

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

Operator: License # 5952Name: Amoco Production CompanyAddress P.O. Box 800, Rm. 2444City/State/Zip Denver, CO 80201

Purchaser: _____

Operator Contact Person: Julie VictorPhone (303) 830-4009Contractor: Name: Trans-Pac Drilling Inc.License: 05841

Wellsite Geologist: _____

Designate Type of Completion

☐ New Well ☒ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: Trans-PacificWell Name: Hayward Farms 1-2Comp. Date 1/7/91 Old Total Depth 6198'

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Cemented ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) Docket No. _____

12/20/90 1/7/91 4/21/92
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21064-0001County MortonC E/2 SE 2 Sec. 32 Twp. 40 Rge. 40 ☒ E ☒ W1320 Feet from S/W (circle one) Line of Section660 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Hayward G.U. B Well # 3HIField Name HugotonProducing Formation ChaseElevation: Ground 3286' KB 3298'Total Depth 6198' PBTD 2824'Amount of Surface Pipe Set and Cemented at 1,712 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 cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 5800 ppm Fluid volume 2140 bblsDewatering method used dried and filled

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 Julie VictorTitle Permitting Representative Date 5/14/92Subscribed and sworn to before me this 14 day of May, 19 92.Notary Public Shirley L HolmesDate Commission Expires 3/21/94

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
Distribution	
☒ KCC	☐ SWD/Rep
☐ KGS	☐ Plug
Other _____	
5-18-92	

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 18 1992
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Amoco Production CompanyLease Name Hayward G.U. BWell # 3HISec. 2 Twp. 32 Rge. 40☐ EastCounty Morton☒ 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
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

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

Name	Top	Datum
Chase	2,402'	KB
Heebner	3,858'	
Lansing	3,976'	
Marmaton	4,658'	
Morrow	5,378'	
Chester	5,842'	
St. Genevieve	5,978'	

DIFL-CAL-GR; BHC-AL-CAL-GR; ML-GR

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"	24#	1,712'	Class C	350	
Production	7-7/8"	5-1/2"	15.5#	2,962'	Class C	500	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	6050'	Class H	75 sx	
☒ Plug Back TD				
☐ Plug Off Zone	3247'	Class C	90 sx	

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	2402-26'; 2450-66'; 2470-80';	Frac with 246,220# 12/20	2402-2610'
	2524-50'; 2576-2610'	Brady sand and 10,000 gals	
		gelling agent	
		Acidize with 2,250 gals 7-1/2% HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				☐ Yes ☒ No

Date of First, Resumed Production, SVD or Inj.	Producing Method
SI	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1500			

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

Production Interval

2402-2610'