

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 # 5447
Name Cities Service Oil & Gas Corp
Address 3545 NW 58th Street
Oklahoma City, Oklahoma
City/State/Zip 73112

Purchaser Citgo

Operator Contact Person Raymond Hui
Phone (405) 949-4432

Contractor: License # 7860
Name Johnson Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-9-84 11-23-84 12-18-86
Spud Date Date Reached TD Completion Date
6658' 6386'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1756 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

API NO. 15-189-20803-00-00
County Stevens
SE SW SE Sec 24 Twp 34S Rge 35 East West

554 Ft North from Southeast Corner of Section
1874 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

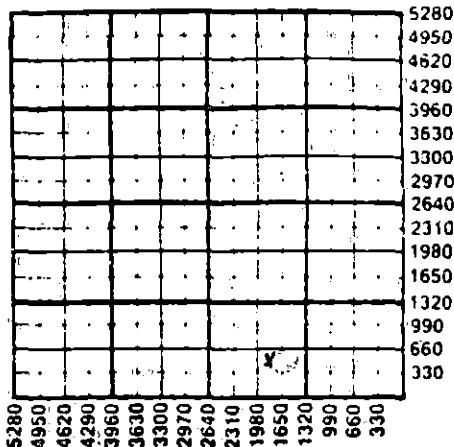
Lease Name Hudkins B Well # 3

Field Name Kinney

Producing Formation Chester

Elevation: Ground 2959' KB 2971'

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 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.O. #)

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 Del G. Oliver

Title Engineering Manager Date 1-8-87

Subscribed and sworn to before me this 8 day of January 1987

Notary Public Deresa Jo Harbette

Date Commission Expires 4-24-89

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)

JAN 13 1987
1-13-87
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Cities Service Oil & Gas Corp Lease Name Hickins B Well # 3

SE SW SE

Sec. 24 Twp. 34S Rge. 35 East West County Stevens

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

Ran DIL - SFL w/GR
 Microlog w/GR, CNL-FDC
 w/GR and Caliper.
 Ran CBL/GR/CCL from 6608' PBTD
 to 5800'.
 TOC at 6044'.

Set Baker 5.5" CIBP at 6400' KB.
 Dumped 2 sx cmt on top of CIBP.

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	0	427
Shale	427	2133
Lime & Shale	2133	4772
Lime	4772	5155
Shale	5155	5570
Lime & Shale	5570	6061
Lime	6061	6658
TD		6658
PBTD		6386

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
Conductor	32"	20"		40'	Redi-Mix	4 yds	
Surface	12-1/4"	8-5/8"	24#	1756 KB	Poz & CLO	800 sx	CaCl & gel
Production	7-7/8"	5-1/2"	15.5#	6657'	50/50 Poz	200 sx	2% total gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	Upper Chester 6227-6238' and 6243-6252' (20' : 40 holes)			Acidized w/2000 gals 15% MSR 100 w/4 gals A-200, 3 gals J-120		6227-52'	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Size	Set At	Packer at				
12/18/86	2-3/8"	6226'					
Producing Method				<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
		Bbls	MCF	Bbls	CFPB		
1150				0			

METHOD OF COMPLETION

Production Interval

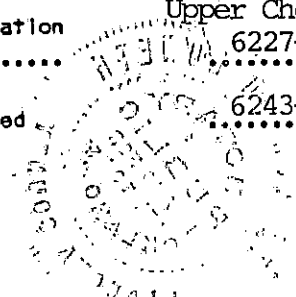
Disposition of gas: Vented Sold Used on Lease

Open Hole Perforation Other (Specify)

Dually Completed Commingled

Upper Chester
 6227-6238

6243-6252



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 # 5447
Name Cities Service Oil & Gas Corp.
Address 3545 NW 58th Street
Oklahoma City, Oklahoma
City/State/Zip 73112

Purchaser Citgo

Operator Contact Person Raymond Hui
Phone (405) 949-4432

Contractor: License # 7860
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Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

OH SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

11-9-84 11-23-84 12-18-86
Spud Date Date Reached TD Completion Date
6658' 6386'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1756 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-189-20803

County Stevens

SE SW SE Sec 24 Twp 34S Rge 35 East West

554 Ft North from Southeast Corner of Section
1874 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

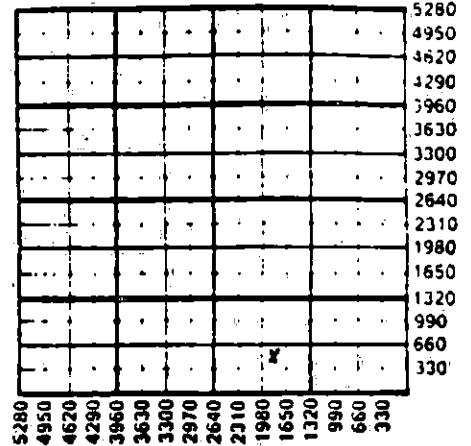
Lease Name Hudkins "G" Well # 2

Field Name Kinney R. A.

Producing Formation Chester

Elevation: Ground 2959' KB 2971'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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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

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(Stream, pond etc)...Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.O. #)

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Signature Del G. Oliver

Title Engineering Manager Date 1/12/87

Subscribed and sworn to before me this 12 day of January 1987

Notary Public Doreen J. Haworth

Date Commission Expires 4-24-89

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)

JAN 14 1987

CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (5-86)

Operator Name ... Cities Service Oil & Gas Corp ... Lease Name ... Hudkins "C" ... Well # ... 2

SE SW SE

Sec. 24 ... Twp. 34S ... Rge. 35 ... East West

County ... Stevens

WELL LOG

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 TOC at 6044'.

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Lime	6061	6658
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PBTD		6386

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Shots Per Foot: Specify Footage of Each Interval Perforated				(Amount and Kind of Material Used) Depth			
2. Upper Chester 6227-6238' and 6243-6252 (20' : 40 holes)				Acidized w/2000 gals. 15% MSR 6227-52' 100 w/4 gals A-200. 3 gals J-120			
TUBING RECORD							
Size 2-3/8"		Set At 6226'		Packer at		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production 12/18/86		Producing Method <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
		Bbls.	1150 MCF	0	Bbls		CFPB

METHOD OF COMPLETION

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)

Production Interval
 Upper Chester
 6227-6238

 6243-6252

Qually Completed
 Comingled

