

Schlumberger

CEMENT BOND & GAMMA-RAY & COLLAR LOG

County <i>EDDY</i> Field <i>Wilocat</i> Location <i>810 FSL 1830 FEL</i> Well <i>Gamma's Fed #1</i> Company <i>Harvard Pet Corp</i>	COMPANY <i>HARVARD Pet Corp</i>					
	WELL <i>Gamma's Federal #1</i>					
	FIELD <i>Wilocat</i>					
	COUNTY <i>EDDY</i>	STATE <i>New Mexico</i>				
Location	<i>810 FSL 1830 FEL</i>		Other Services:			
API Serial No.	Sect.	Twp.	Range			
Permanent Datum	G.L.	Elev. <i>10. 3679.7</i>	Elev. K.B. <i>3690.4</i>			
Log Measured From	RKB	<i>10.7</i> above Perm. Datum	D.F. <i>-</i>			
Drilling Measured From	RKB		G.L. <i>3679.7</i>			
Date	<i>7-23-92</i>	Casing Fluid	<i>water</i>			
Run No.		Fluid Level	<i>900</i>			
Depth-Driller		Max. Rec. Temp.				
Depth-Logger		Est. Cement Top	<i>4320</i>			
Btm. Log Interval		Unit	<i>0141 HOBBS</i>			
Top Log Interval		Recorded By	<i>Reedson</i>			
Open Hole Size		Witnessed By				
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String						
Prod. String						
Liner	<i>5 1/2</i>	<i>17#</i>				
PRIMARY CEMENTING DATA						
STRING	Surface	Protection	Production	Liner		
Vol. of Cement						
Type of Cement						
Additive						
Retarder						
Wt. of slurry						
Water loss						
Type fluid in csg.						
Fluid wt.						

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COMPENSATED NEUTRON

COUNTY EDDY FIELD WILDCAT LOCATION 810 FSL & 1830 FEL WELL JAMES FEDERAL #1 COMPANY HARVARD PETROLEUM CORP.	COMPANY HARVARD PETROLEUM CORP.			
	WELL JAMES FEDERAL #1			
	FIELD WILDCAT			
	COUNTY EDDY	STATE NEW MEXICO		
	LOCATION 810' FSL & 1830' FEL	Other Services:		
	API SERIAL NO.	SECT. 29	TWP. 23-S	RANGE 32-E
Permanent Datum G.L.	Elev. 3679.7 F	Elev.: K.B.3690.4 F		
Log Measured From K.B.	10.7 F	above Perm. Datum D.F.		
Drilling Measured From K.B.		G.L.3679.7 F		
Date	11-MAR-1992			
Run No.	ONE			
Depth Driller	4940.0 F			
Depth Logger (Schl.)	4939.0 F			
Btm. Log Interval	4936.0 F			
Top Log Interval	10.0 F			
Type Fluid in Hole	PROD. FLUIDS			
Salinity NaCl				
Density				
Fluid Level				
Max. Rec. Temp.				
Deviation				
Logger on Bottom	SEE LOG			
Equip.	Location 8329	ROSWELL		
Recorded By	JOE KRICHTEN			
Witnessed By	J. HARVARD			
BOREHOLE RECORD				
Bit Size	4 3/4"			
Depth	4940.0 F			
CASING & TUBING RECORD				
Size	5 1/2"			
Weight				
Casing Top-Driller				
Casing Top-Logger				
Casing Shoe-Driller	4850.0 F			
Casing-Logger	4850.0 F			

The well name location and borehole reference data were furnished by the customer