AMENDED

SIDE ONE

15-081-10040

per KCC pl 10RL 12/2007

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 #
name Braden Drilling Co.
Gas Purchaser: PEPL

Wellsite Geologist
Phone

Date Type of Completion
☐ New Well ☐ Re-Entry ☐ Workover
Commingled - DKT. #66,524-C (C-8805) dated 8-26-74
☒ 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

RECEIVED
STATE CORPORATION COMMISSION
JUL 16 1984
CONSERVATION DIVISION
Wichita, Kansas

API NO. 15 - ~~081-95097~~

County Haskell

SW-E SE NW Sec 3 Twp 29S Rge 34 ☐ East ☒ West
(location)

3272 FSL ~~3300~~ Ft North from Southeast Corner of Section
3398 FEL ~~660~~ Ft West from Southeast Corner of Section
per GPS (Note: locate well in section plat below)

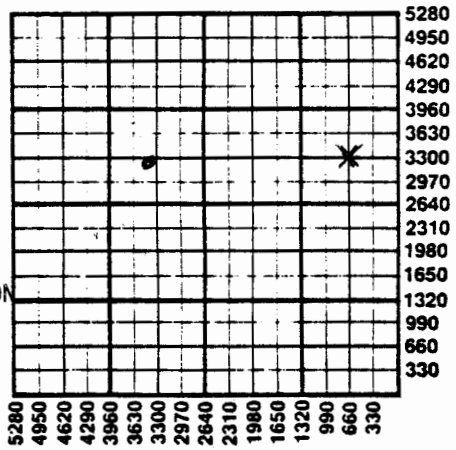
Lease Name Moody A Well# 2

Field Name Eubank

Producing Formation Toronto - LSG. "A" & Lansing "B" - KS.City "A"

Elevation: Ground 2990' KB
DF: 2997'

Section Plat



WELL HISTORY

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ☐ Cable

11-26-60	12-19-60	5-13-61
Spud date	Date Reached TD	Completion Date
5525'	4168'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 1826 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

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Sourtheast 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 #

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.

114386

SIDE TWO

Operator Name Cities Service Oil & Gas Corp. Lease Name Moody. A.... Well# 2... SEC ..3.. TWP. 29.... RGE. 34..... ☐ East ☒ W

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

DST #1: 3980-4020' Good blow decreasing to weak blow. (Toronto)
DST #2: 4043-70' Lansing "A" GTS 1 min. Good blowing gas.
DST #3: 4124-4157 Lansing. Weak blow.
DST #4: 4205-4235' Lansing, Good blow decreasing throughout.
DST #5: 4485-4515' Lansing, Rec. 600' muddy G.O.S.W.
DST #6: 4675-90' Marmaton. Weak blow increasing, Rec. 20' H.O.C.M.
DST #7: 5275-90' Morrow. Weak blow.
DST #8: 5370-90 Chester, Weak blow, died in 18 min.

Logs:
PGAC - Induction ES - Acoustic - caliper & data logs
Temp. Survey, Correlation - Collar

Formation Description
☐ Log ☐ Sample

Name	Top	Bottom

TUBING RECORD size 2 3/8" set at 4090' packer at 4090' | Liner Run ☐ Yes ☒ No

Date of First Production	Producing method					
4-25-61	☐ flowing	☒ pumping	☐ gas lift	☐ Other (explain)		

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Initial Estimated Production Per 24 Hours	Unknown Bbls	Lansing: WHAOF: 7000MCF Toronto: WHAOF: 14,900MCF MCF	Bbls	CFPB	

Disposition of gas: ☐ vented ☒ sold ☐ used on lease

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

PRODUCTION INTERVAL
4064-80
4110-65

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	1826'	450 cu ft. 200 sx common	Poz. 150 cu ft. S.C.,	
Production	7-7/8" w/300 cu. ft. Poz. 100 cu ft. S.C.	5-1/2"	14	5453'	DV @ 3013' 150 sx. com. Above	Cmtd. below w/150 c.f.	Poz. 50 c.f.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	4161-65' (Lsg B-KS. City A)	Acidized w/250 gal mud acid.	4110-65'
2	4116-20' (Lsg B-KS. City A)	1000 gal. 15%, 4000 gas 15%	4110-65'
4	4110-16' (Lsg B-KS. City A)	& 4000 gal 15%	4110-65'
4	4064-4080' (Tor-Lsg A)	Acidized w/250 gal	4064-80'