

KANSAS DRILLERS LOG

S. 14 T. 11 R. 33W ^E/_W

API No. 15 — 109 — 20048
County Number

Loc. NE SE SW

County Logan

Operator
Donald C. Slawson

Address
408 120 Building, Wichita, Kansas

Well No. #2 Lease Name Cook 'K'

Footage Location
1000' feet from (N) (S) line 2310 feet from (E) (W) line

Principal Contractor Slawson Drilling Company Geologist Ralph Ruwwe

Spud Date September 18, 1975 Total Depth 4721 P.B.T.D. 4676

Date Completed October 2, 1975 Oil Purchaser Koch

640 Acres
N

Locate well correctly

Elev.: Gr. 3119

DF 3121 KB 3124

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"	28	242'	60/40 poz	200 sx	
Production	7 7/8"	4 1/2"	10.5	4719'	50/50 poz	225 sx	18% Salt 3/4% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					4212-14 4225-28
			2	Jets	4255-57 4302-06
			2	Jets	4625-27

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 Ga MOD-202	4625-27
2500 Ga NE 28%	4303, 4261, 4256, 4226, 4212

INITIAL PRODUCTION

Date of first production <u>10-17-75</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>193</u> bbls. Gas <u>None</u> MCF Water <u>Trace</u> bbls. Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>4212-14; 4225-28; 4255-57 4302-06; 4625-27</u>

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.

90856

Operator Donald C. Slawson
 Well No. #2 Lease Name Cook 'K'
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil

S 14 T 11 R 33W E W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
			<u>Log tops</u>	
Surface hole	0	255	ANH 2616 (+508)	
Shale and Shells	255	977	B/ANH 2644 (+480)	
Shale, Shells and Sand	977	1672	HEEB 4031 (-907)	
Shale and Shells	1672	2360	TORO 4057 (-983)	
Shale	2360	2430	LANS 4076 (-952)	
Shale and Shells	2430	2618	STK 4289 (-1155)	
Anhydrite	2618	2649	B/KC 4352 (-1288)	
Shale and Shells	2649	2924	PAWN 4496 (-1372)	
Shale and Lime	2924	4117	U/CHER 4545 (-1421)	
Lime	4117	4646	L/CHER 4578 (-1454)	
Lime and Shale	4646	4690	JH ZN 4623 (-1499)	
Lime	4690	4721	LTD 4721 (-1597)	
RTD	4721			
DST #1 4091-4140 (35' & 50' zns)				
30-45-45-60, w-gb, Rec. 25'				
OCM (10% O) 60' VSOCM (5% O)				
250' MW, IFP 94-141#, IBHP				
1296#, FFP 148-203#, FBHP 1265#				
DST #2 4134-68, (70' zn)				
30-45-45-60, 190' GIP,				
Rec. 285' MO (70% O, 30% M)				
100' OCMV (40% M, 55% W)				
IFP 47-109#, IBHP 1233#,				
FFP 141-187#, FBHP 1186#				
DST #3 4197-4240 (120-140' zn)				
30-45-45-60, SBTO, GTS/135"				
Rec. 2400' TF, 1700' CGO 40°				
700' SMO, (BGO 90% O, 10% M)				
IFP 156-484#, IBHP 1265#, FFP				
484-826#, FBHP 1249#				
DST #4 4234-70, (160' zn)				
30-45-45-60, SB OB/1", GTS 45",				
Rec. 3120' TF, 2930' CGO 41° corr				
190' SMO (2% M NW) (BGO 94% O,				
6% M), IFP 20-717#, IBHP 1280#,				
FFP 733-1076#, FBHP 1272#				
DST #5 4279-90, (180' zn)				
30-30-30-30, Rec. 10' M, IFP 6-6#,				
IBHP 8#, FFP 8-8#, FBHP 8#				
DST #6 4286-4350, (200 & 220' zns)				
30-45-45-60, 1000' GIP. Rec 580' TF,				
10' MO, 455' CGO (39° Corr), 100'				
SMO, 15' OC tn M, (24% O, 70% M, 6%				
W), IFP 24-117#, IBHP 1304#, FFP				
133-219#, FBHP 1288#				
DST #7 4573-4646, (Johnson zn)				
30-45-45-60, SBTO. Rec. 810' TF,				
180' CGO 26°, 570' SMGO, 60' OCM				
(10% O, 87% M, 3% W) (B2' CO 2% O,				
85% M, 13% W), IFP 54-180#, IBHP				
1113#, FFP 180-288#, FBHP 1095#				
				State Potential - 193.20 BOPD (Tr Wtr)

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received: [Stamp]

Signature: James C. Remsburg
 Title: James C. Remsburg, Petroleum Engineer
 Date: January 26, 1976

WELL LOG

14-11-336

NE SE SW

OPERATOR: Donald C. Slawson
 408 120 Building
 Wichita, Kansas 67202

LEASE: #2 Cook 'K'
 NE SE SW Sec. 14-11-33W
 Logan County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.

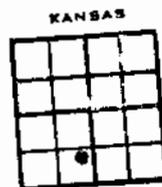
COMMENCED: September 18, 1975

COMPLETED: October 2, 1975

CASING: Set 8 5/8" @ 242' w/200 sx

TOTAL DEPTH: 4721

KANSAS GEOLOGICAL SOCIETY
 Wichita, Kansas



0 - 255	Surface hole
255 - 977	Shale and Shells
977 - 1672	Shale, Shells and Sand
1672 - 2360	Shale and Shells
2360 - 2430	Shale
2430 - 2618	Shale and Shells
2618 - 2649	Anhydrite
2649 - 2924	Shale and Shells
2924 - 4117	Shale and Lime
4117 - 4646	Lime
4646 - 4690	Lime and Shale
4690 - 4721	Lime
4721	RTD

STATE OF KANSAS)
)
 COUNTY OF SEDGWICK) SS.



I, JAMES C. REMSBERG, of the Slawson Drilling Company, Inc. upon oath state that the above and foregoing is a true and correct copy of the log of the #2 Cook 'K' well.

ELEVATION: 3124 KB
 LOG TOPS: DEPTH:
 Anh 2616
 B Anh 2644
 Heeb 4031
 Toro 4057
 Lans 4076
 Stk 4289
 Bkr 4352
 P 4496

James C. Remsberg
 James C. Remsberg

Subscribed and sworn to before me this 23rd day of October, 1975.

U Cher 4545
 L Cher 4578
 Jh Zn 4623
 Rtd 4720
 Ltd 4721

Dolores B. Coady
 Dolores B. Coady, Notary Public

My Commission Expires: