

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC #(316) 263-3238. No Log

LICENSE # 5447 EXPIRATION DATE 6-30-84

OPERATOR CITIES SERVICE OIL & GAS CORPORATION API NO. 15-129-20,676-0000

ADDRESS 3545 N.W. 58TH STREET COUNTY MORTON

OKLAHOMA CITY, OKLAHOMA 73112 FIELD WILBURTON

** CONTACT PERSON Raymond Hui PROD. FORMATION Morrow
TELEPHONE NO. 405-949-4400

PURCHASER CITGO Petroleum Corp. LEASE WILBURTON MORROW SD UNIT

ADDRESS Box 3758 WELL NO. 1703

Tulsa, OK 74102 WELL LOCATION C NE SW

DRILLING CONTRACTOR EARL F. WAKEFIELD, INC. 1980 Ft. from South Line and

ADDRESS 300 WEST DOUGLAS, SUITE 500 1980 Ft. from West Line of

WICHITA, KANSAS 67202 the SW (Qtr.) SEC 33 TWP 34 RGE 41 (W)

PLUGGING CONTRACTOR ADDRESS (Office Use Only)

TOTAL DEPTH 4997' PBD 4965

SPUD DATE 9-16-83 DATE COMPLETED 2-10-84

ELEV: GR 3468' DF 3473' KB

DRILLED WITH (SPEX) (ROTARY) (KCK) TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

WELL PLAT

		33	

KCC ✓
KGS ✓
SWD/REP
PLG:

Amount of surface pipe set and cemented 1474' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) (Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO, Other

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

A F F I D A V I T

D. G. Oliver

_____, 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 23rd day of February, 19 84.

MY COMMISSION EXPIRES: July 18, 1984 *Oliver E. Muneo* Notary Public

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

RECEIVED
STATE CORPORATION COMMISSION
FEB 24 1984
CONSERVATION DIVISION
Wichita, Kansas

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1703

Show all important zones of porosity and contents thereof; cased 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.			LOGGING: DIL-SFL w/GR	
Surface Sand - Clay	0	275	SP, CNL-FDC w/GR & caliper,	
Red Bed - Gyp	275	535	CB & CCL	
Sand, Red Bed, Gyp	535	770		
Red Bed & Gyp	770	905		
Red Bed - Gyp	905	1040		
Sand	1040	1155		
Red Bed - Anhydrite	1155	1474		
Anhydrite - Shale	1474	1490		
Shale	1490	2200		
Lime & Shale	2200	2620		
Shale & Lime	2620	2770		
Lime & Shale	2770	4740		
Shale & Lime	4740	4870		
Lime & Shale	4870	4878		
Coring	4878	4924		
Lime & Shale	4924	4997		
R.T.D.	4997			
Glorietta Sand	1040	1155		

If additional space is needed use Page 2, Side 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	Sacks	Type and percent additives
Conductor		20"		30'			
Surface	12 1/4"	8 5/8"	24#	KB 1474'	65/35 Poz.	650	6% Tot. Gel, 2% CaCl 1/2# Flo- 3% CaCl 1/4# Flocele
Production	7-7/8"	5-1/2"	14#	4996 KB	50/50 Poz.	175	2% Tot. Gel, 18% salt .8% CFR-2 1/4# Flo.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size - Type	Depth Interval
TUBING RECORD			2	Morrow "C"	4923-33'
TUBING RECORD			2	" "	4903-16
Size	Setting depth	Packer set at	2	" "	4878-88'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth Interval treated

Date of first production: 2-6-84	Producing method (flowing, pumping, gas lift, etc.)	Gravity
State Test: 2-10-84	Pumping	36.8°

Estimated Production - I.P.	Oil 42 bbls.	Gas 35.8 MCF	Water % 467 bbls.	Gas-oil ratio 852 cps
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Disposition of gas treated, used on lease or sold
To Be Sold

Perforations
3 zones: 4878-4933'

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial ~~ANNUL~~ ~~WEEKLY~~ ~~DECLINE~~ TEST DATE: 2-9-84

Company: Cities Service Oil & Gas Corp. Lease: WMSU Well No.: 1703

County: Morton Location: 1980'FSL & 1980'FWL Section: 33 Township: 34S Range: 41W Acres: 40

Field: Wilburton Reservoir: Morrow Pipeline Connection: Jayhawk

Completion Date: 2-4-84 Type Completion(Describe): Single Oil Plug Back T.D.: 4965 Packer Set At: none

Production Method: ~~Pumping~~ ~~Gas Lift~~ Type Fluid Production: Oil API Gravity of Liquid/Oil: 36.8 @ 60°

Casing Size: 5 1/2" Weight: 14.0#/ft. I.D.: 5.012 Set At: 4996 Perforations: 4878 - 4933 To

Tubing Size: 2-7/8" Weight: 6.5#/ft. I.D.: 2.441 Set At: 4877 Perforations: SN @ 4846 To

Pretest: Starting Date 2-9-84 Time 10AM Ending Date 2-9-84 Time 10AM Duration Hrs. 24

Test: Starting Date 2-9-84 Time 10AM Ending Date 2-10-84 Time 10AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	100-0	Tubing:							
Bbls./In.	Tank		Starting Gauge		Ending Gauge		Net Prod. Bbls.		
	Size	Number	Feet	Inches	Feet	Inches	Barrels	Water	Oil
Pretest:								468	43
Test:	meter	0			meter	-	42	467	42
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Flange Taps:				Differential: 100		Static Pressure: 100	
Measuring Device	Run-Tester	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing	
Orifice Meter	3	1/2	11.0	58.4 psig	(hw) or (hd)	Gas (Gg)	Temp. (t)
Critical Flow Prover							
Orifice Well Tester						1736	60°

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214	58.4	25.35	1.166	1.000		

Gas Prod. MCFD: 35.8 Oil Prod. Bbls./Day: 42 Gas/Oil Ratio (GOR) = 857 (Cubic Ft. 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 _____ 1984

For Offset Operator: *Ker B. Sabes* For State: _____ For Company: *Daniel P. Coz*

Gas go to C.I.G.

RECEIVED
STATE CORPORATION COMMISSION
FEB 15 1984
CONSERVATION DIVISION
Wichita, Kansas