256
Marmaton	994	+112
Cherokee	1087	+19.
Coal Marker	1514	-408
Upper McLouth	1571	-465
Middle McLouth	1588	-482
Lower McLouth	1600	-494
Mississippi	1616	-510

CASING RECORD <input checked="" 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	12 1/4"	8 5/8"		40'	Portland A	30	3% CaCl 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose :	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method		<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil $\frac{N}{A}$ Bbls.	Gas $\frac{N}{A}$ Mcf	Water $\frac{N}{A}$ 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) _____

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 24 1997
CONSERVATION DIVISION
WICHITA, KS