

AMENDED - to show conversion to SWD Well

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

TYPE

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.

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. Docket #CD-9825(C-21,230)

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.

LICENSE # 5447 EXPIRATION DATE 6-30-83

OPERATOR Cities Service Co. API NO. 15-171-20207-0001

ADDRESS 3545 N.W. 58th St. COUNTY Scott

Okla. City, OK 73112 FIELD Rothfelder

** CONTACT PERSON Larry Ervin Disposal FORMATION Lansing

PHONE (405)949-4400

PURCHASER Not Applic. LEASE Rothfelder A

ADDRESS WELL NO. 3 SWD

DRILLING Johnson Drilling Co. 660 Ft. from South Line and

CONTRACTOR 111 Main St. 1980 Ft. from East Line of

ADDRESS Evansville, Indiana 47708 the SE (Qtr.) SEC 7 TWP 20S RGE 33 (W).

PLUGGING CONTRACTOR ADDRESS WELL PLAT (Office Use Only)

TOTAL DEPTH 4810' PSTD 4400' RECOMPLETED AS SWD 12-20-82

SPUD DATE 3-27-81 DATE COMPLETED 6-2-82

ELEV: GR 2986' DF 2993' KB 2995'

DRILLED WITH (ROTARY) TOOLS.

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

Amount of surface pipe set and cemented 1262' 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

Verlin Meier, 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.

Verlin Meier Prod. Region Mgr. (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 29th day of December 1982.

Joyce L. Porter (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 6-10-84

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

JAN 17 1983 1-17-83 CONSERVATION DIVISION Wichita, Kansas

OPERATOR Cities Service Co.

LEASE Rothfelder A

SEC. 7 TWP. 20 RGE. 33

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 3

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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
Clay & Sand	0	168	LOGGING: Dual Induction SFL,	
Sand & Red Bed	168	1253	Compensated Formation Density	
Anhydrite	1253	1263	Log w/Gamma Ray & Caliper,	
Anhydrite & Shale	1263	2395	Microlog. Cement bond &	
Lime & Shale	2395	4810	collar correlation log.	
TOTAL DEPTH		4810		

*Perforations 4724-40' squeezed w/125 sx cmt.
 Perforations 4704-09' & 4712-15 squeezed w/125 sx cmt.
 Set cast iron bridge plug at 4653' capped w/1 sx cmt, plugging off perforations 4656-60'
 Set cast iron bridge plug at 4575' capped w/1 sx cmt plugging off perforations 4620-24'
 Set cast iron bridge plug at 4400' capped w/1 sx cmt, plugging off perforations 4453-58'

*Originally completed as Dry Hole
 Original ACO-1 dated 6-3-82*

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or ~~XXXXX~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1262'	See original ACO-1		
Production	7-7/8"	5-1/2"	14#	4809'	See original ACO-1		

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Shoe-type	Depth interval
			See original ACO-1		
		Baker Model AD-1	New Perfs.:		
			4DP Jet	Lansing	4209-19'
Size	Setting depth	Packer set at			
2-3/8" duolined	4146'	4146' KB'	4DP Jet	Lansing	4243-51'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See original ACO-1 dated 6-3-82. Original perfs. of 4453-4740' either squeezed or plugged off.	
Acidized 4243-51' w/1000 gals. 15% MSR-100 acid. Acidized 4209-19' w/1250 gals. MSR-100 acid.	
Date of first injection	Producing method (flowing, pumping, gas lift, etc.)
12-20-82: Injected 120 bbls. produced water in 4 hours	XXXXXX
Estimated Production -I.P.	Gas
	Water %
	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)	Perforations 4209-4251'

SIDE TWO

WELL LOG

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Sand	0	168	LOGGING: Dual Induction SFL,	
Sand & Red Bed	168	1253	Compensated Formation Density	
Anhydrite	1253	1263	Log w/Gamma Ray & Caliper, Micro	
Anhydrite & Shale	1263	2395	Microlog. Cement bond &	
Lime & Shale	2395	4810	collar correlation log.	
TOTAL DEPTH		4810		

NOTE: This well will be plugged and abandoned or used as salt water disposal well.

*Perforations 4724-40' squeezed w/125 sx cmt.
 Perforations 4704-09' & 4712-15 squeezed w/125 sx cmt.
 Set cast iron bridge plug at 4653' capped w/1 sx cmt, plugging off perforations 4656-60'.
 Set cast iron bridge plug at 4575' capped w/1 sx cmt plugging off perforations 4620-24'.
 Set cast iron bridge plug at 4400' capped w/1 sx cmt, plugging off perforations 4453-58'.

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
Surface	12-1/4"	8-5/8"	24#	1262'	500 sx. Howco Flocele; 150	Lite, 2% CaCl, 1/2# sx Class H w/3% CaCl, 1/4#	Flocele
Production	7-7/8"	5-1/2"	14#	4809'	200 sx 50/50 2% Gel	Pozmix w/18% salt, 0.8% CFR-2,	

LINER RECORD

*** PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP Jets	Depth interval
			2		4724-40'
			3	" "	4712-15'
			3	" "	4704-09'
			4	" "	4656-60'
			4	" "	4620-24'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		DP Jets	Depth interval treated
2000 gals acid, 35,000 gals. Treated wtr & 25,000# 20/40 Sd			4724-40'
1000 gals acid			4704-09, 4712-15'
750 gals, acid 16,000 gals. Treated wtr & acid & 15,000# 20/40 Sand			4656-60'
750 gals acid, 15,000 gals. Treated wtr & acid & 11,000# 20/40 Sd			4620-24'
750 gals acid			4453-58'
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity	
Dry Hole			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water % bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)		Perforations	