

WELL LOGS

K Z

API number:	30-025-40677		
OGRID:		Operator:	APACHE CORP
		Property:	HAWK A # 37

surface	ULSTR:	G	8	T	21S	R	37E
			1850	FNL	2290	FEL	

BH Loc	ULSTR:	G	8	T	21S	R	37E
			1850	FNL	2290	FEL	

Ground Level:	3536	DF:	3546	KB:	3547	
Datum:	KB			TD:	7500	

Completion Date: (1)	1/7/2013
Date Logs Received:	12/18/2012
Date C105 Received:	1/31/2013
Date Logs/C105 Due in: (2)	1/27/2013

Land: **FEDERAL**

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		
LDT/CNL	200	7495	Litho Density Compensated Neutron
DLL	3000	7495	Dual Laterolog
	3000	7495	Spectral Gamma Ray Log

K Z

OCD TOPS

Rustler	1330	Strawn		
Tansill	2674	Atoka		
Yates	2706	Morrow		
7 rvs	2947			
T. Bowers Sd	3277	Austin		
B. Bowers Sd	3354	Chester		
Queen	3494	Miss Lime		
Penrose	3613	Woodford		
Grayburg	3778	Devonian		
San Andres	4158	Silurian		
Glorieta	5240	Fussleman		
Paddock	5293	Montoya		
Blinebry		Simpson		
Tubb	6266	Mckee		
Drinkard	6595	Ellenburger		
Abo	6874	Granite Wash		
Wolfcamp		preCambrian		

APR 29 2013