

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 212 N. Market, Wichita, Kansas

Producer's Name: Graham Michaels Corp Lease Name: Hackmeister 2-31 Well No.: W.C. Pool: Osborne Toronto + KC County: 15-141-20116-00-00  
 Taken: 2-1 Effective: 1982 Month: 19 Day: 31 Sec: 9 Twp: 15 R: W

RECEIVED  
 STATE CORPORATION COMMISSION  
 FEB - 9 1982  
 CONSERVATION DIVISION  
 Wichita, Kansas

Tank No.	Size	Opening Gauge				Barrels	Closing Gauge				Barrels
		Time on:		B. S. & W.			Time off:		B. S. & W.		
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	

Well Data  
 Top Prod. Horizon: 3180 Ft. Total Depth: 3640 PSTD: 3569 Ft.  
 Perforations: 3184 to 3187 Ft.  
 Size of Casing: 4 1/2 Set at: 3639 Ft.  
 Size of Tubing: 2 3/8 Set at: 3565 Ft.  
 Size of Pump: 1 1/2 Type: 2 1/2  
 Gravity of Oil: 36.7 Temp: 54  
 Percentage of Water: 76 Acid: 9300 gal. Date: 10-12-81

Total Bbls. Produced = 4 X 3 = 12 Productivity.

REMARKS:

SEALS and USES:

Test Data  
 Temporary:  Permanent  Field:  Special:   
 Flowing:  Swabbing:  Pumping:   
 Length of Stroke: 64 In. S. P. M.: 12  
 Pretest Information:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer	<u>D. L. Black</u>	
For Offset Owner		
For State	<u>Gilbert P. Fisher</u>	

Hours pumped: 244  
 Bbls. Produced:  
 Tank Tables Used: 167 (Bbls. per In.)  
 Estimated: 167  
 Well Location:

Ft. From W. Line					Ft. From N. Line