

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 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser Panhandle Eastern Pipeline Co
Kansas City, Missouri 64141

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: License # 7860
Name Johnson Drilling Co

Wellsite Geologist David Smith
Phone (405) 949-4400

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

5-15-85	5-25-85	6-27-85
Spud Date	Date Reached TD	Completion Date
6450'	6403'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 1697 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 cmf

API No. 15-175-20854-0000

County Seward

SE. SE. NW. Sec. 28. Twp. 32S. Rge. 34... East West
(2405' FWL, 2310' FNL)

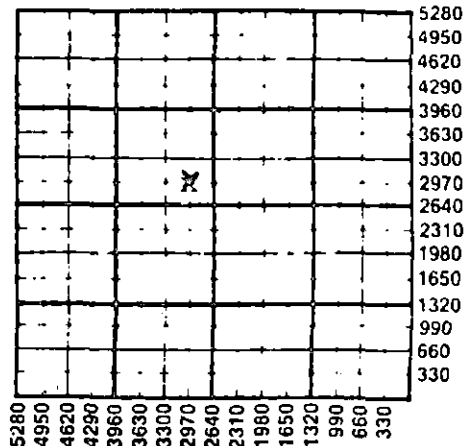
2970 Ft North from Southeast Corner of Section
2875 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Hitch "R" Well # 1

Field Name N. Shuck Holt

Producing Formation Chester

Elevation: Ground 2912' DF: 2923'
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Source of Water:
Division of Water Resources Permit # T85-456

Groundwater 3040 Ft North from Southeast Corner
(Well) 2875 Ft West from Southeast Corner of
Sec 28 Twp 32S Rge 34 East West

Surface Water Ft North from Southeast Corner
(Stream, Pond, etc.) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) 11/10/1985 6-10-1985
(purchased from city, R.W.O. #)

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.

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 7-8-85

Subscribed and sworn to before me this 8th day of July 1985
Notary Public Joyce S. Porter
Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

CONFIDENTIAL

SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Hitch "R" Well # 1

Sec. 28 Twp. 32S Rge. 34 East West County Seward

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

Dresser Atlas ran electric logs:
DIL-SFL w/GR & SP
CNL-FDC w/GR & Caliper.
Minilog w/GR

Name	Top	Bottom
Surface, Clay & Sand	0	410
Redbed, Sand & Shale	410	1160
Glorieta Sand	1160	1334
Shale	1334	1680
Anhydrite	1680	1698
Shale	1698	2600
Lime & Shale	2600	5105
Lime	5105	5252
Lime & Shale	5252	6149
Shale	6149	6171
Lime & Shale	6171	6404
Lime	6404	6450

CONFIDENTIAL

RELEASED

OCT 03 1986

FROM CONFIDENTIAL

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	12-1/4"	8-5/8"	24#	1697'	KB	65/35 Poz. 650.	2% CaCl ₂ 1/8# D-130
						Class H. 150.	3% CaCl ₂ 1/16# D-130
Production	7-7/8"	5-1/2"	15.5	6449'	4	50/50 Poz. 175.	18% salt 8% D-65, 1/8# D-130

PERFORATION RECORD
Shots Per Foot: Specify Footage of Each Interval Perforated

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6136-6142' Chester Sand	Broke down Chester Sand w/600 gal. diesel w/10% U-66 Frac trtd w/33,725 gal. gelled diesel & 35,400 # 20/40 sand	6136-42'

TUBING RECORD
Size 2-3/8" Set At SN @ 6125' Packer at KB Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain) _____

SI WOPL Hookup

4-Point Test.

Oil	Gas	Water	Gas-Oil Ratio	Gravity
0 Bbls	CAOF 1489 MCF (Est. 375 MCFD)	0 Bbls	CFPB	

Estimated Production Per 24 hours

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold, to be used on Lease Open Hole Perforation Other (Specify) 6136-6142'
 Dually Completed Commingled