

WELL LOGS

K_Z

API number:	30-025-40348		
OGRID:		Operator:	COG OPERATING LLC
		Property:	COSMO 8 STATE # 4H

surface	ULSTR:	P	08	T	21S	R	34E
			660	FSL		660	FEL

BH Loc	ULSTR:	M	08	T	21S	R	34E
			599	FSL		210	FWL

Ground Level:	3714	DF:	3744	KB:	3745		
Datum:	KB			MD:	14841	TVD:	10810

Completion Date: (1)	9/17/2012
Date Logs Received:	11/7/2012
Date C105 Received:	11/5/2012
Date Logs/C105 Due in: (2)	10/7/2012

Land: STATE

Confidential:	NO			Date out:		
---------------	----	--	--	-----------	--	--

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	190	11544	Spectral Density Dual Spaced Neutron
DLL/MGRD	1595	11593	Dual Laterolog Micro Guard Log

K_Z

OCD TOPS

Rustler	1896	Bone Spring	8576		
Tansill	3707	1st Sd	9794		
Yates	3838	2nd Carb	10084		
7 rvs	4231	2nd Sd	10456		
		3rd Carb	10930		
		3rd Sd			
Queen		Wolfcamp			
Penrose					
Grayburg		Strawn			
San Andres		Atoka			
Glorieta		Morrow			
Yeso					
Abo					
		Barnett Sh			
Capitan Reef	4346	Miss Lime			
Getaway Bank					
Delaware Sd	5596				

JAN 08 2013

dm