

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

JUN 24 1991

API NO. 15-175-21,120-~~000~~.....

County...Seward, Kansas..... FROM CONFIDENTIAL

app. ..c... ne/4 Sec. 23... Twp. 31s Rge. 32w... x East  
West

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

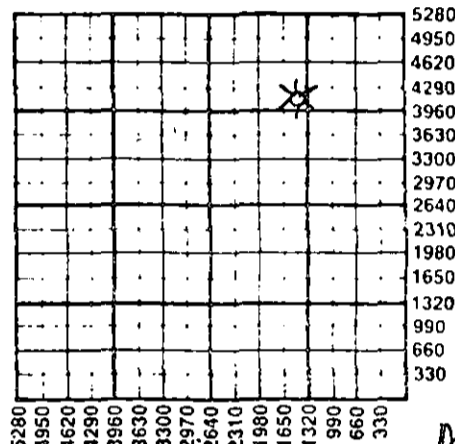
Lease Name...Chapple #3..... Well #...3.....

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 #.....  
x 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. #)

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  
x New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
  
\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ Temp Abd  
x 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:  
x 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 PBTD

Amount of Surface Pipe Set and Cemented at...1797' feet  
Multiple Stage Cementing Collar Used? x 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 # .....

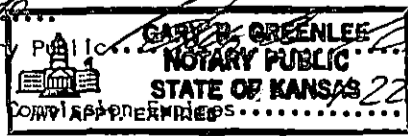
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on side two of this form will be held 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 ..*James Long*.....  
Title...Owner..... Date 5-9-90.....

Subscribed and sworn to before me this 9... day of May.....  
19... ..

Notary Public...  
Date ..22-91.....



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

SIDE TWO

Operator Name HJ, Inc. Lease Name Chapple Well # 3

Sec. 23 Twp. 31s Rge. 32w  East  West County Seward, Kansas

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

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

DST #2; 5374'-5525'; (15-45-45-90),  
 GTS in 5 minutes and gauged 589 mcf  
 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 <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...	12.250"	8.625"	24#	1797'	LW/C	550/150	3% CC
...production...	7.875"	4.5"	10.5#	5720'	LW/Prem.	430/440	1/4# flocele
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5456'-5468'			none			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2.375"		5468'		none			
Date of First Production		Producing Method					
3/23/90		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled