

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079455

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 #33343	API No. 1515-133-26745-00-01
Name:PostRock Midcontinent Production LLC	
Address 1: Oklahoma Tower	Spot Description:  N2 NW SE 0 21 - 30 19
Address 2: 210 Park Ave, Ste 2750	N2_NW_SE
City: OKLAHOMA CITY State: OK Zip: 73102 +	2310 Feet from North / ✓ South Line of Section 1980 Feet from ✓ East / West Line of Section
Contact Person: JENNIFER RS BEAL	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 4324205	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #34453	County: Neosho
Name: PostRock Energy Services Corporation	Lease Name: DIEDIKER LIVING TRUST Well #: 21-2
Wellsite Geologist: N/A	Field Name:Well #:
Purchaser:	Producing Formation: _CHEROKEE COALS
Designate Type of Completion:	Elevation: Ground: 940 Kelly Bushing: 0
☐ New Well ☐ Re-Entry ☑ Workover	Total Depth: 956 Plug Back Total Depth: 853
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: 22 Feet
☑ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	feet depth to:sx cmt.
Operator: POSTROCK	
Well Name: _DIEDIKER LIVING TRUST 21-2	Drilling Fluid Management Plan
Original Comp. Date: 12/20/2006 Original Total Depth: 956	(Data must be collected from the Reserve Pit)
☐ Deepening	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
✓ Plug Back: 853 Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSec TwpS. R East West
GSW Permit #:	County: Permit #:
4/11/2011	
Spud Date or Date Reached TD Completion Date or Recompletion Date	

## **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.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Confidential Release Date:
Geologist Report Received UIC Distribution
ALT I I II Approved by: Dearna Garrison Date: 04/25/2012

Side Two



Sec Twp.9S. R Typ Ceat		PostRock Midcontin			CLe	ase Na	me: DIE	DIKER L	IVING TRUS	T Well #: 2	1-2
recovery, and flow rates if gas to surface (set.), along with final chart(s). Attach extra short if more space is needed. Attach complete copy of all Electric line Logs surveyed. Attach flowers a short if more space is needed. Attach complete copy of all Electric line Logs surveyed. Attach date of the state of the s	Sec. 21 Twp.	30 s. R. <u>19</u>	✓ East	☐ West							
Altached Additional Sheets)    Catalog Additional Sheets    Samples Sent to Geological Survey	recovery, and flow r	rates if gas to surface te	st. along w	ith final cha	penetrated er shut-in <sub>l</sub> urt(s). Atta	d. Deta pressur ach exti	il all cores. e reached a sheet if r	Report all static level nore space	final copies of , hydrostatic pre e is needed. Att	drill stems tests essures, bottom ach complete co	giving interval teste hole temperature, f opy of all Electric W
Samples Sent to Seological Survey			Yes	s ✓ No			Log	Formatio	n (Top), Depth a	and Datum	Sample
Casing Record   Yes   No	Samples Sent to Ge	eological Survey	Yes	✓ No			-		Тор		Datum
CASING RECORD  New  Used  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String  Size Hole  Set Casing  Weight  Setting  Type of  HS Serks  Type and Percent Additives  Additives  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose:  Depth  Type of Cement  # Sacks Used  Type and Percent Additives  Perforate  Protect Casing  Pug Back TD  Type of Cement  # Sacks Used  Type and Percent Additives  Shots Per Foot  PERFORATION RECORD - Bridge Plugs Set/Type  Acid, Fracture, Shot, Cement Squeeze Record  (Amount and Kind of Material Used)  Depth  Attached  Production, SWD or ENHR.  Producing Method:  Percent Additives  Production  Per 24 Hours  Oil  Bbts.  Gas  Md  Water  Bbts.  Gas-Oil Ratio  Gravity  DISPOSITION OF GAS:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:	Electric Log Run Electric Log Submitt		Yes	✓ No			/A				
Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String	List All E. Logs Run:	:									
Purpose of String				CASIN	G RECOR	D [	New [	Used			
Drilled Set (n O.D.) Lbs. FR. Depth Cement Used Additives  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Protect Casing Plug Back TD Plug Off Zene Plug Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Attached  Attached Attached Attached Attached Liner Run:  Using RECORD: Size: Set Al: Packer Al: Liner Run:    Ves   No		Sizo Hele	Report	all strings se			e, intermedia	ate, production	on, etc.		
Purpose: Perforate Protect Casing Plug Ddf Zone Plug Odf Zone  Protect Casing Plug Odf Zone Plug Odf Zone  Perforation RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Attached  Attach	Purpose of String										Type and Percent Additives
Purpose: Perforate Perforate Protect Casing Plug Sack TO Plug Off Zone Plug Off Zone Post Specify Footage of Each Interval Perforated Attached Attached Attached Attached Attached Attached Attached  Attached				·		,					
Purpose:    Perforate    Protect Casing						V 1111					
Perforate Protect Casing Plug Back TO Protect Casing Plug Back TO Plug Off Zone Plug Sectifype Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Deptr Attached Attached Attached Attached Attached Attached Attached Attached Production, SWD or ENHR. Producing Method:  4/11/2011 Production, SWD or ENHR. Producing Method:  4/11/2011 Stimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:    Vented   Vented   Venter	Durness			ADDITIONA	L CEMEN	ITING /	SQUEEZE	RECORD			
Plug Back TD Plug Off Zone Plug Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Attached Attached Attached Attached Attached Attached Attached Interval Perforated Attached Interval Perforated Attached Interval Perforated Interval Perforated Attached Interval Perforated Attached Interval Perforated Attached Attached Interval Perforated Interval Per	Perforate	Top Bottom	Type of	Cement	# Sa	# Sacks Used Type and Percent Additives					
Attached Att	Plug Back TD										
Attached											
Attached Attached  Attached Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Attached Attached  Disposition of Gas:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:	Shots Per Foot	PERFORATION Specify Fo	N RECORD ootage of Eac	- Bridge Plu h Interval Pe	gs Set/Typ rforated	e		Acid, Fract	ure, Shot, Cemen	t Squeeze Record	Depth
Ate of First, Resumed Production, SWD or ENHR.  A/11/2011  Stimated Production Per 24 Hours  DISPOSITION OF GAS:  Wented Sold Used on Lease  Producing Method: Pumping Gas Lift Other (Explain)  Water Bbls.  Gas-Oil Ratio Gravity  PRODUCTION INTERVAL: Packer At:  Inner Run:  Yes No  Method: Producing Method: Producing Method:  Water Bbls.  PRODUCTION INTERVAL: Producing Method: Producing M	Attached	Attached				<del>-</del>	Attac	ched			Attached
A/11/2011  Stimated Production Per 24 Hours  DISPOSITION OF GAS:  Vented  Vent											
Packer At: Liner Run:  Yes No  No  Notate of First, Resumed Production, SWD or ENHR.  4/11/2011  Stimated Production Per 24 Hours  DISPOSITION OF GAS:  METHOD OF COMPLETION:  Packer At: Liner Run:  Yes No  Yes No  No  Notate Run:  Yes No  Other (Explain)  Gas Lift Other (Explain)  Water Bbls. Gas-Oil Ratio Gravity  Production Gravity  DISPOSITION OF GAS:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:				-						<del></del>	
Production, SWD or ENHR.  A/11/2011  Producing Method: Flowing Pumping Gas Lift Other (Explain)  Stimated Production Per 24 Hours  DISPOSITION OF GAS:  METHOD OF COMPLETION: Perf. Dually Comp. Commingled	UBING RECORD:	Size:	Set At:		Packer	At:	Liner F	·	Van 🗆 N	- 110	
Stimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  DISPOSITION OF GAS:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:  Vented Sold Used on Lease  Open Hole Perf. Dually Comp. Commingled	Pate of First, Resumed 4/11/2011	Production, SWD or ENHF				ing	Gas Lift				
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled	stimated Production Per 24 Hours	Oil Bb				-			<del></del>	as-Oil Ratio	Gravity
Vented ✓ Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled	DISPOSITIO	ON OF GAS:			4571.05						
(If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)	Vented ✓ Sold	Used on Lease		Hole .		Du:	ally Comp.			PRODUCTION	INTERVAL:

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	DIEDIKER LIVING TRUST 21-2
Doc ID	1079455

## Perforations

	880	CIBP	880
4	859-862	400 gals 15% acid/ 652 bbls slick water/ 2300# 20/40 sand	859-862
	853	CIBP	853
4	796-798/802-804	400 gals 15% acid/ 594 bbls slick water/ 6100# 20/40 sand	796-798/802-804
2	610-612/577-579/547- 549/516-518	400 gals 15% acid/ 867 bbls slick water/ 10000# 20/40 sand	610-612/577-579/547- 549/516-518
4	434-438	400 gals 15% acid/ 7707 bbls slick water/ 15100# 20/40 sand	434-438
6	396-398	400 gals 15% acid/ 310 bbls slick water/ 1500# 20/40 sand	396-398