

WELL LOGS

K Z

API number:	30-025-38189		
OGRID:	Operator:	TORCH ENERGY SERVICES INC	
	Property:	JAL COOPER UNIT	# 504

surface	ULSTR:	F	18	T	24S	R	37E
			1330	FNL	2468	FWL	

BH Loc	ULSTR:	F	18	T	24S	R	37E
			1330	FNL	2468	FWL	

Ground Level:	3296	DF:	3308	KB:	3309
Datum:	KB			TD:	3696

Land: FEE Completion Date: (1) 3/12/2007
 Date Logs Received: 6/5/2008 ***LATE***
 Date Logs Due in: (2) 4/1/2007

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	3669	Compensated Neutron Photo Density GR
MLE/MMR	406	3700	Dual Laterolog Micro Laterolog

K Z

OCD TOPS

Rustler	1202	Strawn		
Tansill	2798	Atoka		
Yates	2970	Morrow		
7R	3196			
T. Bowers Sd				
B. Bowers Sd				
Queen	3570	Top Jalmat	2798	
Penrose		Base Jalmat	3470	
Grayburg		Top Langlie Mattix	3470	
San Andres		Queen	3570	
Glorieta		Base Lang:ie 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

RECEIVED

DATE: 1/3/07

JUN 05 2008

WELL NAME AND NUMB JAL COOPER UNIT #504
LOCATION LEA COUNTY NEW MEXICO
OPERATOR:
DRILLING CONTRACTOR TEACO DRILLING INC

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:

F- 18- 24s - 37e
1330/W @ 2468/W
30-025-38189

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
<u>0.25</u>	<u>407</u>	<u>2.25</u>	<u>2682</u>	_____	_____
<u>1</u>	<u>889</u>	<u>2.25</u>	<u>2772</u>	_____	_____
<u>0.75</u>	<u>1024</u>	<u>3</u>	<u>2870</u>	_____	_____
<u>0.75</u>	<u>1332</u>	<u>2.5</u>	<u>2996</u>	_____	_____
<u>0.75</u>	<u>1520</u>	<u>3</u>	<u>3122</u>	_____	_____
<u>0.5</u>	<u>1836</u>	<u>2.75</u>	<u>3247</u>	_____	_____
<u>0.75</u>	<u>2149</u>	<u>3</u>	<u>3369</u>	_____	_____
<u>1.25</u>	<u>2335</u>	<u>2.5</u>	<u>3556</u>	_____	_____
<u>1.75</u>	<u>2461</u>	<u>2.75</u>	<u>3696</u>	_____	_____
<u>2</u>	<u>2587</u>	_____	_____	_____	_____

DRILLING CONTRACTOR:
TEACO DRILLING INCORPORATED

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDANT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 3rd DAY OF January ~~2006~~ 2007

MY COMMISSION EXPIRES: 8-30-8 Monica Bozoff

Ka