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 # 32887
Name: Endeavor Energy Resources, LP
Address 1: PO Box 40
Address 2:
City: Delaware State: OK Zip: 74027 + ____
Contact Person: Joe Driskill
Phone: (918) 467-3111

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CONTRACTOR: License # 33072
Name: Well Refined Drilling
Wellsite Geologist: NA
Purchaser: NA

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [ ] Oil [ ] WSW [ ] SWD [ ] SIOW
- [ ] Gas [ ] D&A [ ] ENHR [x] SIGW
- [ ] OG [ ] GSW [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic [ ] Other *(Core, Expl., etc.)*:

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 #:

9-30-11	10-3-11	NA
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24661-00-00

Spot Description:
W2 - SE - SW - SW Sec. 4 Twp. 34 S. R. 18 [x] East [ ] West
330 Feet from [ ] North / [x] South Line of Section
710 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW

County: Labette
Lease Name: Stegmeir Well #: 4-1
Field Name: Cherokee Basin Coal Area
Producing Formation: NA
Elevation: Ground: 782 Kelly Bushing: ____
Total Depth: 930 Plug Back Total Depth: 924
Amount of Surface Pipe Set and Cemented at: 20' 10 1/2" Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: 20' 10 1/2"
feet depth to: surface w/ 5 sx cmt.

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-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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: Joe Driskill
Title: Operations Superintendent Date: 1-30-12

KCC Office Use ONLY

- [ ] Letter of Confidentiality Received
  Date:
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: DG Date: 2/8/12

Side Two

Operator Name: Endeavor Energy Resources, LP Lease Name: Stegmeir Well #: 4-1

Sec. 4 Twp. 34 S. R. 18 ☑ East ☐ West County: Labette

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Electric Log Submitted Electronically *(If no, Submit Copy)*	☐ Yes	☑ No

List All E. Logs Run:

Deep induction log
Litho Density CDL/CNL porosities

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Oswego Lime	300	
Mississippi	854	

CASING RECORD ☐ New ☐ 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	12 1/4"	8 5/8"	24#	20' 10 1/2"	Portland	5	
Production	7 7/8"	5 1/2"	17#	924	Thick Set	120	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
	NA		

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TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Not complete

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Well Refined Drilling Company, Inc.
4230 Douglas Road - Thayer, KS 66776
Contractor License # 33072
620-839-5581/Office; 620-432-6170/Jeff Cell; 620-839-5582/FAX

Rig #	2		Lic # 32887	
API #	15-099-24661-0000			
Operator	Endeavor Energy Resources LP			
Address	PO Box 40			
	Delaware, Ok 74027			
Well #	4-1	Lease Name:	Stegmeir	
Location	330	FSL	Line	
	710	FWL	Line	
Spud Date	9/30/2011			
Date Completed	10/3/2011	TD	930	
Driller	Josiah Kephart			

Casing Record	Surface	Production	
Hole Size	12 1/4"		7 7/8"
Casing Size	8 5/8"		
Weight	24		
Setting Depth	20' 10 1/2"		
Cement Type	Portland		
Sacks	5		
Feet of Casing			

Note:

HAVE RIG WILL DIG Rig #2

S4	T34S	R18E
Location		W2,SE,SW,SW
County		Labette

Gas Tests			
Depth	Oz	Orfice	flow - MCF
See Page 3			

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11LJ-100311-R2-057-Stegmeir 4-1-EER

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburde3n	124	192	shale	372	379	Breezy Hill lime
2	4	clay	192	224	Pawnee lime	379	415	shale
4	7	lime	224	225	shale	415	416.5	coal
7	23	shale	225	228	Anna blk shale	416.5	420	shale
23	26	lime	228	231	shale	420	421.5	coal
26	33	shale	231	232	Lexington coal	421.5	432	shale
33	34	coal	232	300	shale	432	433	coal
34	37	shale	300	334	Oswego lime	433	439	shale
37	45	lime	334	335	shale	439	440	coal
45	49	shale	335	337.5	Summit blk shale	440	442	shale
49	61	lime	337.5	342	shale	442	451	sand
61	64	shale	342	355	lime	451	463	shale
64	68	lime	355	356	shale	463	464	coal
68	92	shale	356	366	lime	464	467	shale
92	100	sand	366	367	shale	467	468	lime
100	103	sandy shale	367	370	Excello blk shale	468	477	shale
103	112	sand	370	371	Mulky coal	477	479	blk shale
112	124	sandy shale	371	372	shale	479	480	coal

Operator	Endeavor Energy Resources LP		Lease	Stegmeir		Well #	4-1	page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
480	496	shale						
496	497	coal						
497	553	shale						
553	554	Tebo coal						
554	590	shale						
590	594	Weir coal						
594	600	shale						
600	601	coal						
601	612	shale						
605		add water						
612	618	sandy shale						
618	634	laminated sand						
634	641	shale						
641	642	coal						
642	669	shale						
669	684	sand						
684	703	shale						
703	704	Dry Wood coal						
704	769	shale						
769	770.5	Rowe coal						
770.5	831	shale						
831	837	sandy shale						
837	842	shale						
842	844	Riverton coal						
844	854	shale						
854	868	Mississippi chat / lime						
868	930	brown lime						
930		Total Depth						
11LJ-100311-R2-057-Stegmeir 4-1-EER								

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Riverton coal Gas Tests

Depth	Oz	Orfice	flow - MCF
105		No Flow	
130		No Flow	
230	6	3/8"	8.74
255	Gas Check Same		
330	Gas Check Same		
355	3	3/4"	24.5
380	Gas Check Same		
430	Gas Check Same		
455	5	3/4"	31.6
480	7	3/4"	37.4
505	Gas Check Same		
530	5	3/4"	31.6
555	Gas Check Same		
605	Gas Check Same		
630	Gas Check Same		
655	Gas Check Same		
680	Gas Check Same		
705	Gas Check Same		
780	Gas Check Same		
855	Gas Check Same		
888	Gas Check Same		
905	Gas Check Same		
930	Gas Check Same		

10/5/2011 # 24489

1820000160

CONSOLIDATED

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Endeavor	State, County	Labette , Kansas	Cement Type	CLASS A
Job Type	LS	Section		Excess (%)	30
Customer Acct #	2520	TWP		Density	13.8
Well No.	Stegmeir #4-1	RGE		Water Required	
Mailing Address		Formation		Yeild	1.75
City & State		Hole Size	7 7/8	Slurry Weight	
Zip Code		Hole Depth	930	Slurry Volume	210 cuft
Contact		Casing Size	5 1/2INCH, J-55 (17 LBS)	Displacement	21.5
Email		Casing Depth	924	Displacement PSI	350
Cell		Drill Pipe		MIX PSI	200
Dispatch Location	BARTLESVILLE	Tubing		Rate	4.5

	Description	Quantity	Unit	Price per Unit		
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	$975.00	$	975.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	50	PER MILE	$4.00	$	200.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	$330.00	$	330.00
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0		924			$	194.04
				EQUIPMENT TOTAL	$	1,699.04

	Description	Quantity	Unit	Price per Unit		
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CLORIDE	120	0	$18.30	$	2,196.00
1107A	PHENOSEAL	80'	0	$1.22	$	97.60
1110A	KOL SEAL (50 # SK)	800	0	$0.44	$	264.00
1118B	PREMIUM GEL/BENTONITE (50#)	300	0	$0.20	$	60.00
1123	CITY WATER (PER 1000 GAL)	5	0	$15.60	$	78.00
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
				CHEMICAL TOTAL	$	2,695.60

	Description	Quantity	Unit	Price per Unit		
5501C	WATER TRANSPORT (CEMENT)	4	ATER TRANSPORT (CEME	$112.00	$	448.00
0			0	$0.00	$	-
0			0	$0.00	$	-
				TRANSPORT TOTAL	$	448.00

	Description	Quantity	Unit	Price per Unit		
			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
0			0	$0.00	$	-
4406	5 1/2" RUBBER PLUG	1	PER UNIT	$70.00	$	70.00
0			0	$0.00	$	-
				CEMENT FLOATING EQUIPMENT TOTAL	$	70.00
				SUB TOTAL	$	4,912.64
			10%	(-DISCOUNT)	$	491.26
				SALES TAX	$	191.93
				DISCOUNTED TOTAL	$	4,609.31

	DRIVER NAME
536 T133	Williams, Chancey
518	Lucas, Bryan
Nunnley TP	

AUTHORIZATION _____

DATE _____

TITLE _____

FOREMAN _____

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.

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CONSOLIDATED Oil Well Services, LLC

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Endeavor	State, County	Labette , Kansas	Cement Type	CLASS A
Customer Acct #	LS	Section	0	Excess (%)	30
Well No.	2520	TWP	0	Density	13.8
Mailing Address	Stegmeir #4-1	RGE	0	Water Required	0
City & State	0	Formation	0	Yeild	1.75
Zip Code	0	Hole Size	7 7/8	Slurry Weight	0
Contact	0	Hole Depth	930	Slurry Volume	210 cuft
Email	0	Casing Size	5 1/2INCH, J-55 (17 LBS)	Displacement	21.5
Cell	0	Casing Depth	924	Displacement PSI	350
Office	0	Drill Pipe	0	MIX PSI	200
Dispatch Location	BARTLESVILLE	Tubing	0	Rate	4.5

REMARKS

Pumped 6 sks gel ahead, est. circulation, pumped 120 sks thick-set cement, flushed pump and lines, displaced plug to bottom set shoe shut in. Circulated cement to surface.

Safety Mtg
Coop
Chancey
Brent

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