

4-35-41W *Jim*STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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 Robert Vick
 Phone (405) 949-4400

signate Type of Completion

☒ New Well ☐ Re-Entry

☐ 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

7-27-84 8-5-84 11-14-84
 Mud Date Date Reached TD Completion Date

5050' KB 4979'
 Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1490 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 - 129-20711

County Morton

C. SW NW Sec. 4 Twp. 35 Rge. 41 ☐ East ☒ West
 (location)

3300 Ft North from Southeast Corner of Section
 4620 Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

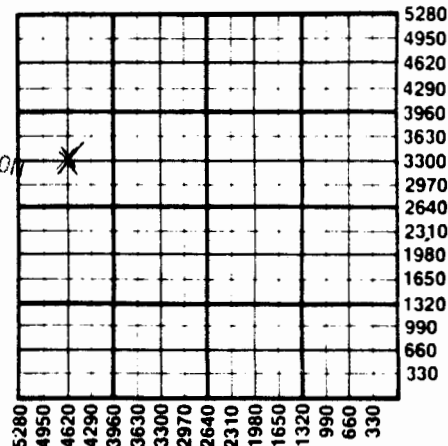
Lease Name Wilburton Morrow "C" Sandwell# 2105
 Unit

Field Name Wilburton

Producing Formation Morrow

Elevation: Ground 3479' KB
 DF: 3490'

Section Plat



X WATER SUPPLY INFORMATION

Source of Water: WMSU #1203 Water Supply Well

Division of Water Resources Permit #

☒ Groundwater 2640 Ft North From Southeast Corner and
 (Well) 660 Ft. West From Southeast Corner of
 Sec 33 Twp 34 Rge 41 ☐ East ☒ West

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

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

Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket #
 Reinjecting into WMSU

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.

SIDE TWO

Operator Name Cities Service Oil & Gas Corp Lease Name WMSU Well# 2105 SEC 4 TWP. 35 RGE. 41 ☐ 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

Name

Top

Bottom

Core #1: 4857-4888' - 7" shale, 29½' clean sand w/good stain and odor and bubbling gas.

Core #2: 4888-4923' - 35' sand and shale

Topeka	3114
Heebner	3488
Toronto	3508
Lansing	3644
Marmaton	3924
Cherokee	4390
Morrow	4729
Morr. "C" Sd.	4850

Logs:

DIL w/GR, CN/L w/GR, Microlog w/GR.

Sand, Redbed, Anhydrite, Shale, Lime & Shale

0-5050'

TUBING RECORD size 2" set at 4862' SN @ 4847' packer at		Liner Run ☐ Yes ☐ No	
Date of First Production	Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)		
Estimated Production Per 24 Hours Pumped	Oil Temporarily Abandoned as Non-commercial. 8 Bbls	Gas 55 MCF	Water 1853 Bbls Gas-Oil Ratio CFPB

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#	1490' KB	65/35 Poz, Class "H"	650	2% CaCl ₂ , 1/2# Flu
Production	7-7/8"	5-1/2"	15.5 & 14#	5044' KB	50/50 Poz,	175	3% CaCl ₂ , 1/4# Flu
							18% salt, 1/4# Flu
							8% CFR-2

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	Perf'd for squeeze 4848-49'	Squeezed w/25 sx Class "H"	4848-49'
4	4901-09' & 4855-86' (Morrow)		