State GEOLO WIGHITA	gical Du	wey				1:	5-12	4-2036
WIGHITA	BRANCH				(		9-34	1-43W
KANSAS DRILLER							•	4 R. 43 K
API No. 15 —	129	_ 20.	362		-5			FNL & 1813' FE
API No. 15 — 129 — 20,362  County Number								rton
Edgar W. W	hite						County	O Acres
Drawer O	Elkhart,	Kansas	67950				160	160
Well No.  #2  Lease Name Interstate Red Cave							Manager Property	
ootage Location	Interstate	o nea ear						Q
3785 feet from (	N) (S) line	the Real Property lies with the last lies with lies with the last lies	feet	from (E) (W)	line	-	160	160
KTM Drilling	& Ace W	100 100 100 100 100 100 100 100 100 100	rvice					
Spud Date			Total Depth		P.B.T.D.		Locate	3486.4
July 19, 1978 1236 Date Completed Kon Purchaser Ga.					1236'			
Aug. 30, 19	78		Colorado		tate Ga	s	OF	кв
			CASING	RECORD				
Report of all string	s set — surface, i	intermediate,	production, et	te.				
Purpose of string	Size hole drilled	Size casing se (in O.D.)	Weight lbs/ft.	Setting depth	Type cem	ent	Sacks	Type and percent additives
Surface	12½"	8 5/8	26	270	portla	ind	cemente	d to top
Surface	7 7/8	4 1/2	9.5	917	portland		(Halibur	ton)
Production	3 7/8	2 7/8	6.4	1236	portla	ind	(Halibur	ton)
	LINER RECOR					DEDECO	TION PECOP	
LINER RECORD  Top, tt.   Bottom, ft.   Sacks cement				Shots			Size & type Depth interval	
none	onton, it.				Shots per ft.		llough	1213-1218
	TUBING RECO	RD						
none	Setting depth	Packer	set at					
	A	CID, FRACT	TURE, SHOT,	CEMENT SQ	UEEZE RECO	RD	2007000 3722	100 000
	Amou	nt and kind of	material used				Dep	th interval treated
Fractured w	i+h / 000	# 20-4	n sand	Pumped	2 000 0	721	1213	-1218
3% Hcl acid								
	pressure							
NZ. Frac.								
NZ. Frac.		7 - 7,870	INITIAL PE	RODUCTION			200 - 01 - 1980i	
Antryphagen		Produci	ng method (flow	ving, pumping, s	jas lift, etc.)			
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng method (flow owing th		rator			
Date of first production	pipe line	fl	ng method (flow Owing the	ru sepe		5	Gas bbls.	-oil ratio

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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.

perator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:				
Vell No. No. 2	gas				
19 T 34 R 43 W	121.13	XIII			
Show all important zones of cluding depth interval tested,	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.				
	RIPTION, CONTENTS, ETC.	ТОР	воттом	NAME	DEPTH
Anhydrite Red Cave sand Perf. TD	A 0000 20-A0 mand. Lit 300 SCF N2 per Di SMUTE 1,5006 Lin 3 EF	1187 .1202 .1213	1201 1218 1236	1243-12	
		(rió	163	attock is	3+157
Production	5 7/11 2 7/11 . 6	1521	postiani	(interpretation	
Surface	7 2/1 - 1/2 - 5	NJA 4	bos. (min	(HITEH MESA	
Surface	143 4 5/8 2	540	bare paog	compored to	0 103/5
Aug. 30, 1938		Total and	HEF ( 25		
July 19, 1978	152	123		31	9.00
KIM DELILIED 6	Aca Vell Service				
3785	1813.				F-
	USE ADDITIONAL SHEETS, IF NI	CESSARY, TO	COMPLETE WE	LL RECORD.	
Date Received		-	Jan 1	-1110	`+
an 1 4 7		Owner		Signature	
		10-15	<b>-</b> 78	Title	