

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34326
Name: Tornado Energy Partners, LLC
Address 1: 16 Inverness Place East, Bldg. B
Address 2: _____
City: Englewood State: CO Zip: 80112 + _____
Contact Person: Larry Weis
Phone: (303) 895-7178
CONTRACTOR: License # 5675
Name: McPherson Drilling
Wellsite Geologist: Larry Weis
Purchaser: Negotiating contract with crude Purchaser

API No. 15 - 15-011-23745-0000
Spot Description: _____
NE SW NE NW Sec. 14 Twp. 27 S. R. 22 East West
805 Feet from North / South Line of Section
3,300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Bourbon
Lease Name: O'Brien Well #: TEP-3
Field Name: Wildcat
Producing Formation: Squirrel Sand

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

Elevation: Ground: 955' Kelly Bushing: _____
Total Depth: 327' Plug Back Total Depth: 321'
Amount of Surface Pipe Set and Cemented at: 21' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 324'
feet depth to: surface w/ 50 sx cmt.

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
8-8-2010 8-8-2010 9-16-2010
Spud Date or 8-8-2010 Date Reached TD 9-16-2010 Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-111 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

My Commission Expires

RONALD MICHAEL MAURO
Notary Public
State of Colorado

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: _____
Title: Field Manager, Geologist Date: 11-23-10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg Date: 12/2/10

Operator Name: Tornado Energy Partners, LLC Lease Name: O'Brien Well #: TEP-3
 Sec. 14 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: High resolution compensated density sidewall Neutron log; Dual induction LL3/gamma ray log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Oswego Lime</td> <td>211'</td> <td>+744'</td> </tr> <tr> <td>Squirrel Sand</td> <td>253'</td> <td>+702'</td> </tr> </table>	Name	Top	Datum	Oswego Lime	211'	+744'	Squirrel Sand	253'	+702'
Name	Top	Datum								
Oswego Lime	211'	+744'								
Squirrel Sand	253'	+702'								

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	21'	Portland	4	None
Production	6 3/4"	4 1/2"	9.5	324"	50	Thickset	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
3	252--256'	Acidized w/300 gal 15% HCl, Frac'd w/3000#	252'-256'
		20/40 sand, 120 bbl gel water	
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		NOV 24 2010	
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TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>260'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>9-22-10</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>1/2 BOPD</u>	Gas Mcf <u>10 MCFGD</u> Water Bbls. <u>17 BWPD</u> Gas-Oil Ratio <u>20</u> Gravity <u>30</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>252'-256'</u>
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O'Brien TEP-3
NE SW NE NW
805' FNL, 3300' FEL
Sec. 14-27S-22E
Bourbon County, Kansas
API 15-011-23745
August 10, 2010

Core Description

Top of oil sand: 248'

248'-255.5': ss, fine to med grained, med gray, good to excellent porosity, strong bleeding med gravity brown oil

255.5'-257.5': ss, as above, bleeding oil but not as strong

257.5'-263': ss, as above, minor bleeding oil

263'-267': shale, dark gray, no porosity, no show

T.D. at 327'

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McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 14 T. 27 R. 22 E
API No. 15- 011-23745	County: Boubon
Elev. 955	Location: S/2 NE NE NW

Gas Tests:
Comments: Start injecting @

Operator: TORNADO ENERGY PARTNERS, LLC	
Address: 16 IVERNESS PLACE EAST BLDG B ENGLEWOOD, CO 80112	
Well No: TEP - 3	Lease Name: O'BRIEN
Footage Location:	805 ft. from the NORTH Line
	3300 ft. from the EAST Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 8/9/2010	Geologist: LARRY WISE
Date Completed: 8/10/2010	Total Depth: 327

Casing Record			Rig Time:	
Size Hole:	Surface 11"	Production 6 3/4"	1.5 hrs coring @ \$ 300/HR	
Size Casing:	8 5/8"		mobilization & demobilization \$ 1000.00	
Weight:	23#			
Setting Depth:	21.5	MCPHERSON		
Type Cement:	Portland		DRILLER:	Mac McPherson
Sacks:	4	MCPHERSON		

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
soil	0	2								
sand	2	11								
shale	11	19								
lime	19	24								
shale	24	44								
lime	44	51								
sandy shale	51	119								
lime	119	124								
shale	124	128								
lime	128	162								
blk shale	162	165								
shale	165	193								
coal	193	194								
shale	194	210								
coal	210	211								
shale	211	212								
oswego lime	212	229								
summit	229	238								
lime	238	242								
mulky	242	246								
shale	246	248								
oil sand	248	263								
sand	263	327 TD								

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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 29005
LOCATION EURERA
FOREMAN Rick Ledford

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
8-11-10	8122	O'Brien # TEP-3	14	273	22E	Boutban
CUSTOMER <u>Tornado Energy Partners</u>						
MAILING ADDRESS <u>Box 4782</u>						
CITY <u>Englewood</u>						
STATE <u>Co.</u>						
ZIP CODE <u>60155</u>						

JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT
<u>longstring 0</u>	<u>6 3/4"</u>	<u>325</u>	<u>4 1/2" x 9.5"</u>
CASING DEPTH	DRILL PIPE	TUBING	OTHER
<u>324</u>			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING
<u>13.6 #</u>	<u>16 Bbl</u>	<u>9.0</u>	<u>0</u>
DISPLACEMENT	DISPLACEMENT PSI	PSI	RATE
<u>5' Bbl</u>	<u>200</u>	<u>600 Bump plug</u>	

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 10 Bbl fresh water. Pump 10 Bbl caustic soda pre-flush. Mixed 50 sks thickset cement w/ 5" Kal-sol /sk @ 13.6#/gal yield 1.75. shut down. Washout pump + lines, release plug. Displace w/ 5' Bbl fresh water. Final pump pressure 200 PSI. Bump plug to 600 PSI wait 2 minutes release pressure, float + plug held. shut casing in @ 0 PSI. Cool cement returns to surface. 9 Bbl slurry to pit. Job complete. Rig down.

Thank You

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	1	MILEAGE 2 nd well of 2	n/c	n/c
1126A	50 sks	thickset cement	17.00	850.00
1110A	250 #	5" Kal-sol /sk	42	105.00
1103	50 #	caustic soda	1.45	72.50
5407	2.75	for mileage bulk tax	n/c	315.00
4404	1	4 1/2" top rubber plug	15.00	15.00
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Subtotal				2312.50
73 SALES TAX				78.29
ESTIMATED TOTAL				2390.79

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.