

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

Operator Name Kansas Oil Pumpers, Inc. Lease Name Harold Miller Well # 1Sec. 18 Twp. 14 Rge. 21 ☒ East ☐ West County Douglas

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

DRILLER'S LOG

CASADY DRILLING

1632 CHESTNUT
OTTAWA, KS. 66067
913-242-5888

DATE SPUD 3-9-87DATE COMP 3-11-87API # 15-045-20,999LOCATION SE, SW, SE SEC. 18 TWP. 14 RGE. 21ECOUNTY Douglas STATE Kansas SURFACE CASING 4 1/2 in. SIZE 40 ft. LEV.LEASE NAME MillerWELL NUMBER 1OPERATOR KANSAS OIL PUMPERS, INC.ADDRESS P.O. #3, Box 150ASIZE HOLE 5 1/2 in. Baldwin, Ke. 101-

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THICKNESS	FORMATION	TOTAL DEPTH	REMARKS	THICKNESS	FORMATION	TOTAL DEPTH	REMARKS
20	sand	20		5	shale	25	
5	oil	25		8	lime	33	
179	shale	165		30	shale	425	w/line etc
11	lime	175		10	lime	435	
13	shale	188	water	4	shale	439	
12	lime	200		6	lime	445	
7	shale dark	207		3	shale	448	
11	lime	218		27	lime	475	
7	shale	225		10	shale dark	485	
3	lime	228		19	lime	504	
8	shale	236		4	shale	508	
17	lime	253		4	lime	512	
4	shale	257		5	shale	517	
19	lime	276		6	lime	523	
64	shale	340		6	shale gray	529	
6	lime	346		7	sand light	536	no color
5	shale	351		129	shale	665	
17	lime	368		10	shale	675	w/line etc
12	shale	380		7	shale	682	
12	lime	392		8	sandy shale	690	

☒ New
r, surface, in

Formation Description

☒ Log ☐ Sample

Pg. 2 of 2

CASADY DRILLING

1632 CHESTNUT
OTTAWA, KS. 66067
913-242-5888

DATE SPUD _____

DATE COMP _____

API # _____

LOCATION _____

SEC. _____

TWP. _____

RGE. _____

COUNTY _____

STATE _____

SURFACE CASING _____

SIZE _____

LEV. _____

LEASE NAME MillerWELL NUMBER 1

OPERATOR _____

ADDRESS _____

SIZE HOLE _____

THICKNESS	FORMATION	TOTAL DEPTH	REMARKS	THICKNESS	FORMATION	TOTAL DEPTH	REMARKS
1	shale	691		4	sand	802	w/light oil
4	lime	695		29	sandy shale	831	
2	shale	697		2	lime	833	
2	lime	699		10	shale dark	843	
31	shale	730		2	lime	845	
5	lime brown	735		15	shale gray	860	t.d.
3	shale	738					plugged with 6% gel added portland
4	lime	742					10 sacks at 860 ft. - 10 sacks at
10	sandy shale	752					500 ft. - filled to surface from
3	lime	755					350 ft.
18	shale	773					
2	shale	775					
4	lime	779					
3	shale	782					
2	mulkey	784					
2	sandy shale	786					
2	sand light	788	no show				
2	sand	790	w/line etc				
6	sand light	796	w/color brk				
2	sand brown	798	gas				

Weight Lbs/Ft. Setting Depth Type of Cement #Sacks Used Type and Percent Additives

...surface... 5 1/2" 6 1/2" 40' portland 10 6% gel

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PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

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TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

Date of First Production Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....