

WELL LOGS

K_z

API number:	30-005-27999		
OGRID:		Operator:	COG OPERATING LLC
		Property:	HERCULES FEDERAL COM # 1H

surface	ULSTR:	E	15	T	15S	R	31E
			1980	FNL	330	FWL	

BH Loc	ULSTR:	H	15	T	15S	R	31E
			1921	FNL	4945	FWL	

Ground Level:	4405	DF:	4423	KB:	4424		
Datum:	KB			MD:	13180	TVD:	8802

Land: **FEDERAL**

Completion Date: (1)	11/12/2010
Date Logs Received:	12/29/2010
Date C105 Received:	1/14/2011
Date Logs/C105 Due in: (2)	12/2/2010

Confidential:	NO			Date out:		
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD CN/GR	200	8015	Three Detector Litho-Density
HRLA	4018	8015	High Resolution Laterolog

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OCD TOPS

Rustler	1371	Strawn		
Tansill		Atoka		
Yates	2384	Morrow		
7 rvs	2651			
T. Bowers Sd	2972	Austin		
B. Bowers Sd	3057	Chester		
Queen	3217	Miss Lime		
Penrose		Woodford		
Grayburg	3614	Devonian		
San Andres	3950	Silurian		
Glorieta	5475	Fussleman		
Paddock	5528	Montoya		
Blinbry		Simpson		
Tubb	6728	Mckee		
Lower Yeso	7012	Ellenburger		
Abo	7433	Granite Wash		
Wolfcamp		preCambrian		