INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichite, Kansas 67202, within 120 days of the spud date of any well. 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

10-7-89

Spud Date

and the Statements herein are complete and correct to the best of my kr	iont edge.				
Signature Elwyn H. hogel	K.C.C. OFFICE USE ONLY				
TitleElwyn H. Nagel, Manager Date 3/2/90	F Letter of Confidentiality Attached C Wireline Log Received				
Subscribed and sworn to before me this and day of Selections	C Drillers Timelog Received Distribution KCC SUD/Rep NGPA				
Hotery Public Like Siel	KGS Plug Other				
Date Commission Expires 2-31-93	(Specify)				
V. JEAN FE					
STATE OF KANS My Appt. Exp.	AS Form Arn-1 (7-80)				

SIDE TUO

JAMON I

Operator Name	F, 0	. Holl	Company	, <u> </u>	Lease Ner	ne <u>Kenine</u>	đ y	Well #	1-29	
	1.		☐ East		County	Pratt		Ŋ.		
Sec. 29 Tup.	29 Rg	e. <u>12</u>	 ✓ Vest							
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval 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 during test. Attach extra sheet if more space is needed. Attach copy of log.										
Drill Stem Tests Taken (Attach Additional Sheets.)			□ No		Formation Description					
Samples Sent to Geological Survey						X Log	Sample			
Cores Taken	•		☐ Yes	X No	Name		10p 2809	Bott	оп	
Electric Log Run (Submit Copy.)			🛚 Yes	□ Ho	Indian Topeka Heebne	ı	3326 3711	(-900) (-1417) (-1802)		
						s Shale	3752	(-1843)		
			•		_	s Sand	3768	(-1859		
•					Brown		3888	(-1979))	
					Lansin	g/ K.C.	3903	(-1994)		
					BKC		4292	(-2383)		
						merate	4344	(~2435)		
·					Missis		4362 4376	(-2453) (-2467)		
			CAS	ING RECORD	Kinder	nook _{Used} Viola		(-2586)		
		Report (all strings	set-conduc	tor, surface.	used vice.	production, et			
Purpose of Strir	ng S	ize Hole		Casing	Weight	Setting	Type of	# Sacks	Type and Percent	
ļ	· _ _ [orfiled	- -	In O.D.)	Lbs./Ft.	Depth	Cement	Used	Additives	
Surface	_			3/4"	40.5#	305KB		250	2%ge1,3%cc	
Production	 		- -	./2"	<u> 14.0#</u>	4755KB	Standard	125 125		
	_						Pozmix A	125		
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
4 <u>SPF</u>	—- <u> </u>	4363-4	171 М. г.		, · · · · · - · · · · · · · · · ·		1 w/500 gal			
		4303-4	373 111.8	sissipp:	<u> </u>	Frac w/I	9,350 gal X	-link g		
				130 sacks 20/40 and 90 sacks 12/20 sand						
				12/20 San	<u></u>		— - 			
	_					_				
TUBING RECORD	— I <u> </u>	ze - 2"	Set	At 43381	Packer At	Liner Run	☐ Yes 💭	.No	!!	
Date of First Production Producing Hethod Flowing Pumping Gas Lift Other (Explain)										
Estimated Produc Per 24 Hours	ction	oit 4	Bbls.	Ges	Hef Wat	er Bbls.	Gas-Of (Ratio	Gravity	
Disposition of Gas: METHOD OF COMPLETION Production Interval										
Vented Sold Used on Lease Open Hole Perforation Dualty Completed Commingled (If vented, submit ACO-18.)										
(1) vericed,) IIIIDDA ,	MUU- 10.)		Other	(Specify)		<u>-</u>		4363-4373	

OKIGINAL F. G. HOLL COMPANY

6427 EAST KELLOGG - P.O. BOX 780167 WICHITA, KS 67278-0167

CONFIDENTIAL

2796-2828 Indian Cave DST #1: 30-60-45-90 FFP668/695:45 IFP 446/658:30 ISIP 984:60 FSIP 983:90 внт 101⁰ FHP 1330 Recovered 200 feet of slightly muddy water. RELEASED GTS in 1 minute 1st Flow 10 min. 1,887 MCF 007 0 . 7 1992 20 11 2,675 11 2,675 30 FROM CONFIDENTIAL 2nd Flow 10 min. 2,675 MCF 2,675 " 20 2,675 " * 30 77 2,675 " 40 3331-3380 Topeka

DST #2: 30-60-60-60

20 "

10,7 "

The test tool was jared while picking it up and the recorders were jammed in the slides, resulting in no charts from either recorder. BHT 1160 Recovered 2550 feet of slightly muddy water with a trace of gas.

DST #3: 3755-3800 Douglas 30-60-60-90 FFP 550/793:60 IFP 134/421:30 ISIP 1400:60 FSIP 1396:90 BHT 1240 THP 1901 FHP 1871 Recovered 1525 feet of slightly muddy water-rainbow show of oil.

DST #4: 4337-4380 Mississippi 30-60-30-90 FFP 362/484:30 IFP 187/278:30 ISIP 1588:60 FSIP 1595:90 ВНТ 129⁰ FHP 2117 Recovered 4380 feet of very gassy oil approx. 90% gas, 10% oil. GTS in 4 minutes 1st Flow 5 min. 141 MCF 15 " 179 " 25 " 115 " 2nd Flow 10 min. 13.9 MCF

> DECEIVED STATE COS - ATION COMMISSION

> > DEC 20 1991

COMSERVATION DIVISION Wichita, Kadilas

IA

F. G. HOLL COMPANY

6427 EAST KELLOGG - P.O. BOX 780167 WICHITA, KS 67278-0167

DST #5: 4499-4508 Viola 30-60-60-90 IFP 87/54:30 FFP 92/63:60 FSIP 1513:90 ISIP 1548:60 FHP 2252 BHT Not Recorded Recovered 20 feet of mud with a slight show of oil GTS in 17 minutes 1st Flow 20 min. 49.3 MCF 30 " 49,3 " 2nd Flow 10 min, 28 MCF 23,7 " 20 11 21.9 " 30 40 21,9

DST #6: 4508-4520 Viola

50 "

60

30-60-60-90

IFP 24/60:30 ISIP 1195:60 FFP 31/31:60 FSIP 1153:90

IHP 2308 FHP 2229 BHT 1280

Recovered 630 feet of gas in pipe and 45 feet of muddy oil 19% gas

50% oil, 14% mud, 17% water

19.9

19.9 "