

SIDE TWO

Operator Name Frank J. Black Lease Name Nikkel Well # 1ASec. 22 Twp. 20 Rge. 1 ☐ East ☒ West County McPherson

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

		Name	Top	Bottom
Lansing	2321 (-798)	lime, shale	0	2097
Mississippian	2922 (-1399)	Douglas	2097	2322
Kinderhook	3244 (-1721)	Lans	2322	2648
Viola	3443 (-1920)	Lans K.C.	2648	2780
Simpson Sand	3487 (-1964)	K.C.	2780	2922
RTD	3500 (-1977)	Miss	2922	3242
		Kinderhook shale	3242	3375
		MQ Shale	3375	3443
		Viola	3443	
		Simpson		3500
		TD	3500	

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	12 1/4"	8 5/8"	23#	212' KB	Class A	150	3% CC
					Common		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A				N/A			
TUBING RECORD				Liner Run ☐ Yes ☐ No			
N/A				N/A			
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....						
N/A							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☐ Perforation ☐ Other (Specify)

☐ Dually Completed ☐ Coningled

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G E O L O G I C A L R E P O R T

Frank J. Black
 Nikkel # 1A
 Approx. SW SW SW, Sec. 22-20-1W
 Field: Wildcat
 McPherson County, Kansas

September 18, 1984
 Elevation: 1523 KB
 Comm: 9/11/84; Comp: 9/18/84
 Casing: 8-5/8" @ 212'/150sx.

FORMATION TOPS

Lansing	2321 (-798)
Mississippian	2922 (-1399)
Kinderhook	3244 (-1721)
Viola	3443 (-1920)
Simpson Sand	3487 (-1964)
RTD	3500 (-1977)

Cores: None

Drill Stem Tests: None

Electrical Logs: None

Gas Detector: None

Measurements: Were taken from Kelly bushing, 8 feet above ground level.

FORMATION SUMMARYMISSISSIPPIAN

2934-2940 Dolomite: grayish buff, finely crystalline, poor and fair porosity, no shows of oil or gas, no odor.

2943-2950 Chert: white and buff, mottled, sharp and leached, poor porosity, no shows of oil or gas, no odor.

2988-2998 Chert: white, sharp and leached, tripolitic and dolomitic, poor and fair porosity, no shows of oil or gas, no odor.

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VIOLA

3443-3451 Dolomite: white and gray, mottled, coarsely crystalline, small amount of fair intercrystalline porosity, no shows of oil or gas, no odor.

SIMPSON SAND

3487-3492 Sandstone: clear, medium to coarse grained rounded, with some included gray medium crystalline dolomite, fair porosity in sand clusters, much unconsolidated sand grains, no shows of oil or gas, no odor.

3498-3500 Sandstone: clear, medium grained, rounded, fair porosity, no shows of oil or gas, no odor.

RECOMMENDATIONS

Since there were no commercial shows of oil in this well, it was recommended that it be plugged.

Respectfully submitted,

Donald J. Melland

DJM/f

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DRILLING TIME

Frank J. Black
Nikkel # 1A

Sec. 22-20-1W
Approx. SW SW SW

Elevation: 1523 KB
McPherson County, Kansas

Depth	Time					Remarks				
2200-2210	1	1	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1	1	1	1
70	2	2	2	2	2	2	2	2	2	2
80	2	2	2	2	2	2	2	2	2	2
90	3	3	3	3	3	3	3	3	3	3
2290-2300	2	1	1	2	1	2	1	2	1	2
10	1	2	1	2	1	2	1	2	1	2
20	2	1	1	2	1	2	1	2	1	2
30	2	3	2	3	4	3	3	3	2	1
40	1	1	1	3	3	3	3	3	3	3
50	3	4	4	3	3	3	3	3	3	3
60	3	3	3	3	2	2	3	2	2	2
70	3	3	2	2	2	3	3	3	4	2
80	3	4	2	3	2	2	2	2	3	3
90	3	3	3	3	3	2	3	3	2	3
2390-2400	3	2	1	2	3	2	3	2	2	2
10	3	3	3	4	4	3	3	3	1	1
20	1	1	1	1	2	3	3	4	3	3
30	4	5	5	5	5	5	5	5	5	4
40	4	3	6	7	5	3	1	1	1	1
50	1	1	1	1	1	1	1	1	1	1
60	1	1	2	2	2	3	3	2	3	3
70	2	3	3	3	3	3	3	3	3	3
80	3	3	2	3	3	4	2	2	2	2
90	2	3	2	2	3	2	3	2	3	3
2490-2500	2	2	3	3	3	3	3	3	2	4
10	4	4	4	5	4	2	2	1	1	1
20	1	2	2	2	1	2	1	2	2	2
30	2	2	2	2	1	2	2	2	1	1
40	4	3	2	3	2	2	3	3	2	2
50	3	2	3	2	2	2	3	2	3	3
60	3	3	3	3	3	3	3	3	4	4
70	3	3	3	3	3	3	3	2	1	1
80	1	1	1	1	1	1	1	2	2	3
90	3	3	4	3	2	4	4	3	3	3
2590-2600	3	3	5	4	3	1	2	3	2	3

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Depth	Time					Remarks				
2600-2610	4	2	3	3	2	2	2	3	4	4
20	5	4	4	5	4	3	2	2	2	2
30	4	4	2	2	1	3	3	3	3	3
40	3	3	3	3	4	4	4	4	5	5
50	5	5	4	5	5	6	5	5	5	7
60	4	4	5	5	4	4	5	4	4	4
70	4	4	4	2	2	1	2	2	2	3
80	2	3	3	3	3	2	2	2	2	2
90	1	2	2	4	3	3	3	2	3	3
2690-2700	3	4	3	2	3	3	3	2	4	2
10	3	3	3	4	4	5	5	4	4	5
20	5	4	3	4	5	4	4	3	5	4
30	3	3	3	4	1	1	2	2	2	3
40	4	4	3	4	4	4	4	4	5	4
50	5	3	3	4	5	5	5	4	4	5
60	5	5	4	4	5	5	5	4	3	5
70	4	4	3	3	3	3	2	3	4	4
80	5	4	5	5	5	2	4	5	4	3
90	3	6	4	4	4	4	3	4	3	4
2790-2800	5	6	6	5	5	6	6	5	5	7
10	7	8	8	8	8	8	7	7	7	5
20	4	4	8	5	3	3	3	4	5	5
30	6	5	6	5	6	7	6	6	7	8
40	9	8	8	7	8	7	8	7	6	7
50	6	4	4	4	3	4	4	6	7	6
60	8	8	5	5	3	5	5	5	5	4
70	1	5	6	6	5	6	5	3	3	3
80	2	4	4	5	2	1	1	1	3	5
90	4	5	5	5	6	5	7	5	6	6
2890-2900	7	4	7	5	2	1	2	1	3	4
10	7	5	2	3	4	4	5	7	7	4
20	3	3	3	3	7	5	6	6	6	5
30	3	3	4	4	5	4	5	4	4	5
40	4	4	4	4	4	2	3	3	3	2
50	3	4	4	2	2	1	1	1	2	2
60	3	4	7	6	6	6	5	7	4	6
70	7	5	3	2	5	3	4	5	3	4
80	3	4	2	2	2	3	6	5	3	4
90	4	4	5	5	6	5	5	4	2	4
2990-3000	4	2	2	3	3	2	1	2	3	4

Circ. @ 2943' & 2950'

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Depth	Time					Remarks				
3000-3010	3	3	3	3	3	3	3	2	2	2
20	2	4	3	3	2	2	3	3	4	4
30	2	4	4	3	3	2	2	3	2	1
40	4	4	5	3	3	4	5	4	3	2
50	3	4	2	3	4	3	3	4	4	3
60	4	3	2	4	5	3	3	1	2	3
70	4	1	2	2	3	2	4	3	2	2
80	3	3	4	2	3	2	1	1	3	2
90	3	3	3	4	3	3	3	4	3	4
3090-3100	4	5	5	4	3	3	3	3	3	2
10	2	2	2	3	3	3	4	3	2	4
20	4	3	5	3	4	2	4	3	3	4
30	3	4	4	3	4	4	5	4	5	6
40	5	7	4	5	3	4	5	5	4	5
50	5	4	5	4	5	6	5	5	6	5
60	5	4	5	5	4	4	4	4	3	4
70	3	3	3	4	3	3	4	4	3	3
80	4	4	4	3	4	4	4	3	4	4
90	4	4	4	3	4	4	3	5	5	5
3190-3200	4	4	4	4	4	4	5	5	4	5
10	5	4	5	5	6	5	7	5	6	6
20	6	6	6	4	6	6	6	6	5	3
30	3	3	4	4	5	4	4	3	4	4
40	5	4	4	4	5	7	6	6	5	7
50	5	4	5	5	4	3	4	3	3	2
60	2	3	2	3	3	3	2	3	3	3
70	3	3	3	4	3	3	3	3	3	3
80	3	3	2	2	3	4	3	3	2	3
90	3	4	3	4	3	4	4	3	3	4
3290-3300	3	4	4	3	4	4	3	3	3	4
10	3	4	3	4	3	3	3	3	3	3
20	3	3	4	4	3	3	4	4	4	5
30	5	5	5	5	2	3	4	4	3	2
40	2	5	3	4	2	2	3	3	2	3
50	2	3	2	3	3	2	3	3	3	3
60	3	3	4	3	3	3	3	3	3	3
70	4	3	3	4	4	5	4	4	5	4
80	5	5	5	5	4	3	3	4	4	4
90	4	3	3	4	3	3	4	4	4	4
3390-3400	4	4	5	4	6	4	4	4	5	5

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Depth	Time										Remarks
3400-3410	4	5	5	4	5	4	4	4	5	4	
20	4	5	4	4	4	4	4	4	4	4	
30	4	4	4	4	4	5	5	4	4	4	
40	4	4	4	4	4	5	5	5	5	5	
50	4	4	4	5	3	3	4	5	5	4	
60	4	5	6	5	5	5	5	6	6	6	
70	6	5	6	5	6	5	5	4	4	3	
80	4	3	4	4	4	4	4	5	4	4	Circ. @ 3475'
90	4	4	4	3	3	3	3	2	2	2	
3490-3500	2	3	4	4	5	6	5	5	2	2	Circ. @ 3492' & 3500'

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