15.159.22111.0000

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6522
Name Kansas Horizon Oil Inc.
Address Rt. #1 Box 86
Windom, KS
City/State/Zip 67491

Purchaser Conoco, Inc

Operator Contact Person Joe Swanson
Phone 316-489-6221

Contractor: License # 5864
Name Lobo Drilling Co.

Wellsite Geologist Mike Fletcher
Phone

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[X] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [ ] Delayed Comp.
[ ] Dry [ ] Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

API NO. 15-159-22,111

County Rice

[ ] East
NE SW SW Sec. 2 Twp. 21 Rge. 6 [X] West

990 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

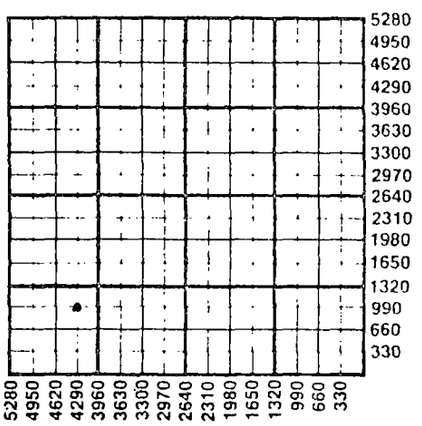
Lease Name Hayward Well # 1

Field Name Welch-Bornholdt

Producing Formation Mississippi

Elevation: Ground 1554' KB 1559'

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: [X] Disposal
Docket # D-32,878 [ ] Repressuring

WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

12-23-85	12-30-85	1-30-86
Spud Date	Date Reached TD	Completion Date
3470'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 218' feet
Multiple Stage Cementing Collar Used? [ ] Yes [X] No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #

[ ] Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge [ ] East [ ] West

[ ] Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge [ ] East [ ] West

[ ] Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

6-9-86

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
Title President Date 10-04-86

Subscribed and sworn to before me this 10th day of June, 19 86.
Notary Public
Date Commission Expires 2-14-88

BETH A. COERTZ
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-14-88

RECEIVED
STATE CORPORATION COMMISSION
JUN 09 1986
CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
F [ ] Letter of Confidentiality Attached
C [ ] Wireline Log Received
C [ ] Drillers Timelog Received
Distribution
[✓] KCC [ ] SWD/Rep [ ] NGPA
[✓] KGS [ ] Plug [ ] Other (Specify)

Form ACO-1 (7-84)

15.159.22111.0000

SIDE TWO

Operator Name Kansas Horizon Oil Inc. Lease Name Hayward Well # 1

Sec. 2 Twp. 21S Rge. 6W ☐ East ☒ West County Rice

WELL LOG

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
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

Formation Description ☐ Log ☐ Sample

Name	Top	Bottom
Heebner	2585	2605
Toronto	2606	2613
Douglas	2613	2764
Br. Lime	2764	2780
Lansing	2780	3072
Stark	3072	3120
Hushpukney	3120	3174
Base K.C.	3174	3277
Cherokee	3277	3375
Mississippi	3375	3470
RTD	3470	

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 Csng	15"	10-3/4"	34#	218	60/40 POZ	200	3% cc
Production	10"	7"	23#	3469	D-29	155	mud sweep

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3378-3386		
		400 gals Demulsion Acid	3378
		1000 gals INS	3378

TUBING RECORD Size 2-7/8 Set At 3120 Packer at Liner Run ☐ Yes ☒ No

Date of First Production	Producing Method
1-29-86	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain) Submersible

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	15 Bbls	MCF	1200 Bbls	CFPB	31

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☒ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify) .....

3378-3386

☐ Dually Completed
☐ Commingled