



**SIDE TWO**

Operator Name Black Diamond Oil, Inc. Lease Name Sammons Well # 4

Sec. 29 Twp. 6 Rge. 20  East  West County Rooks

**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

**DST #1 3520-3570'** 30-30-15  
 Blow: 1st: weak, 2nd: no blow  
 Recovery: 15' drilling mud  
 Pressures: IFP: 55-33#, ISIP: 770#, FF: 55-55#, FSIP: none

**DST #2 3610-3665'** 30-30-15-15  
 Blow: 1st: weak, 2nd: none  
 Recovery: 5' drilling mud w/specks of oil  
 Pressures: IFP: 44-44#, ISIP: 55#, FF: 44-44#, FSI: 44#

**DST #3 3660-3700'** 30-30-15  
 Blow: 1st: weak, 2nd: none  
 Recovery: 5' dark mud w/ specks of oil  
 Pressures: IFP: 44-33#, ISIP: 33#, FF: 33#, FSIP: none

Name	Top	DATUM XBOX TOP
Anhydrite	2868'	+398
Topeka	3259'	-994
Heebner	3464'	-1198
Toronto	3486'	-1220
Lansing	3500'	-1234
Bs. K.C.	3695'	-1429
Arbuckle	3736'	-1470
RTD	--	-1540
LTD	3776'	-1510

<b>CASING RECORD</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 1/2"	8 5/8"	24	208	60/40 poz	185	2%Gel 3%CC
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
<b>TUBING RECORD</b>				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
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  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled