KANSAS		(A)			, p	C		$\bigcirc$					
WELL COMPLETION REPORT AND tate Geological Survey  DRILLER'S LOG  WICHITA BRANCH  API No. 15 — 007 — 20,938  County Number										s. 12 T. 32 R. 12 W			
										Loc. SE-NW-SW			
Operator								<u></u> -  °	ountyB				
Aylward Dri	111ing Comp	any								640 Ac	res		
Address													
909 First Na		hec		60									
Well No.													
3	Dohe	rty					<del> </del>						
Footage Location								İ	_  _				
	(NX (S) line	990			from ME) (W)	line			- -		-!-!-		
Principal Contractor			1	logist				1	100	` <del>  </del> {-	100		
Graves Drillin	Date Complete	d		ank Hamli Depth		P.B.T.D.			1	cate well	correctly		
1			- 1	310					Elev.: Gr. 1462				
4-4-80	4-12-80		_	and/or Gas Purc		4295							
N/A			- 1	ermian Co		n		D	рг <u> 1471</u> кв <u> 1473</u>				
II/A					RECORD								
D		·- •	4:-4-	·									
Report of all strin	ngs ser — surroce	·			rc.								
Purpose of string	Size hole drifte	d Sixe co	sing set O.D.)	Weight lbs/ft.	Setting depth		Type cement		Sacks		Type and percent additives		
Surface	12 1/4"	8 5	/8"	N/A	211	Cor	mmon		215	Re	egular		
Production	7 7/8"	5 1	/2"	14#	4309		11		75		11		
	LINER RECO	ORD						PERFORA	TION RE	CORD			
Top, ft.	Bettom, ft.		Sacks c	ement	Shots 2	Shots per ft.			Sixe & type 5/8" - Jets		Depth interval 4260–4266		
	TUBING RECORD				2	2		5/8" - Jets		424	4245-4250		
Sixe	Setting depth		Packer	set at									
2 3/8"	4274		N/A										
		ACID,	FRACT	URE, SHOT,	CEMENT SQ	UEEZ	E RECO	ORD					
	Am	ount and	kind of	material used						Depth int	terval treated		
									4245-4250 &				
Fraced with 1	Fraced with 15,000# Sand									4260-4266			
				INITIAL PI	RODUCTION								
Date of first production			Producir	ng method (flov	ving, pumping,	gas lif	t, etc.)						
5-19-80			P	umping						,			
RATE OF PRODUCTION	Oil			Gas			Water			Gas-oil re	stio		
PER 24 HOURS Disposition of gas (vento		+0	Ьì	bls.		MCF		20 ing interval	bbis.	<u></u>	CFP		
Disposition of gas (vent)	, мэва оп lease о	. 5010)					ĺ			1000			
							1 424	J-4250	& 4260	J-4 <u>2</u> 66			

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 Gos Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:							
Aylward Drilling Company								
Well No. Lease Name	0.1							
3 Doherty	Oil							
s_12_T_32_R_12_W SE-NW-SW, Barber County,								
MELL LOC								
WELL LOG Show all important zones of porosity and contents thereof; cored inter	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.							
cluding depth interval tested, cushion used, time tool open, flowing and								
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	воттом	NAME	DEPTH				
Sod & Sand	0	60						
Red Bed	60	211						
Red Bed & Shale Red Bed	211 567	567 1 <b>3</b> 50		1				
Red Bed, Shale & Lime	1350	1632						
Shale	1632	1941		1				
1 Shale & Lime	1941	3841	İ	1				
Lime & Shale	3841	4025						
Shale & Lime	4025	4265						
Lime	4265	4310						
Rotary Total Depth		4310						
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USE ADDITIONAL SHEETS, IF N	LECESSARY, TO	COMPLETE WI	ELL RECORD.					
Date Received	P. Frank Hamlin							
F. Frank Han								
	r							
	Title							
1		٠.						
Date								

## ROTARY DRILLERS' LOG

OPERATOR:

Aylward Drilling Co.

DRILLING COMMENCED: April 4, 1980

909 First National Bank Building

Wichita, Kansas 67202

CONTRACTOR:

Graves Drilling Co., Inc.

DRILLING COMPLETED: April 12, 1980

910 Union Center

Wichita, Kansas 67202

CASING RECORD:

5 Jts. 211' of new 8-5/8"

cemented with 215 sacks.

LOCATION: Doherty No. 3

SE NW SW

104 Jts.4309' of new 5½"

cemented with 75 sacks.

Section 12-32S-12W Barber County, Kansas

60 Sod & sand

Red bed ' 60 -211

211 - 567 Red bed & shale

567 - 1350 Red bed

1350 - 1632Red bed, shale & lime

1632 - 1941 Shale

1941 - 3841 Shale & lime

3841 - 4025 Lime & shale

4025 - 4265Shale & lime

4265 - 4310 Lime

> 4310 Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of knowledge.

GRAVES DRILLING CO., INC.

Secretary-Treasurer