

WELL LOGS

K Z	API number:	30-025-39049	
	OGRID:	Operator:	RANGE OPERATING NEW MEXICO INC
		Property:	CHRISTMAS 28 # 4

surface	ULSTR:	C	28	T	22S	R	37E
			697	FNL	1681	FWL	

BH Loc	ULSTR:	C	28	T	22S	R	37E
			697	FNL	1681	FWL	

Ground Level:	3355	DF:	3367	KB:	3368	
Datum:	KB			TD:	6995	

Land:	FEE	Completion Date: (1)	1/26/2009
		Date Logs Received:	3/18/2009
		Date Logs Due in: (2)	2/15/2009

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		
TD LD CN/GR	2500	6959	Three Detector Litho-Density
HRLA	2500	6957	High Resolution Laterolog
BHC	2500	6985	Borehole Compensated Sonic

K Z	OCD TOPS				
Rustler		Strawn			
Tansill	2501	Atoka			
Yates	2666	Morrow			
7 rvs	2895				
	3205	Austin			
	3276	Chester			
Queen	3411	Miss Lime			
Penrose					
Grayburg	3674				
San Andres	3934				
Glorieta	5103				
Paddock					
Blinbry					
Tubb	6102				
Drinkard	6378				
Abo	6689				
Wolfcamp					

OPERATOR
WELL/LEASE
COUNTY

RANGE PRODUCTION CO.
CHRISTMAS 28 #4
LEA

063-0269

C-28-225-37e
697/W & 1681/W

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-39049

482	0.25
970	0.25
1,458	0.75
1,927	2.00
2,397	5.50
2,522	4.00
2,679	3.00
3,212	1.00
3,683	1.00
4,183	0.75
4,647	1.00
5,144	0.75
5,644	1.00
6,114	1.00
6,610	0.50
6,995	0.50

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UT/ Drilling Company LLC.

January 6, 2009, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

