

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

Original Contractor: license #
name Loehmann - Johnson

Wellsite Geologist
Phone

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-21-61 Original: 10-12-61
S Date Date Reached TD Completion Date
5295' 5034'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1494 feet

Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 3408' feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 - 129-97718

County Morton

C SE NW Sec 4 Twp 35 Rge 41
(location) X W

3291 Ft North from Southeast Corner of Sect
3295 Ft West from Southeast Corner of Sect
(Note: locate well in section plat below)

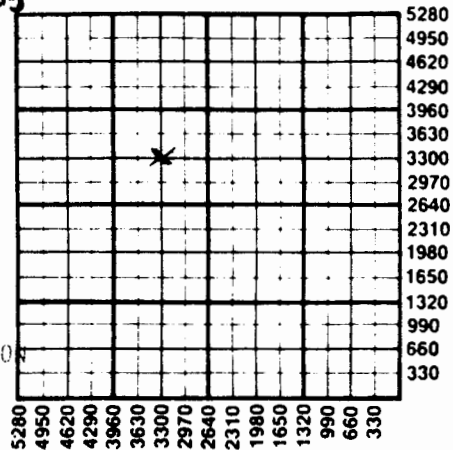
Lease Name Wilburton Morrow "C" Well# 2102W
Sand Unit (WMSU)

Field Name Wilburton

Producing Formation

Elevation: Ground 3475' DF: 3483'
KB

Section Plat



APR 15 1985
State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION
APR 11 1985

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater. Ft North From Southeast Corner (Well) Ft. West From Southeast Corner
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.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 82-3-10 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

SIDE TWO

Operator Name Cities Service Oil & Gas Corp Lease Name WMSU Well# 2102W SEC 4 TWP 35 RGE 41 En We

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test flowing 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

See original completion reports.

Name _____ Top _____ Bottom _____
 See original reports.

Note: Well was originally completed 10-12-61 as a dual oil well in Topeka Zone (3277-89') and Morrow "L" (4933 -38). The well has been TA'd since 11-20-68.

| | | | |
|--|---|--|--------------------|
| TUBING RECORD size 2-3/8" duolined set at packer at 4920' | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Date of First Production 10-9-83 | 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 |
| | Injected 214 Bbls | BW in 24 hours MCF | TP: 560 psig. |
| | | | Gas-Oil Ratio CFPB |

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented
 sold
 used on lease

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

4932-4980'

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# | 1494 | Pozmix | 575 cu. ft. | 280# Floce |
| | | | | | Common | 150 sx. | 75# Flocele |
| Production | 7-7/8" | 5-1/2" | 14# | 5067 | Pozmix | 200 cu. ft. | 100# Flocel |
| | | | DV. @ | 3408' | Pozmix | 150 cu. ft. | 75# Flocele |

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 | 3277-3289 Topeka | (original perms) Squeezed off | 3277-89' |
| 4 | 4933-4938 Morrow "L" | (original perms) | |
| 4 | 4932-4980! Morrow | (workover) Acidized w/4000 gal. 15% HCL | 4932-80' |

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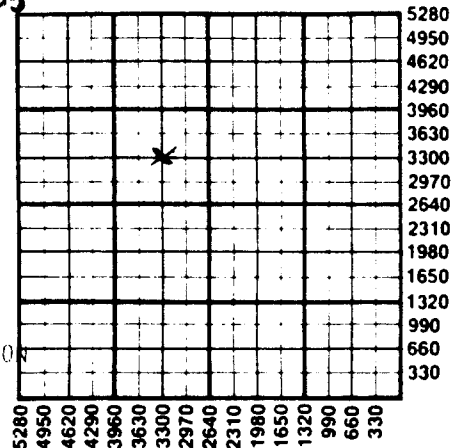
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