

WELL LOGS

K Z

API number:	30-025-39028		
OGRID:		Operator:	COG OPERATING LLC
		Property:	LEAKER CC STATE # 17

surface	ULSTR:	H	16	T	17S	R	32E
			2310	FNL	330	FEL	

BH Loc	ULSTR:	H	16	T	17S	R	32E
			2310	FNL	330	FEL	

Ground Level:	4054	DF:	4065	KB:	4066	
Datum:	KB			TD:	6988	

Land:	STATE	Completion Date: (1)	2/19/2009
		Date Logs Received:	3/6/2009
		Date Logs Due in: (2)	3/11/2009

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	6924	Compensated Neutron Log

K Z

OCD TOPS

Rustler	863	Strawn			
Tansill		Atoka			
Yates	2207	Morrow			
7 rvs	2556				
	2910	Austin			
	2990	Chester			
Queen	3170	Miss Lime			
Penrose					
Grayburg	3574				
San Andres	3927				
Glorieta	5447				
Yeso	5516				
Blinebry					
Tubb					
Drinkard					
Abo					
Wolfcamp					

OPERATOR COG Operating
WELL/LEASE Leaker CC St. 17 H-16-175-32e
COUNTY Lea 2310/N & 330/E

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-39028

233	0.25
450	0.25
662	0.50
809	0.75
1062	0.75
1316	0.75
1570	0.50
1856	0.75
2006	1.00
2166	1.00
2480	0.50
2805	0.50
3399	0.50
3724	0.50
4001	0.50
4319	0.50
4642	0.50
4951	0.50
5308	0.50
5616	0.50
5934	0.50
6251	0.50
6576	0.50
6947	0.50

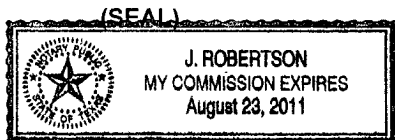
SIGNED BY:

David Sledge
DAVID SLEDGE, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 6th DAY OF February 2009, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED DAVID SLEDGE, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.

Ka



J. Robertson
NOTARY PUBLIC