

FORMENKE

Cement Bond Log

VDL

FINNO

COMPANY WEXPRO COMPANY

WELL CARL ALLEN NO. 14

FIELD POWDER WASH

COUNTY MOFFAT STATE COLORADO

LOCATION:

SE / SW / NW

Other Services
GAMMA RAY
DELTA TIME
CCL

SEC 33 TWP 12N RGE 97N

Permanent Datum GROUND LEVEL Elev. 6612

Log Measured from KELLY BUSHING, 10 Ft. Above Permanent Datum

Drilling Measured from KELLY BUSHING

	Elevations:
KB	6622
DF	6621
GL	6612

Date	12-3-88	CSG. RECORD	Surface	Protection	Production	Liner
Run No.	ONE	Size			7"	
Depth-Driller	2744	Wt./Ft.			20	
Depth-Logger	2746.5	Grade				
Bottom Logged Int.	2742	Type Joint				
Top Logged Int.	900	Top			SURFACE	
Ft. Measured	1842	Bottom			4538	
Type Fluid in Csg.	WATER	PRIMARY CEMENTING DATA				
Density of Fluid		Type Cement				
Fluid Level	100	Vol. of Cement				
Max. Temp. Deg. F.	NOT REC.	Additive				
Tool Series No.	SIE	% Additive				
Tool Diam.	3 1/4"	Retarder				
Standoff Size	CENTERED	% Retarder				
Logging Speed	30FPM	Slurry Wt.				
R/A Log Type	SCINT.	Water Loss				
T.C.	2	Drlg. Mud Type				
Sens. Setting	194	Drlg. Mud Wt.				
API Units/Div.	10	PRIMARY CEMENTING PROCEDURE				
Truck or Unit No.	301	Started Pumping	HR.	DATE	Preceding Fluid	
Location	ROCK SPG	Plug on Bottom			Vol.	Bbls.
Opr. Rig Time	2 HR.	Pres. Released			Returns:	Full Partial None
Recorded by	POMRENKE	Started Bond Log			Pipe Rot. During Pumping: Yes No	
Witnessed by	MR. SLIGER	Finished Bond Log			Pipe Rot. After Pluggdown: Yes No	

SECRET

REMARKS LOG RAN UNDER 0# PSI AT SURFACE.

SSQUEEZE JOB DETAIL

SQUEEZE JOB DETAIL					Centralizer Depths	Scratch Depth
1	2	3	4			
Squeeze No.						
Date						
Depth Interval						
Type Cement						
Vol. of Cement						
Additive						
% Additive						
Retarder						
% Retarder						
Slurry Wt.						
Preceding Fluid						
Vol. Preceding Fluid						
Breakdown Pressure						
Max. Pres. — Stage 1						
" " " 2						
" " " 3						
Final Max. Pressure						
Time Brkdn. (hr.-date)						
Pumping Stopped						
Pres. Released						
Started Bond Log						
Finished Bond Log						
Pressure read at: Surface _____					Bottom Hole _____	
SEQUENCE OF CEMENT BOND LOGS					AVERAGE WELL DRIFT	
Log run following:		CBL Run	CBL Run	° from _____ to _____		
Surface Casing Cement		Squeeze No. 1		° from _____ to _____		
Protection Casing Cement		Squeeze No. 2		° from _____ to _____		
Production Casing Cement		Squeeze No. 3		° from _____ to _____		

SQUEEZE JOB DETAIL					Centralizer Depths	Scratch Depth
Squeeze No.	1	2	3	4		
Date						
Depth Interval						
Type Cement						
Vol. of Cement						
Additive						
% Additive						
Retarder						
% Retarder						
Slurry Wt.						
Preceding Fluid						
Vol. Preceding Fluid						
Breakdown Pressure						
Max. Pres. — Stage 1						
" " " 2						
" " " 3						
Final Max. Pressure						
Time Brkdn. (hr.-date)						
Pumping Stopped						
Pres. Released						
Started Bond Log						
Finished Bond Log						
Pressure read at: Surface _____ Bottom Hole _____						
SEQUENCE OF CEMENT BOND LOGS						
Log run following:	CBL Run		CBL Run			
Surface Casing Cement		Squeeze No. 1				
Protection Casing Cement		Squeeze No. 2				
Production Casing Cement		Squeeze No. 3				
Liner Cement		Squeeze No. 4				
AVERAGE WELL DRIFT						
° from _____ to _____						
° from _____ to _____						
° from _____ to _____						

GAMMA RAY	DEPTH	COMPRESSION WAVE AMPLITUDE	VARIABLE DENSIT
RADIATION INTENSITY INCREASES		AMPLITUDE INCREASES	
20	120	DELTA TIME 140---MICROSECONDS---40	100
API UNITS			MICROSECONDS















