

MAY 24 1991

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 # 5848
Name HJ Inc
Address 70 N. Farmland Road
City/State/Zip Garden City, KS 67846

Purchaser Centron

Operator Contact Person Ron Osterbuhr
Phone 316/275-7888

Contractor: License # 5302
Name Red Tiger Drilling

Wellsite Geologist Karl J. Osterbuhr
Phone 316/275-7888

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ 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

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

12/19/89 1/8/90 3/23/90
Spud Date Date Reached TD Completion Date

5750' 5680'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1797 feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 3196' feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

API NO. 15-175-21.120

County Seward, Kansas FROM CONFIDENTIAL

app. Sec 23 Twp 31s Rge 32w East
X West

4280 Ft North from Southeast Corner of Section
1330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

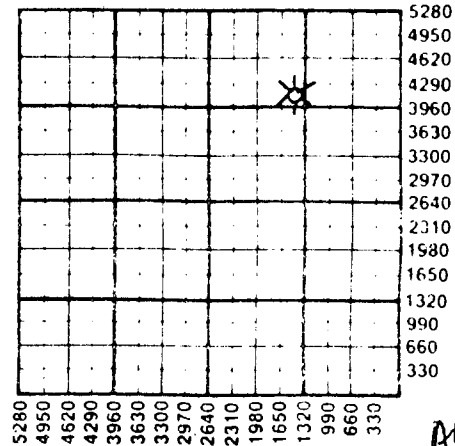
Lease Name Chapple #3 Well #3

Field Name Thirty-One

Producing Formation Morrow

Elevation: Ground 2846' KB 2851'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #

☒ Groundwater 2600' Ft North from Southeast Corner
(Well) 2600' West from Southeast Corner of
Sec 23 Twp 31s Rge 32w East X 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 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. 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 [Signature]

Title Owner Date 5-9-90

Subscribed and sworn to before me this 9 day of May

Notary Public [Signature]

Date 5-9-91

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)

23-31-32W

COPY

SIDE TWO

Operator Name H.T. Inc. Lease Name Chapple Well # 3

Sec. 23 Twp. 31S Rge. 32W ☐ East ☒ West County Seward, Kansas

RELEASED

WELL LOG

JUL 24 1991

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

DST #1; 5374'-5525'; pipe plugged.

DST #2; 5374'-5525'; (15-45-45-90),
GTS in 5 minutes and gauged 589 mcf/d
in 40 minutes. IHP-2706#, IFP-208#,
ISIP-1383#, FFP-254#, FSIP-1417#,
FHP-2536#. Recovered 300' of gas-cut
mud.

B/Stone Corral 1731'
T/Chase 2618'
T/Heebner 4150'
T/Lansing 4288'
T/Marmaton 4927'
T/Cherokee 5083'
T/Morrow 5386'
T/Mississippian 5522'

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.....	12.250"	8.625"	24#	1797'	LW/C	550/150	3% CC
...production...	7.875"	4.5"	10.5#	5720'	LW/Prem.	430/440	1/2# flocele
.....							

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	5456'-5468'	none	
.....			
.....			
.....			

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2.375"	5468'	none		

Date of First Production	Producing Method
3/23/90	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	2.5 Bbls	709 MCF	0 Bbls	283.6 CFPB	.690

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perforation ☐ Other (Specify) 5456'-5468'.....
☐ Dually Completed ☐ Commingled