

WELL LOGS

K Z

API number:	30-025-38201		
OGRID:		Operator:	TORCH ENERGY SERVICES INC
		Property:	JAL COOPER UNIT # 506

surface	ULSTR:	O	18	T 24S	R 37E
			1310	FSL	2477 FEL

BH Loc	ULSTR:	O	18	T 24S	R 37E
			1310	FSL	2477 FEL

Ground Level:	3329	DF:	3341	KB:	3342
Datum:	KB			TD:	3780

Land: FEE

Completion Date: (1) 2/14/2007

Date Logs Received: 6/5/2008 ***LATE***

Date Logs Due in: (2) 3/6/2007

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		
MPD/MDN	100	3750	Compensated Neutron Photo Density GR
MLE/MMR	409	3778	Dual Laterolog Micro Laterolog

K Z

OCD TOPS

Rustler	1219	Strawn		
Tansill	2821	Atoka		
Yates	2976	Morrow		
7R	3212			
T. Bowers Sd				
B. Bowers Sd				
Queen	3596	Top Jalmat	2821	
Penrose		Base Jalmat	3496	
Grayburg		Top Langlie Mattix	3496	
San Andres		Queen	3596	
Glorieta		Base Langlie Mattix	nd	
Tubb				
Drinkard				
Abo				
Wolfcamp				

TEACO DRILLING INC.

P O. BOX 1500 (505) 3910699 FAX (505) 391- 3824 HOBBS, NEW MEXICO 88241

INCLINATION REPORT

DATE: 1/22/07

WELL NAME AND NUMB JAL COOPER UNIT # 506
LOCATION LEA COUNTY, NEW MEXICO
OPERATOR: TORCH ENERGY
DRILLING CONTRACTOR TEACO DRILLING INC

RECEIVED

JUN 05 2008

HOBBS OCD

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN AUTHORIZED REPRESENTATIVE OF THE DRILLING CONTRACTOR WHO DRILLED THE ABOVE DESCRIBED WELL AND THAT HE HAS CONDUCTED DEVIATION TEST AND OBTAINED THE FOLLOWING RESULTS:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
<u>1</u>	<u>608</u>	<u>3</u>	<u>2776</u>	<u> </u>	<u> </u>
<u>0.75</u>	<u>703</u>	<u>3</u>	<u>2899</u>	<u> </u>	<u> </u>
<u>0.75</u>	<u>892</u>	<u>3</u>	<u>3150</u>	<u> </u>	<u> </u>
<u>0.75</u>	<u>1079</u>	<u>3</u>	<u>3743</u>	<u> </u>	<u> </u>
<u>1</u>	<u>1580</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>0.5</u>	<u>1862</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>0.5</u>	<u>2179</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1</u>	<u>2431</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.75</u>	<u>2550</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>3.25</u>	<u>2679</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

9-18-245-37e
1310/54 2477/E
30-025-38201

DRILLING CONTRACTOR:
TEACO DRILLING INCORPORATED

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDANT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 22nd DAY OF January, 200~~6~~7

MY COMMISSION EXPIRES: 8-30-08Monica BoydKa