

WELL LOGS

K z

API number:	30-025-38837		
OGRID:		Operator:	COG OPERATING LLC
		Property:	BC FEDERAL # 19

surface	ULSTR:	E	19	T	17S	R	32E
			1460	FNL	420	FWL	

BH Loc	ULSTR:	E	19	T	17S	R	32E
			1460	FNL	420	FWL	

Ground Level:	3932	DF:	3943	KB:	3944	
Datum:	KB			TD:	7045	

Land:	FEDERAL	Completion Date: (1)	8/20/2008	***LATE***
		Date Logs Received:	9/26/2008	
		Date Logs Due in: (2)	9/9/2008	

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		
CNL	100	6956	Compensated Neutron Log

K z

OCD TOPS

Rustler	617	Strawn		
Tansill		Atoka		
Yates	1967	Morrow		
7 rvs	2327			
	2683	Austin		
	2751	Chester		
Queen	2930	Miss Lime		
Penrose				
Grayburg	3313			
San Andres	3640			
Glorieta	5199			
Paddock	5292			
Blinbry				
Tubb	6689			
Drinkard				
Abo				
Wolfcamp				

30-025-38837

OPERATOR _____ COG _____
WELL/LEASE _____ B C Fed 19 E-19-17s-32e
COUNTY _____ Lea (460/N & 420/W)

STATE OF NEW MEXICO
DEVIATION REPORT

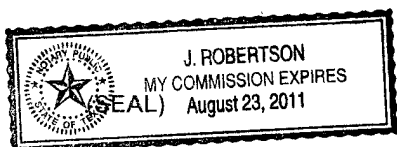
240	0.50
507	0.50
653	0.75
672	0.75
976	1.00
1284	0.75
1601	0.75
1918	1.25
1918	3.00
2250	1.25
2290	1.25
2578	0.50
2896	0.50
3213	0.50
3530	1.00
3846	0.50
4164	1.00
4481	0.50
4797	0.50
5115	1.00
5430	0.50
5748	0.50
6034	1.00
6382	0.50
6699	0.50
6985	0.50

SIGNED BY:

David Sledge
DAVID SLEDGE, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 16th DAY OF August, 2008, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED DAVID SLEDGE, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.



J. Robertson
NOTARY PUBLIC