

WELL LOGS

K Z

API number:	30-025-39099		
OGRID:		Operator:	TORCH ENERGY
		Property:	COOPER JAL UNIT # 517

surface	ULSTR:	A	25	T	24S	R	36E
			110	FNL	160	E	

BH Loc	ULSTR:	A	25	T	24S	R	36E
			110	FNL	160	E	

Ground Level:	3286	DF:	3297	KB:	3298	
Datum:	KB			TD:	3810	

Land: FEE

Completion Date: (1) 10/20/2008

Date Logs Received: 10/10/2008

Date C-105 Received: 12/4/2008 ***LATE***

Date Logs/C-105 Due in: (2) 11/9/2008

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	
CNL/GR/CCL	1089	3769 Compensated Neutron Gama Ray CCL LOG
CBL/GR/CCL	1089	3769 Cement Bond Gama Ray CCL LOG

K Z

OCD TOPS

Rustler	1105	Strawn		
Tansill		Atoka		
Yates	2994	Morrow		
7 rvs	3222			
		Austin		
		Chester		
Queen	3639	Miss Lime		
Penrose				
Grayburg		R-640 250' above top Queen		
San Andres		Base Jalmat Pool	3389	
Glorieta		Top Langlie Mattix	3389	
Paddock				
Blinbry				
Tubb				
Drinkard				
Abo				
Wolfcamp				

RECEIVED

SEP 25 2008

HOBBS (11)

ROD
RIC
CORPORATION

Post Office Box 1767
Midland, Texas 79702
(432) 682-7880

FILE

Well Name & Number: Cooper Jal Unit #517

30-025-39099

Operator: Torch Energy Services, Inc.

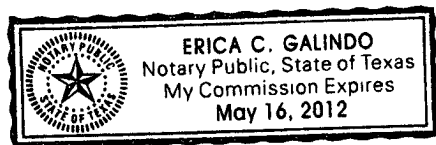
Attention: Drilling Department

Location: 110' FNL & 160' FEL, Section 25, T-24-S, R-36-E

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

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
244	244	0.50	0.87	2.12	2.12
618	374	0.50	0.87	3.25	5.37
1,070	452	0.50	0.87	3.93	9.30
1,547	477	0.25	0.00	0.00	9.30
2,023	476	2.00	3.05	14.52	23.82
2,124	101	2.50	4.36	4.40	28.22
2,252	128	3.00	5.23	6.69	34.91
2,379	127	2.50	4.36	5.54	40.45
2,474	95	3.00	5.23	4.97	45.42
2,601	127	3.25	5.67	7.20	52.62
2,696	95	3.50	6.10	5.80	58.42
2,822	126	3.75	6.54	8.24	66.66
2,949	127	4.00	6.98	8.86	75.52
3,202	253	5.50	6.98	17.66	93.18
3,266	64	6.00	6.98	4.47	97.65
3,391	125	6.00	6.98	8.73	106.38
3,486	95	5.50	6.98	6.63	113.01
3,614	128	6.00	6.98	8.93	121.94
3,804	190	6.00	6.98	13.26	135.20



Drilling Contractor: Rod Ric Drilling, LP

By: Fred Schwiening III
Fred Schwiening III - Vice President

Subscribed and sworn to me before this 19th day of September, 2008.

Erica C. Galindo
Notary Public

My Commission Expires: 5-16-2012

Midland County, Texas