

# WELL LOGS

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API number:	30-025-38924		
OGRID:		Operator:	MELROSE OPERATING CO
		Property:	JALMAT FIELD YATES SAND UNIT # 178

surface	ULSTR: N	12	T	22S	R	35E
		528	FSL	1869	FWL	

BH Loc	ULSTR: N	12	T	22S	R	35E
		528	FSL	1869	FWL	

Ground Level:	3589	DF:	3596	KB:	3597
Datum:	KB			TD:	4180

Land: STATE

Completion Date: (1) 10/28/2008  
 Date Logs Received: 1/20/2009 \*\*\*LATE\*\*\*  
 Date Logs Due in: (2) 11/17/2008

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		
CN/GR	2500	4114	Compensated Neutron GR
ACB	0	4114	Acoustic Cement Bond

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## OCD TOPS

Rustler	1742	Strawn		
Tansill	3562	Atoka		
Yates	3722	Morrow		
7R				
Capitan Reef	4076			
Queen				
Penrose				
Grayburg				
San Andres				
Glorieta				
Tubb				
Drinkard				
Abo				
Wolfcamp				

Field Yates Sand Unit

WELL NAME AND NUMBER Jalmat #178 Unit 30-025-38924  
LOCATION Section 12, T22S, R35E, 528 FSL, 1869 FWL, Lea County  
OPERATOR Melrose Operating, Company  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
3/4 @ 425'		
3/4 @ 1005'		
3/4 @ 1512'		
3/4 @ 1994'		
3/4 @ 2530'		
3/4 @ 3006'		
1 @ 3513'		

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega  
Luisa Noriega

Title: Asst. Office Mgr

Subscribed and sworn to before me this 29 day of September, 2008

Dennis A. Cho  
Notary Public  
Chaves, NM  
County State

My Commission Expires: 10-8-08

KS