

CONFIDENTIAL

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 # 7860
name Johnson Drilling Company, Inc.

Wellsite Geologist Lewis Land
Phone 405-949-4400

Purchaser: Not Yet Committed

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
9-25-84 10-7-84 10-31-84
Spud Date Date Reached TD Completion Date

6430' 5872'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1686' KB 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 - 175-20777-0000

County Seward

C SE SE SE Sec 26 Twp 32 Rge 34 X W
(location) 330' FSL, 330' FEL

330 Ft North from Southeast Corner of Secti
330 Ft West from Southeast Corner of Secti
(Note: locate well in section plat below)

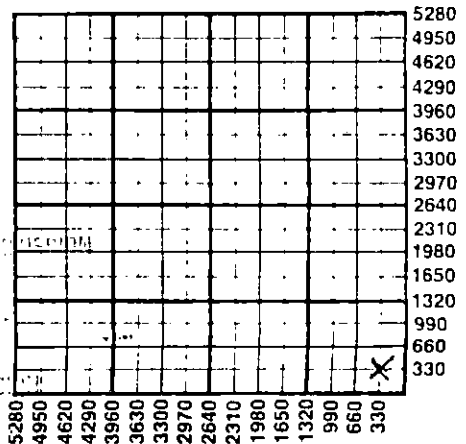
Lease Name Hitch N Well# 1

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 2887' KB

DF: 2897'
Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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

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

Other (explain) Farmer's Well Nearby
(purchased from city, R.W.D.#)

Disposition of Produced Water: None 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 D.G. Oliver
Title Engineering Manager Date 12-10-84

Subscribed and sworn to before me this 10th day of December 19 84

Notary Public Joyce S. Darter
Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time log Received
Distribution
 K&C SWD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1
(This form supercedes
previous forms
ACO-1 & C-10)

Sec. 26 Twp. 32 Rge. 34

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

Schlumberger Electric Logs:

DIL-SFL w/GR,
 CNL-LDT w/GR & Caliper,
 BHC Sonic w/GR,
 Microlog w/GR

Formation Description
 Log Sample

Name	Top	Bottom
Surface, Clay, Sand	0	374
Redbed, Sand, Shale	374	1675
Anhydrite	1675	1687
Shale	1687	2920
Lime & Shale	2920	6430

RELEASED
 FEB 07 1986
 FROM CONFIDENTIAL

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	12-1/4"	8-5/8"	24	1686' KB	65/35 Poz. Class "H"	650	1/2# D-29, 2% CaCl
Production	7-7/8"	5-1/2"	15.5, 14	5929'	50/50 Poz. 18% salt, .8%	200	1/4# D-29, 3% CaCl 2% total gel, D-65, 1/4# D-29
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	Morrow Sandstone 5713-19'						
TUBING RECORD size 2-3/8" set at				packer at 5660' KB	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing method						
10-23-84	<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		
	19 Bbls	4-Point Test: CAF 9000 MCFD ED'A: 2250 MCF	-0- Bbls	118 CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL
 5713-5719'
 Morrow