Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5920	API No. 15 - 015-23585-0000
Operator: License #	County: Butler
Address: P.O. Box 522	160'W SE SE NWsec. 28 Twp. 27 S. R. 04 X East West
City/State/Zip: Canton, Kansas 67428	2310 feet from S /(N) (circle one) Line of Section
Purchaser: Cooperative Refining LLC	
Operator Contact Person: Terry P. Bandy	Footages Calculated from Nearest Outside Section Corner:
Phone: (_316) 628-4428	(circle one) NE SE (NW) SW
Contractor: Name: C & G Drilling	Lease Name: Kramer Well #: 19
License: 32701	Field Name: Augusta North
Wellsite Geologist: Thomas E. Blair	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 1223 Kelly Bushing: 1228
X_ New Well Re-Entry Workover	Total Depth: 2384 Plug Back Total Depth:
X Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at
Gas ENHR SIGW	
	Multiple Stage Cementing Collar Used? Yes XNo If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc)	
If Workover/Re-entry: Old Well Info as follows:	feet depth to0 w/140sx cmt.
Operator:	B
Well Name:	Drilling Tull Management Plan ALT I EIH 1/10/03
Original Comp. Date: Original Total Depth:	Data may pe collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SVD	Chlorie content 1100 ppm Fluid volume 190 bbls
Plug Back Plug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No.	Location of Tuid disposal if hauled offsite:
Dual Completion Docket No Other (SWD or Enhr.?) Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	
12-10-00 12-20-00 1-15-01	Lease No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
recompletion bate	County: Docket No.:
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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It 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 regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Terry P. Band	KCC Office Use ONLY
1 121/22/2001	
Fitle: Uperator Date: 1/31/2001	Letter of Confidentiality Attached
Subscribed and sworn to before me this <u>31st</u> day of <u>January</u>	If Denied, Yes Date:
X ₉ 2001	Wireline Log Received
Notary Public: Cynthia & Keiner	Geologist Report Received UIC Distribution
Date Commission Expires: May 15, 2002 CYNTHIA Q	
Sinta of NOTATY	

My Appl. Exect 4502

ORIGINAL

NSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, but the tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, but the tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, but the tested of the content of	Operator Name:	Te-Pe Oil	& Gas		Leas	e Name:	Kra	mer		_ Well #:	19		_
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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report. Drill Stem Tests Taken	Sec28 Twp	27 s. R	<u>04</u> [X]Ea	st 🗌 West	Coun	County:		Butler				11, 1	_
Name	tested, time tool ope temperature, fluid re	en and closed, flo covery, and flow	wing and sho rates if gas to	t-in pressures, surface test, a	whether s along with	shut-in pre	essure re	eached s	tatic level, hydro	ostatic pressu	res, botto	om hole	
Samples Sent to Geological Survey						∑ Log Formation (Top), Depth and Datum ☐ Sa						Sample	_
Douglas Sand 1437 - 229	· · · · · · · · · · · · · · · · · · ·			∕es IXINo						•			
Electric Log Run	· · · ·												
Submit Copy Ransas City			_										
BKC 2126 - 898 Pawnee 2188 - 960 Pt. Scott 2233 -1005 Cherokee 2312 -1084 Erostanol Arbuckle 2356 -1128 * Sample Arbuckle Dolomite 2361 -1134 * Sample Arbuckle Dolomite 2361 -1134 * Sample Arbuckle Dolomite 2361 -1134 * Sample Arbuckle Dolomite Dol	_					ı	S						
Pawnee	List All E. Logs Run:					1							
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Erosianol Arbuckle 2356 -1128 * Sample Arbuckle Dolomite 2361 -1134 * Sample 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.) Set (in O	DIL	Dual Poro	sity										
Arbuckle Dolomite 2361 -1134 * Sample CASING RECORD New Used New Used New Used New Used New Used New New Used New New New New Used New N										•			
CASING RECORD New Vosed Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drilled Size Casing Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives Surface 12-1/4 8-5/8 24# 297 Common 140 3% CC Production 7-7/8 5-1/2 17# 2375 60/40 - 10# salt and 7-7/8 5-1/2 17# 2375 by gilsonite / sk ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Plug Sack TD Plug Off Zone Protect Casing Plug Back TD Plug Off Zone Protect Casing Plug Back TD Plug Off Zone Plug Sack TD Plug Off Zone Specify Footage of Each Interval Perforated Additives Pepth Specify Footage of Each Interval Perforated Plug Sack TD Plug Off Zone Plug Sack TD Plug Depth Plug Sack TD Plu											-	-1128 *	Sample
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Set (In O.D.) Lbs./Ft. Setting Depth Type of Cement Used Additives Surface 12-1/4 8-5/8 24# 297 Common 140 3% CC Production 7-7/8 5-1/2 17# 2375 60/40 10# salt and Pozmix 175 5# gilsonite /sk ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Back TD Plug Off Zone Production Plug Off Zone Protect Casing Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Shots Per Foot Open Hole 2375-2384 Depth Top Bottom Depth Depth Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Depth Top Depth Top Depth Top Depth Top Depth Top Depth Depth Top Depth Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Depth Top Dep				CASING	RECORD				Ourre	2301		-1134 ^	Sampre
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Surface 12-1/4 8-5/8 24# 297 Common 140 3% CC	Purpose of String												1
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Popen Hole 2375–2384 175 5# gilsonite /sk ADDITIONAL CEMENTING / SQUEEZE RECORD Type and Percent Additives Type and Percent Additives Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Depth 150 gad 157 NEF FE 2375–84	Surface				1								
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Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated — Open Hole 2375–2384 Depth Type and Percent Additives Type and Percent Additives Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Depth 150 gad 15% NE-FE 2375–84									POZMIX	1/5 5# 8		Isonite	J./sk
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Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Perforate Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Open Hole 2375–2384 Depth	Buranco	D#	·	ADDITIONAL	CEMENT	NG / SQL	SQUEEZE RECORD						
Protect Casing Plug Back TD 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 Open Hole 2375–2384 150 paid 15% NE FE 2375–84	1 '		Тур	of Cement	f Cement #Sacks Used		Type and Percent Additives						
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Open Hole 2375–2384 Depth 150 gad 5% NE FE 2375–84	Protect Casing										***************************************		1
Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Open Hole 2375–2384 150 gad 5% NE FE 2375–84													1
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	- Open Hole 2375-238/						150 mod =157 NEV EE						
KANSAS CORPORATION COMMISSIE!												2373-04	1
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FEB 2 2001							FE	B 2	2 2001				
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TUBING RECORD Size Set At Packer At CONSERVATION DIVISION	TURING RECORD	Sizo	C-1.01			- 60	MICEO	MATH	M RAWSIC	in i			
TUBING RECORD Size Set At Packer At CUNDENTALION DIVISION 2-7/8 2370 - □ Yes 🗓 No	TOBING RECORD			0	Packer A	" CO	LI ATOKTIKA			fΨ			
Date of First, Resumed Production, SWD or Enhr. Producing Method	Date of First, Resumed	Production, SWD o	r Enhr.	Producing Metho	od		······································					***	
1/19/2001 Flowing 🖾 Pumping 🔲 Gas Lift 🔲 Other (Explain)			••		_	Flowing	X	Pumping	Gas Lift	Othe	er (Explain)	
Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity	Estimated Production	· · · · · · · · · · · · · · · · · · ·	Bbls.	Gas I	Mcf	Wate		Bbis	s. G	as-Oil Ratio		Gravity	
Per 24 Hours 102.0 0 0 40	Per 24 Hours	102	2.0	0									
Disposition of Gas None METHOD OF COMPLETION Production Interval 2375-2384	Disposition of Gas None METHOD OF COMPLETION						Production Interval 2375-2384						I
Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (If vented, Sumit ACO-18.) ☐ Other (Specify)			: e		_	D	ually Com	ıp. [Commingled				