

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

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P.O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Panhandle Eastern Pipeline Co.
(Transporter)

Operator Contact Person: M. L. Pease

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.

☒ Gas ☐ Inj ☐ Delayed Completion

☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

5/4/89 5/6/89 9/28/89

Spud Date Date Reached TD Completion Date

API NO. 15- 129-20,985

County Morton

W2 NE SE Sec. 29 Twp. 34S Rge. 39 X East West

1980

Ft. North from Southeast Corner of Section

1250

Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Hayward "J" Well # 2H

Field Name Hugoton

Producing Formation Chase

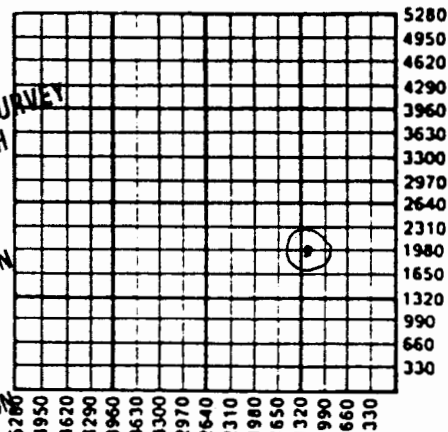
Elevation: Ground 3321.3 KB NA

Total Depth 2997 PBTD 2930

JAN 03 1989
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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CONSERVATION DIVISION
Wichita, Kansas



Depth of Surface Pipe Set and Cemented at 577 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.

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 M. L. Pease

Title Division Production Manager Date 12/13/89

Subscribed and sworn to before me this 13th day of December, 19 89.

Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached

C ☒ Wireline Log Received

C ☐ Drillers Timelog Received

Distribution

☒ KCC
☒ KGS

☐ SWD/Rep
☐ Plug

☐ NGPA
☐ Other
(Specify)

Operator Name Anadarko Petroleum CorporationLease Name Hayward "J"Well # 2HSec. 29 Twp. 34S Rge. 39☐ 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 ☐ Yes ☒ No
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

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

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Blaine	1126	1226
Cedar Hills	1266	1442
Stone Corral	1712	1770
Chase	2566	2926
Council Grove	2926	NA
TD		2997

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 Additive
Surface	12 1/4	8 5/8	24.0	577	Pozmix & Common	340	3% CC
Production	7 7/8	5 1/2	14.0	2992	Class C	255	10% DCD 20% DCD

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

2	2604-13, 2632-74, 2691-2732, 2755-2803	Brk. DN w/12,200 gal 2% KCl	2604-2847
2	2820-47	WTR. Frac w/72,000 gal foamed gelled 2% KCl WTR. & 213,200	O.A.
		12/20 SD	

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ No

Date of First Production

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

10/17/89

Estimated Production Per 24 Hours

Oil

Bbls.

Gas 1540 Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

@ 90%

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

2604-2847

O.A.

29-34-39W

GABBERT-JONES, INC.

HAYWARD "J" 2H
SEC. 29-34S-39W
MORTON COUNTY, KANSAS

Drillers Well Log

COMMENCED: 5-4-89

COMPLETED: 5-6-89

OPERATOR: ANADARKO PETROLEUM CORPORATION

DEPTH		FORMATION	REMARKS
From	To		
0	550	Sand - Clay	Ran 14 jts of 24# 8 5/8"
550	582	Redbed	csg LD @ 577' w/190
582	1270	Redbed - Shale	sks 25/75 Posmix - 2% CC
1270	1416	Glorietta Sand	1/4# CF - 150 sks Common
1416	2105	Shale	3% CC - 1/4# CF
2105	2855	Shale - Lime	PD @ 6:45 PM 5-4-89
2855	2997	Lime - Shale	
	2997 TD		Ran 71 jts of 14# 5 1/2" csg
			LD @ 2992' w/215 sks
			Class C - 20% DCD - 2%
			CC - 1/4# CF - 40 sks Class
			C - 10% DCD - 2% CC
			1/4# CF.
			PD @ 11:30 PM 5-6-89.

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CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS]
]
COUNTY OF SEDGWICK 1

I, the undersigned, being duly sworn on oath,
state that the above Drillers Well Log is true
and correct to the best of my knowledge and