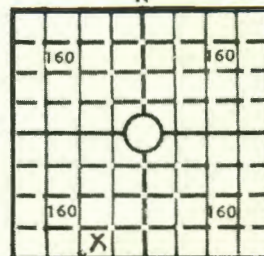


KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCHS. 33 T. 13 R. 23 E
SE SW SW

Loc.

County Johnson

640 Acres
N

Locate well correctly

Elev.: Gr. 950

DF KB

API No. 15 — Johnson — 091-RO 318
County Number

Operator

Address

Well No.

Lease Name

Footage Location

Principal Contractor

Geologist

Spud Date

Date Completed

Total Depth

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

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	8"	8"		24			
	5 1/4"	2 3/8"		700	Portland	140	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			well was plugged at		660'
			1 per ft 17 tbs	1 1/16"	668-684
			2 per ft 17 tbs	1 1/16"	648-656

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 sacks sand 2 gallons AY-15 1 sack potassium Chloride	668-684
40 sacks sand 1 sack potassium Chloride	648-656
well was plugged & refrac at	648-656 plug set at 660'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		
No Production as of 9-1-81				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCFT	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)	

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

WELL LOG

33-13-23e

SET

P1

20318

WELL OWNER W. W. Thompson

API # 091-80318

LEASE NAME Thompson

DATE page 11.1

WELL # #1

DRILLER Glenn Drilling Co.

Thickness of Strata	Formation	Total Depth	Comment	# of Joints In	Time	# of Joints Out
21	Surface	21				
19	lime	40				
32	Shale	72				
5	lime	77				
1	Shale	78				
3	lime	81				
17	Shale	98				
2	lime	100				
	Shale	101				
6	lime	107				
3	Shale	110				
8	lime	118				
32	Shale	150				
1	lime	151				
5	Shale	156				
12	lime	168				
1	Shale	169	Winterset			
19	lime	188				
2	Shale	190				
	Blk Slate	191				
3	Shale	194				
23	lime	217	BETHANY			
	Shale	218				
	Blk Slate	219				
1	Shale	220				
3	lime	223				
4	Shale	227	HERTHA			
1	lime	228				
1	Shale	229				
3	Red Bed	232				
28	Shale	260				
1	Sandstone	261				

WELL LOG

091-20318

33-13-23

81

WELL OWNER Harper, N. A.

API # 116, 12

LEASE NAME _____

DATE _____

WELL # _____

DRILLER Glaze

Thickness of Strata	Formation	Total Depth	Comment	# of Joints In	Time	# of Joints Out
13	Shale (sandy)	284				
3	Sandstone	287				
11	Shale (sandy)	298				
3	lime	301				
9	Shale	310				
3	Red bed	313				
18	Shale	331				
1	lime	332				
1	Sandstone	333				
8	Shale	341				
7	lime	348				
12	Shale (sandy)	360				
4	lime	364				
14	Shale (sandy)	378				
10	Sandstone	403	Run 1 1/2" on 1" 40,000 CFM			
1	Shale (sandy)	404				
3	lime	407				
6	Shale	413				
2	lime	415				
3	Blue shale	418				
7	lime	425				
3	Shale (sandy)	428				
1	Red bed	429				
3	Shale	432				
4	Blue shale	436				
3	lime	439				
3	Shale	442				
2	lime	444				
1	Shale	445				
25	Sandstone	543	↑ SQUIERELL			

WEL LOG

33-13-23

WELL OWNER

API #

091-20318

#3

e

LEASE NAME

DATE _____

WELL #

DRILLER

Glaze

Thickness of Strata	Formation	Total Depth	Comment	# of Joints In	Time	# of Joints Out
43	Shale (sandy)	58'				
1	lime	58'				
20	concretion	607	✓ squarell	30,000		
9	Shale	616				
	lime	617				
30	Shale	647				
13	concretion	660	CATTLE MAN	10,000	0.75	
5	lime	665				
3	concretion	668				
45	Shale (sandy)	720				
	Total Depth	720'	7b			