

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. \_\_\_\_\_

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP \_\_\_\_\_

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS, REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F.  Letter requesting confidentiality attached.

C.  Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)\*\*\*Check here if NO logs were run \_\_\_\_\_.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5447 EXPIRATION DATE 6-30-84

OPERATOR CITIES SERVICE OIL & GAS CORP. API NO. 15-129-20,689-00-00

ADDRESS 3545 N.W. 58TH STREET COUNTY Morton  
OKLAHOMA CITY, OKLAHOMA 73112 FIELD Wilburton

\*\* CONTACT PERSON Raymond Hui PROD. FORMATION Morrow  
PHONE 405-949-4400 Indicate if new pay. \_\_\_\_\_

PURCHASER CITGO Petroleum Corp. LEASE Wilburton Morrow "C" Sand Unit

ADDRESS Box 3758 WELL NO. 1704  
Tulsa, OK 74102 WELL LOCATION C SW SW

DRILLING CONTRACTOR Earl F. Wakefield, Inc. 660 Ft. from South Line and  
ADDRESS 300 West Douglas, Suite 500 660 Ft. from West Line of  
Wichita, Kansas 67202 the SW (Qtr.) SEC 33 TWP 34 RGE 41 (E) (W)

PLUGGING CONTRACTOR ADDRESS \_\_\_\_\_

WELL PLAT

		33	
X			

(Office Use Only)

KCC

KGS

SWD/REP \_\_\_\_\_

PLG. \_\_\_\_\_

NGPA \_\_\_\_\_

TOTAL DEPTH 5024 PBD 4980'

SPUD DATE 12-06-83 DATE COMPLETED 2-7-84

ELEV: GR 3482' DF \_\_\_\_\_ KB \_\_\_\_\_

DRILLED WITH (~~RAMM~~) (ROTARY) (~~RAMM~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE \_\_\_\_\_

Amount of surface pipe set and cemented 1483' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion \_\_\_\_\_ Other completion \_\_\_\_\_ NGPA filing \_\_\_\_\_

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

D. G. Oliver

A F F I D A V I T

\_\_\_\_\_, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

D. G. Oliver, Engineering Manager  
*D. G. Oliver*  
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 29<sup>th</sup> day of February, 19 84.

MY COMMISSION EXPIRES: July 15, 1984

*Oliver C. [Signature]*  
(NOTARY PUBLIC RECEIVED)  
STATE CORPORATION COMMISSION  
RECEIVED  
STATE CORPORATION COMMISSION  
MAR 02 1984  
MAR 02 1984  
CONSERVATION DIVISION  
Wichita, Kansas

\*\* The person who can be reached by phone regarding any questions concerning this information.

Side TWO OPERATOR CITIES SERVICE LEASE NAME "C" Sand Unit SEC 33 TWP 34 RGE 41 (W) Wilburton Morrow  
 WELL NO 1704

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
X Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.			LOGGING: Dual Induction-SFL & GR, Comp. Density w/GR, CCL/GR/CBL	
Conductor	0	20		
Red Bed - Gyp	20	1025		
Gloretta Sand	1025	1175		
Red Bed - Gyp - Anhydrite	1175	1480		
Anhydrite	1480	1493		
Red Bed & Shale	1493	1890		
Shale	1890	2235		
Shale & Lime	2235	2395		
Lime & Shale	2395	2615		
Shale & Lime	2615	2810		
Lime & Shale	2810	4585		
Lime & Shale & Sand	4585	4755		
Lime & Shale	4755	5024		
R.T.D.	5024			

If additional space is needed use Page 2

Report of all strings set—surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Conductor		20"		20'			
Surface	12 1/4"	8 5/8"	24#	KB 1483'	65/35 Lt. Poz Class "H"	650 150	2% CaCl, 1/2# flocele 3% CaCl 1/4# "
Production	7 7/8"	5 1/2"	14#	KB 5023'	50/50 Poz	175	2% Tot. Gel, 18% salt, .8% CFR-2, 1/4# flocele

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4 DPJ	Morrow	4909-28'
Size 2 7/8"	Setting depth 4939'	KB	Packer set at		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production <u>12-30-83</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>	Gravity <u>39.3°</u>
State Test: <u>2-10-84</u>		
Estimated Production-I.P. Oil <u>497</u> bbls.	Gas <u>1237</u> MCF	Water <u>2</u> %
Disposition of gas (vented, used on lease or sold) <u>To be sold</u>		Gas-oil ratio <u>2489</u> CFPB
		Perforations <u>4909-28'</u>

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial	<del>XXXXXX</del>	<del>XXXXXX</del>	<del>XXXXXXXXXX</del>	TEST DATE:
Company	Lease		Well No.	
Cities Service Oil & Gas Corp.	WMSU		1704	
County	Location	Section	Township	Range
Morton	660'FSL & 660'FWL	33	34S	41W
Field	Reservoir	Pipeline Connection		
Wilburton	Morrow	Jayhawk		
Completion Date	Type Completion(Describe)	Plug Back T.D.	Packer Set At	
2-4-84	Single Oil	4980	None	
Production Method:	Type Fluid Production	API Gravity of Liquid/Oil		
<del>XXXXXX</del> Pumping	Oil.	39.3 @ 60°		
Casing Size	Weight	I.D.	Set At	Perforations To
5- $\frac{1}{2}$	14.0 #/ft.	5.012	5023	4909 - 4928
Tubing Size	Weight	I.D.	Set At	Perforations To
2- $\frac{7}{8}$	6.5#/ft.	2.441	4939	SN @ 4922
Pretest:	Starting Date			Duration Hrs.
	2-8-84 Time 10 30			24
Test:	Starting Date			Duration Hrs.
	2-9-84 Time 10 30			24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure			Choke Size						
Casing: 120.0	Tubing:									
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.				
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									2	497
Test:	meta	0				meta		497	2	497
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
<del>XXXXXX</del>	Flange Taps:	Differential: 100	Static Pressure: 100					
Measuring Device	Run- <del>XXXXXX</del> Prover	Orifice Size	Meter- <del>XXXXXX</del> Prover	Tester Pressure	Diff. Press.	Gravity	Flowing	
	Flange Size		In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	3	2	36.0		51.0	.736		60
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD	Meter-Prover	Extension	Gravity	Flowing Temp.	Deviation	Chart
(Fb)(Fp)(OWTC)	Press.(Psia)(Pm)	√hw x Pm	Factor (Fg)	Factor (Ft)	Factor (Fpv)	Factor(Fd)
21.86	65.4	48.52	1.166	1.000		

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.  
 Flow Rate (R): 1236.7 Bbls./Day: 497 (GOR) = 2.489 per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_

For Offset Operator

For State

For Company

Gas go to C.I.G