

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 22 T. 13 R. 18 <sup>R</sup>/<sub>W</sub>

API No. 15 — 051 — 21,036  
County Number

Loc. NE SE NW

County Ellis

Operator  
Clinton Oil Company

Address  
1022 Hoover Great Bend, Kansas 67530

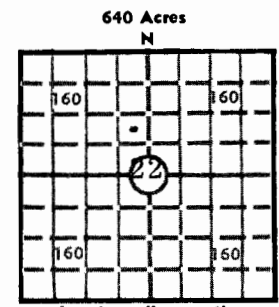
Well No. #6-D Lease Name Marvin Braun

Footage Location  
1650 feet from (N) (S) line 2310 feet from (E) (W) line

Principal Contractor Rains & Williamson Geologist Harvey Gough

Spud Date 6-5-75 Total Depth 3728' P.B.T.D. 3617'

Date Completed \_\_\_\_\_ Oil Purchaser \_\_\_\_\_



Locate well correctly  
Elev.: Gr. 2078'  
DF 2080' KB 2083'

**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 Csg.	10-3/4"	7-7/8"		98'	60-40 poz	75	2% gel 3% CaCl.
Production		5-1/2"		3660'	50-50 poz	200	2% gel 10% salt 3/4 of 1% Sun FR Agent

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3278' - 86'
<b>TUBING RECORD</b>					3268' - 74'
Size	Setting depth	Packer set at			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
500 gals. 28%	3268' - 74'
4000 gals. 15%	

**INITIAL PRODUCTION**

Date of first production <u>8-13-75</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil <u>26</u> bbls.	Gas MCF	Water <u>9</u> bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval(s) <u>3268'-74' and 3278'-86'</u>	
		Gas-oil ratio CFPB	

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.

Operator Clinton Oil Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 6-D	Lease Name Marvin Braun	
S 22 T 13 S R 18 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
Clay-Post Rock & Shale	0	108'		
Shale & Sheels	108	200'	Anhydrite	1341' (+742)
Shale	200	480'	Base Anhy.	1383' (+700)
Sand	480	550'	Topeka	3059' (-976)
Shale and Shells	550	715'	Queen Hill	3233' (-1150)
Shale and Sand	715	895'	Heebner	3314' (-1231)
Sand and Shale and Redbed	895	1183'	Toronto	3342' (-1259)
Shale and Anhydrite	1183	1342'	Lansing	3364' (-1281)
Anhy	1342	1385'	Base KC	3605' (-1522)
Redbed and Shale	1385	1742'	Arbuckle	3619' (-1536)
Sand	1742	1840'	LTD	3728' (-1645)
Shale & Lime	2375	3260'	RTD	3730' (-1647)
Lime	3260	3292'		
Lime and Shale	3325	3397'		
Limestone gray oocastic to chalky, Good $\phi$ . Fr. sptd stn, Sl show of free oil-faint odor.	3397	3400'		
Limestone gray chalky, oolitic to sl fossiliferous. Poor to fair $\phi$ with trc of fossil cast to vuggy $\phi$ . Uneven sptd. stn. No free oil. No odor.	3447	3450'		
Limestone gray fossiliferous to sl oolitic. Trc of good fossil cast $\phi$ . Uneven spotted stain. Fair show of free oil. Fair odor.	3477	3480'		
Limestone gray fine-crystalline dense, spotted uneven stain in poor vuggy $\phi$ . Trace limestone sl fossiliferous, fair fossil cast $\phi$ . Sl show of free oil. Sl odor.	3504	3508'		
Limestone gray dense, fine-crystalline	(See Page 2)			

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

<p>Date Received</p>	
	<p>Signature Robert W. Patton</p>
	<p>Title Mid-Continent Exploration Manager</p>
	<p>Date September 23, 1975</p>

22-13-18w

pr vuggy $\phi$ . Trc limestone sl. fossiliferous w/fr. fossil cast $\phi$ . Fr show of free oil. Fr. odor.	3528	3532'
Dolomite, gray fine-crystalline, sucrosic. Poor $\phi$ . Fair even stain. Fair show of free oil. Fr odor.	3620	3628'
Shaley	3628	3633'
Dolomite fine to medium-crystalline. Trace of fair vuggy $\phi$ . Good stain. Good show of free oil. Good odor.	3633	3646'
Dolomite, gray-buff, fine-crystalline with stks of medium to coarse- crystalline dolomite with fair to good $\phi$ . Fresh chert and cherty dolomite.	3640	3720'



DST #1 3245-3275'

30-60-60-120. Fr. blow throughout. Rec. 200' gas in pipe, 120' oil cut mud.  
(20% oil). FP 27-55#, BHP 318-391#. Temp. 89°.

DST #2 3274'-3292'

30-60-60-120. Wk blow for 30 min. No blow on final opening. Rec. 20' mud.  
FP 18-27#. BHP 418-427#. Temp. 89°.

DST #3 3391'-3415'

30-60-60-120. Wk blow for 2 min. Rec. 10' mud. FP 4-9#. BHP 418-473#. Temp. 98°.

DST #4 3462'-3500'

30-60-60-120. Wk blow for 6 min. Rec. 7' mud. FP 36-45#. BHP 73-73#. Temp. 98°.

DST #5 3494'-3545'

30-60-60-120. Fair blow. Rec. 180' gas in pipe. 150' gassy-slightly OCM.  
FP 73-55#. BHP 218-291#. Temp. 98°.

DST #6 3625'-3635'

30-60-60-120. Wk blow for 15 min. Intermittant for 5 min then died. No blow  
on final flow. Rec. 15' of sl oil specked mud. FP 18-19#. BHP 127-255#. Temp. 100°.

DST #7 3635'-3650'

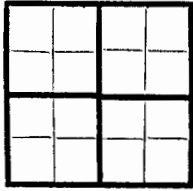
30-60-60-120. Strong blow throughout. Rec. 5' free oil. 420' SW. FP 55-236#. BHP 1015-996#. Temp. 109°.

COMPANY Clinton Oil Co. 15-051-21036  
 FARM Braun D NO. 6

SEC. 22 T. 13S R. 18W  
 LOC. NE SE NW  
 22-13-18w

RIG. NO. 4  
 TOTAL DEPTH 3730'  
 COMM. 6-5-75 COMP. 6-19-75

COUNTY Ellis  
 KANSAS



CONTRACTOR Rains & Williamson Oil Co., Inc.

CASINO  
 20 10 - 3/4" @ 98' w/75 sxs 60/40 pos.  
 15 8 2% gel, 3% cc. ELEVATION 2083 KB  
 12 6 - 1/2" @ 3660' w/200 sxs 50/50 pos. 2% gel.,  
 13 5 10% salt, 3/4 of 1% Sun PRODUCTION Oil  
 FR Agent

FIGURES INDICATE BOTTOM OF FORMATIONS

Clay-Post Rock & Shale	108
Shale & Shells	200
Shale	480
Sand	550
Shale & Shells	715
Shale & Sand	895
Sand & Shale & Redbed	1183
Shale & Anhy.	1342
Anhy	1385
Redbed & Shale	1742
Sand	1840
Shale	2375
Shale & Lime	3260
Lime	3292
Lime & Shale	3325
Lime	3635
ARB	3650
Lime	3730
<u>Rotary Total Depth</u>	<u>3730</u>



RECEIVED  
 STATE OPERATIONS COMMISSION  
 CONSERVATION DIVISION  
 Wichita, Kansas

JUN 26 1975

State of Kansas  
 County of Sedgwick } ss:

I, Wilson Rains, President of the Rains & Williamson Oil Company, Inc.

upon oath state that the above and foregoing is a true and correct copy of the log of the Braun D #6 well.