

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name Hughes Drilling Company Lease Name W. Broers Well # 2A

..... 2 Twp. 16S. Rge. 20. ☒ East ☐ West County Franklin

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☐ No
 Cores Taken ☒ Yes ☐ No

Formation Description
☒ Log ☐ Sample

Wayside-Sandy Lime-Bleeding oil 585-586

Shale 586-594

Very Lamin lime w/blue shale 594-595

Solid Lime 595-597

Bkn. lime-some oil show 598-602

Solid Lime 602-603

red 581-603

Name	Top	Bottom
"Hertha"	419	424
Bourbon Shale	545	548
Knobtown	424	545
Memorial Sh.		
"Peru"	545	548
"Wayside"	585	586

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface		6 1/2"		21.25	Portland	5	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No	
Date of First Production	Producing Method					
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					

ACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

LOG

BROERS #2A
FRANKLIN Co., Ks.
Sec. 2-165-20E

2-16-20E
OPERATOR

Hughes Drilling Co.
122 N. MAIN
Wellsville, Ks. 66092

API # 15-059-24,226

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	22	5	Lime	417
20	Clay (Set 21.25' of used 6 1/2" surface pipe- Cemented in with 5 sacks cement.)	22	2	Shale	419
			5	Lime "HERTHA"	424
17	Shale	39	121	Shale (Bkn. 428-432) (Sdy. 466-472) (White 540-543)	545
24	Lime	63			
6	Shale (Drk.)	69	3	Sand "PERU" (Lamin. w/white shale Some bleeding oil)	448
11	Lime	80			
6	Shale	86	24	Shale (Thin strip of sand 548-551) (Some oil show)	572
16	Lime	102			
11	Shale	113	3	Lime(Broken)	575
1	Sand	130	8	Shale (Bkn. w/shale & lime 578-580) (Slight oil show 578- 580)	583
17	Shale	147			
31	Lime	178			
62	Shale (Limebreak 193-194)	240			
23	Lime (Shale 242.5-243) (Shale 249-250)	263	2	Lime (Broken)	585
			1	Sand "WAYSIDE" (Bleeding oil)	586
19	Shale (Very Sdy. 263-272)	282	8	Shale	594
5	Lime	287	4	Lime (Broken)	598
30	Shale	317	4	Lime (Broken) (Some oil show)	602
11	Lime	328	1	Lime	603 T.D.
23	Shale (Hard) (limebreak 333-334)	351			
24	Lime 30' (Shale 359-361) (Very slight oil show 361-362)	375			
8	Shale (Slate 378-379)	383			
25	Lime 20'	408			
4	Shale (Slate 411-412)	412			

5-18-87 Plugged hole.

10 sacks cement at T.D 603 ft..

40 sacks cement, 350' to surface.

DEC 2 1987 RECEIVED

CONSERVATION DIVISION
Wichita, Kansas

DEC 3 1987
CONSERVATION DIVISION
Wichita, Kansas