



Side Two

Operator Name: Tomado Energy Partners, LLC Lease Name: Harris Well #: TEP-1  
 Sec. 11 Twp. 27 S. R. 22  East  West County: Bourbon

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	106'	+829'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oswego Lime	197'	+738'
		Squirrel Sand	234'	+701'

List All E. Logs Run:

High Resolution Compensated Density Sidewall Neutron Log;  
 Dual Induction LL3/GR Log; Gamma Ray/Cement Bond/CCL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11"	8 5/8"	20	20'	Portland	4	None
Production	6 3/4"	4 1/2"	10.5	346'	Thickset	50	Kol-Seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	237' to 248'	Acidized w/400 gal 15% HCL	237'-248'

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>269'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>1-13-2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>1%</u>	Gas Mcf <u>0</u>	Water Bbls. <u>10</u>	Gas-Oil Ratio <u>0</u> Gravity <u>31</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-19.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>237-248'</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

APR 05 2010

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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 23878  
LOCATION EUREKA  
FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-11-09		O'BRIEN TEP-1	14	275	22E	Bourbon
CUSTOMER TORNADO ENERGY PARTNERS, LLC			G & J Well Service			
MAILING ADDRESS P.O. Box 4782			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Englewood			445	Justin		
STATE Co.			479	Chris		
ZIP CODE 80155			437	Jim		

JOB TYPE Longstring HOLE SIZE 63/4 HOLE DEPTH 352' CASING SIZE & WEIGHT 4 1/2 10.5 x 11.6 new  
CASING DEPTH 348' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 13.6<sup>g</sup> SLURRY VOL 16 BBL WATER gal/sk 9.0 CEMENT LEFT in CASING 0'  
DISPLACEMENT 5.4 BBL DISPLACEMENT PSI 300 MIX PSI 650 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. BREAK CIRCULATION w/ 10 BBL Fresh water. Pump 3 SKS (150") GEL Flush, 8 BBL metasilicate pre flush, 2 BBL dye water. Mixed 50 SKS Thick Set Cement w/ 5" Kol-Seal /sk @ 13.6<sup>g</sup> /gal yield 1.75. Shut down. wash out pump & lines. Release Plug. Displace w/ 5.4 BBL Fresh water. Final Pumping Pressure 300 PSI. Bump Plug to 650 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to SURFACE = 4 BBL slurry to pit. Job Complete. Rig down.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	60	MILEAGE 15 <sup>1</sup> well of 2	3.45	207.00
1126 A	50 SKS	THICK Set Cement	16.00	800.00
1110 A	250 #	KOL-SEAL 5" /SK	.39 #	97.50
1111 A	50 #	Metasilicate Pre Flush	1.70 #	85.00
1118 A	150 #	Gel Flush	.16 #	24.00
5407	2.75 TONS	Ton Mileage BULK TRUCK	MIC	296.00
5502 C	6 HRS	80 BBL VAC TRUCK	94.00	564.00
1123	3000 GALS	CITY WATER	14.00/1000	42.00
4404	1	4 1/2 Top Rubber Plug	43.00	43.00
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CONSERVATION DIVISION WICHITA, KS			Sub Total	3028.50
THANK YOU			SALES TAX	68.76
			ESTIMATED TOTAL	3097.26

Revin 3737

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE 12-11-09

Rig Number: 1	S. 14 T. 27 R. 22E
API No. 15-011-23700	County: BB
Elev. 446	Location: NE NE NW NW

Operator: Tornado Energy Partners, LLC	
Address: 16 Ivenness' Pl East, Bldg B Englewood, CO 80112	
Well No: TEP-1	Lease Name: O'Brien
Footage Location: 165 ft. from the (N) (S) Line 2970 ft. from the (E) (W) Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 12/8/09	Geologist: Harley
Date Completed: 12/9/09	Total Depth: 352'

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 5/8"	
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	20.5	MCP	
Type Cement:	Port		
Sacks:	4	MCP	

Gas Tests:	
177	Ø
202	Ø
252	18" on 1/8"
277	9" on 1/4"
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Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Soil/clay	0	9								
shale	9	33								
lime	33	119								
shale	119	123								
lime	123	141								
coal	141	143								
lime	143	154								
coal	154	157								
shale	157	186								
coal	186	187								
shale	187	208								
osw lime	208	222								
summit	222	230								
lime	232	237								
mulberry	237	240								
sand	240	242								
oil sand	242	256								
shale	256	352	TD							

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