

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
City/State/Zip Oklahoma City, OK 73112

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

Contractor: license # 6333
name DaMac Drilling

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-19-84 8-28-84 9-1-84
Spud Date Date Reached TD Completion Date

5435' Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 255' 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

API NO. 15 - 077-21,022-00-00

County Harper

NE SE SW/4 (location) Sec 12 Twp 34S Rge 7

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

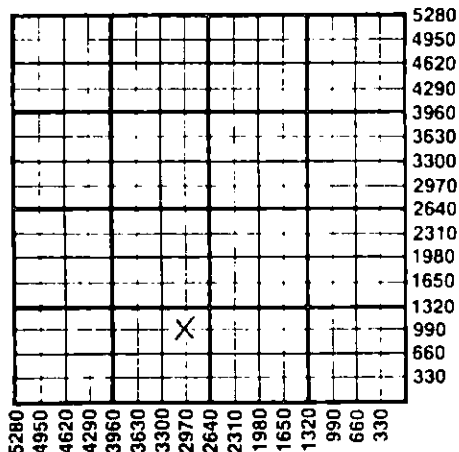
Lease Name Bettis A Well# 1

Field Name Wildcat

Producing Formation None (Dry Hole)

Elevation: Ground 1338 KB 1346'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner ar (Well) Ft. West From Southeast Corner
Sec Twp Rge East West

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

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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 Oliver
Title Engineering Manager Date 9-12-84

Subscribed and sworn to before me this 19th day of Sept 1984

Notary Public
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)

RECEIVED
STATE CORPORATION COMMISSION
SEP 20 1984
WICHITA, KANSAS

Sec 12 Twp 34S Rge 7

Operator Name Cities Service Oil & Gas Corp Lease Name Bettis Well# 1 SEC. 12 TWP. 34S RGE. 7 East West

WELL LOG

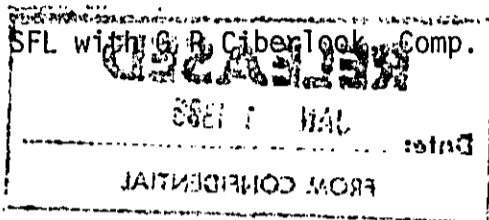
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, 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

DST #1 4642' - 55, Upper Mississippi
 Chert. 30-60-30-60

Ran Dual 2nd SFL with G. R. Cyberlock Comp. Neutron
 & Sonic Logs



Name	Top	Bottom
Native Mud	0	2375'
Stotler	2544'	
Howard	2952'	
Topeka	3115'	
Heebner	3355'	
Iaton	3734'	
Stalnaker	3752'	
K.C.	3990'	
Marmaton	4303'	
Cherokee	4441'	
Mississippi	4637'	

TD
RELEASED
 JAN 17 1986
 FROM CONFIDENTIAL 5069'

CASING RECORD <input 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 1/4" 8.5/7" 24# 255' Class. A 150. SxS 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
.....	... Dry Hole ... Not Perforated
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method <input 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		
	Dry Hole ---	Not tested					
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL: Dually Completed. Commingled