

WELL LOGS

K Z

API number:	30-025-38432		
OGRID:		Operator:	RANGE OPERATING NEW MEXICO INC
		Property:	NEW MEXICO M STATE # 61

surface	ULSTR:	P	18	T	22S	R	37E
			790	FSL	990	FEL	

BH Loc	ULSTR:	P	18	T	22S	R	37E
			790	FSL	990	FEL	

Ground Level:	3407	DF:	3419	KB:	3420	
Datum:	KB			TD:	6960	

Land:	STATE	Completion Date: (1)	3/1/2009	
		Date Logs Received:	4/6/2009	***LATE***
		Date Logs Due in: (2)	3/21/2009	

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		
TD LD CN/GR	2500	6912	Three Detector Litho-Density
HRLA	2500	6874	Hostile Natural Gamma Ray Spectroscopy
BHC	2500	6945	Borehole Compensated Sonic

K Z

OCD TOPS

Rustler		Strawn			
Tansill		Atoka			
Yates	2656	Morrow			
7 rvs	2857				
	3142	Austin			
	3245	Chester			
Queen	3333	Miss Lime			
Penrose	3452				
Grayburg	3610				
San Andres	3879				
Glorieta	5098				
Paddock					
Blinbry					
Tubb	6130				
Drinkard	6417				
Abo	6705				
Wolfcamp					

OPERATOR
WELL/LEASE
COUNTY

RANGE PRODUCTION CO.
NM "M" STATE 61
LEA

RIG 63

30-025-38432 RECEIVED

P-18- 225- 37e

APR 06 2009

70/S & 990/E

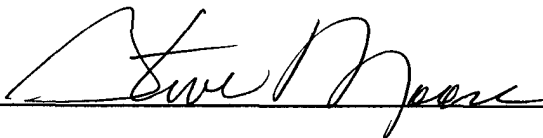
HOBBSOCD

STATE OF NEW MEXICO
DEVIATION REPORT

500	0.50
1,004	0.75
1,480	0.75
1,980	1.25
2,460	1.50
2,961	3.00
3,275	2.75
3,743	2.50
4,213	2.00
4,619	1.00
5,075	0.75
5,677	1.00
6,049	1.50
6,517	1.00
6,929	0.75

STATE OF TEXAS

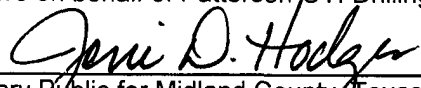
COUNTY OF MIDLAND

BY: 



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

FEBRUARY 23, 2009, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

