

HOBBS OCD

DEC 08 2011

WELL LOGS

K Z

API number:	30-025-39289	RECEIVED	
OGRID:		Operator:	COG OPERATING LLC
		Property:	PATTERSON B-52 FEDERAL # 4H

surface	ULSTR:	L	5	T	19S	R	32E
			2310	FSL	660	FWL	

BH Loc	ULSTR:	M	5	T	19S	R	32E
			335	FSL	670	FWL	

Ground Level:	3654	DF:	3671	KB:	3672		
Datum:	KB			MD:	11091	TVD:	9313

Land:	FEDERAL	Completion Date: (1)	7/25/2011
		Date Logs Received:	8/2/2011
		Date C105 Received:	8/25/2011
		Date Logs/C105 Due in: (2)	8/14/2011

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		
DSN/SDL	200	5398	Spectral Density Dual Spaced Neutron
DLL/MGRD	1003	5462	Dual Laterolog Micro Guard Log
CSL	1003	5415	Compensated Sonic
CBL	0	5378	Cement Bond

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OCD TOPS

Rustler	962	Bone Spring		
Tansill	2217	1st Sd		
Yates	2373	2nd Carb		
7 rvrs	2842	2nd Sd		
		3rd Carb		
		3rd Sd		
Queen	3553	Wolfcamp		
Penrose				
Grayburg	4071	Strawn		
San Andres	4503	Atoka		
Glorieta		Morrow		
Yeso				
Abo				
		Barnett Sh		
Capitan Reef		Miss Lime		
Getaway Bank				
Delaware Sd	5010			

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