## RECEIVED

Operator: License # 4548

APR 29 200%

KCC WICHITA

## Kansas Corporation Commission APR 19 228 OIL & GAS CONSERVATION DIVISION

RELEASED

Form ACO-1 September 1999 Form Must Be Typed

ORIGINAL

## WELL COMPLETION FORMROM CONFIDENTIAL

API No. 15 - 991-20967-0001

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name: ONEOK Resources Company	County: Barber
Address: 100 W. 5th St.	
City/State/Zip: Tulsa, OK 74103-4298	1,320 feet from S / (N) (circle one) Line of Section
Purchaser: ONEOK Midstream Gas Supply LLC	1,320 feet from E / W (circle one) Line of Section
Operator Contact Person: Daryl Duvall	Footages Calculated from Nearest Outside Section Corner:
Phone: (918) 588-7711	(circle one) (NE) SE NW SW
Contractor: Name: NA KCC	Lease Name: Sternberger E Well #: 1-2
License: NA	Field Name: Aetna
Wellsite Geologist: NA APR 2 6 2002	Producing Formation: Mississippian
Designate Type of Completion:  New Well Re-Entry Workover	Elevation: Ground: 1,513' Kelly Bushing: 1,524'  Total Depth: 4,855' Plug Back Total Depth: 4,150'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 377 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: Cities Service Company	
Well Name: Sternberger E 1	feet depth to sx cmt.
Original Comp. Date: 12-06-80 Original Total Depth: 4,855'	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back 4,150' Plug Back Total Depth	Chloride content ppm Fluid volume bbls  Dewatering method used
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
·	Lease Name: License No.:
03-01-02	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	
Signature:	KCC Office Use ONLY
Title: District EngineerDate: 4/26/02	Letter of Confidentiality Attached
Subscribed and sworn to before me this 26th day of April	# Denied, Yes Date:
to 2002.	Wireline Log Received
Notary Public Andrew A) Property	PUBLIC Geologist Report Received
Notary Public: MUNICY V. VXVIII	IN AND FOR UIC Distribution
Date Commission Expires: V/-27-2005	OK HOMP - LIN
•	VSA COUNTY

Challe State 

<b>₩ %</b>			Side Two								
Operator Name: ON	IEOK Resources	Company		Lease	Name:	Sternberger	E	weii #: 1-2			
Sec. 2 Twp. 3					<sub>/:</sub> _Barb						
instructions: Si tested, time tool ope temperature, fluid red Electric Wireline Log	how important tops a and closed, flowing covery, and flow rate	and base of form g and shut-in pro s if gas to surface	essures, ce test, a	whether sl long with f	าut-ลู่ค ื้อก็ย	ssure reached	static level, hydros	static pressur	es, botton	n hole	
Drill Stem Tests Taken Yes No (Attach Additional Sheets)			Log Formation			ion (Top), Depth ar	(Top), Depth and Datum Sample				
Samples Sent to Ge	ological Survey	Yes	No		Name Ref. L.A.S.Car				atum		
Cores Taken Electric Log Run (Submit Copy)		Yes No Yes No			APR 19 200 FROM CC.						
List All E. Logs Run:						×	FRUN	ACC	g joya syan		
		•			, 8 <sub>1</sub>	The second of th					
				RECORD	Ne urface inte	w Used	tion etc				
Purpose of String Size Hole Drilled		Size Casing Set (In O.D.)		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used		nd Percent Iditives	
Surface 12 1/4"		8 5/8"				377'	50-50Pozmix	300	3%Ca	CI-2	
Production	7 7/8"	4 1/2"		9.5#		4,854'	50-50Pozmi	225	10% N	lcCl.75%(	
					1 2 2 2						
Purpose:	Depth	ADL Type of Cer	·	I	ING / SQUEEZE RECORD  S Used Type and Percent Additives						
Perforate Protect Casing Plug Back TD	Top Bottom	,			with the expense of the		.yyo ana i oronic radiiyoo				
Plug Off Zone									***		
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth						
	RBP @ 4,150'	P/8 - TV (VIII VIII VIII VIII VIII VIII VIII									
4	4,750' - 4,755'					500 gal 15% NE/FE;17 bbls 2% KCL 4,750'					
4	4,596' - 4,600'					500 gal 15% NE/FE;19 bbls 2% KCL 4,596'					
4	4,104' - 4,108'					500 gal 15% NE/FE;17 bbls 2% KCL 4,104'					
TUBING RECORD  2 3  Date of First, Resumed	Size 3/8" Production, SWD or Ei	Set At 4,067'	4 ucing Meth	Packer A	t	Liner Run	Yes No				
03-10-02 Estimated Production	Oil	Bbls. (	Gas	Mcf	/ Flowing Wate	·		Others-Oil Ratio	er <i>(Explain)</i>	Gravity	
Per 24 Hours	1	737	•		25	3		A LOCAL TO MANAGEMENT			
Disposition of Gas	METHOD OF C	OMPLE HON		,		Production Inter	rval				

	KAN2A2		$\widehat{}$	•		*	$\overline{}$				
* *	WELL COMPLETED DRILLER'S LOG	CONF	SONFIDENTIAL RECEIVED -			ر ا	' <sub> </sub> sORIGINAL				
$\frown$	API No. 15	001		,967				Loc. 1320	)'FNL - 1320'FEL		
	Operator	County	N	umber	KCC N	VICHITA		Causes P	arber -		
									640 Acres		
	Address		*					r T T	N		
	800 Sutton Place Bldg., 209 E. William, Wichita, Kansas 67								- 60		
	1 Sternberger "F"										
	Foctoge Location								+0+++		
	1320 - feet from	(N) (E) line									
	Gabbert a	nd Jone's	Geo	Geologist Well Site - Alan Snid				160	60		
_	Spud Date	Date Completed	Tota	ol Depth	P.B.T.D			Loca	te well correctly		
$\bigcup$	8-25-80  Directional Deviation	12-6-80		4855'				Elev.: Gr	1513'		
	No directiona	l deviation	Oil	Oil and/or Gas Purchaser					кв1524'		
	CASING RECORD										
$\mathcal{C}$	Report of all strings set — surface, intermediate, production, etc.										
_	Purpose of string	Size hole drilled		·	Setting depth	7		<u> </u>	Type and percent		
	0 6				depti.	Type ce	ment	Sacks	additives		
	Surface	121,	8-5/8"	24#	377'	50-50 Pc	ozmix	300	3% CaC1-2		
	Production	7-7/8"	4-1/2"	9.5#	4854'	50-50 Pc	ozmix	225	10% NaC1 .75% CFR-2		
7	-										
_				1.16				<del> </del>			
		111170 0000		L_KC			<del></del>				
	Top, ft.	LINER RECOR		APR 2	d 2002	2002 PERFORATION RECORD					
	100, 17.	Bottom, ft.	Sacks ce	Sacks cement		Shots per ft.		EAREN	Depth interval		
		CONFIDENTIAL			ADD 1	9 2606					
Dl	Size	Setting depth	Packer s	Packer set at			7-68 8 b	- 1000g	4772'-4790'		
_	2" EUE 4797'					FROI	M CC	<b>.</b> '6;			
		A	CID, FRACTI	URE, SHOT,	CEMENT SQL				1		
$\backslash$	Amount and kind of material used							Depth interval treated			
기	Spot acid on perforations w/1000 gallons 15% Ne acid							4772'-4790'			
								4772 -4790			
f	Foam frac w/21,000 gallons foam and 20,000# 20-40 sand							4772-4790'			
}											
	INITIAL PRODUCTION										
Date of first production Producing method (flowing, pumping, gas lift; etc.) Pumping Pumping											
Γ	RATE OF PRODUCTION PER 24 HOURS	Oil	8	Gas				as-oil ratio			
)t	Disposition of gas (vented,	ŧ	bble	<u>. l</u>	490 "	CF   Broduci	17	bbls.	СҒРВ		
Sold						Produci		nterval (s) 772 ' – 4790 '			
	INSTRUCTIONS: As no										

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Cities Serv	lica			DESIGNALE TYPE OF DRY HOLE, SWDW, E	COMP.: OIL, GAS
Well No.	Gas				
s 2 T 35S R 14 W					
	WELL LOG				
Show all important zones of p cluding depth interval tested, c	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.				
	IPTION, CONTENTS, ETC.	ТОР	воттом	NAME	DEPTH
Sec Attached					
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6	FROMCON	Participation of the Control of the			
	ERONGE	Characteristics			
	2A3139	High a rudome edge			
	USE ADDITIONAL SHEETS, IF	I NECESSARY, TO	COMPLETE WE	LL RECORD.	
Date Received		147/	Museum .		
	•		yaney s	ignature	······································
		kea four h		lanager Title	
			: February	27, 1981	
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enter.