

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

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR 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 #: _____
9-13-11 9-14-11 10-3-11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-24660-00-00
Spot Description: _____
NE SW SW SW Sec. 5 Twp. 34 S. R. 18 East West
350 Feet from North / South Line of Section
550 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Labette
Lease Name: Mark Muller Well #: 5-1
Field Name: Valeda
Producing Formation: Mississippi
Elevation: Ground: 781' Kelly Bushing: _____
Total Depth: 905' Plug Back Total Depth: 900'
Amount of Surface Pipe Set and Cemented at: 22' 11" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 22' 11"
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: FEB 06 2012 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 #: _____

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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: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dog Date: 2/8/12

Operator Name: Endeavor Energy Resources, LP Lease Name: Mark Muller Well #: 5-1
 Sec. 5 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 <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 type="checkbox"/> Yes <input checked="" 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: Deep induction log Litho Density CDL/CNL porosities Gamma Ray Neutron Cement Bond Log	<input checked="" 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>Riverton</td> <td>826</td> <td></td> </tr> <tr> <td>Mississippi</td> <td>838</td> <td></td> </tr> </table>	Name	Top	Datum	Riverton	826		Mississippi	838	
Name	Top	Datum								
Riverton	826									
Mississippi	838									

CASING RECORD <input 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	12 1/4"	8 5/8"	24#	22' 11"	Portland	5	
Production	7 7/8"	5 1/2"	17#	900'	Class A	115	

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 (Amount and Kind of Material Used) Depth
2	841 - 844	1000 gal 15% HCL

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TUBING RECORD: Size: <u>1.9" Fiberglass</u> Set At: <u>870'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>12-14-11</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>sub pump</u>
Estimated Production Per 24 Hours	Oil Bbls. <u>120 mcf/day</u>	Gas Mcf <u>250 bbls/day</u>
	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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: _____ _____
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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	S5	T34S	R18E	
API #	15-099-24660-0000			Location	NE, SW, SW, SW		
Operator	Endeavor Energy Resources LP			County	Labette		
Address	PO Box 40						
	Delaware, Ok 74027						
Well #	5-1	Lease Name:	Mark Muller	Depth	Oz	Orifice	flow - MCF
Location	350	FSL	Line				
	550	FWL	Line	See Page 3			
Spud Date	9/13/2011						
Date Completed	9/14/2011	TD	905				
Driller	Josiah Kephart						
Casing Record	Surface	Production					
Hole Size	12 1/4"		7 7/8"				
Casing Size	8 5/8"						
Weight							
Setting Depth	22'11"						
Cement Type	Portland						
Sacks	5						
Feet of Casing							
Note:							
11LI-091411-R2-051-Mark Muller 5-1 EER							



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Well Log								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	99	102	sand	362	363	shale
2	4	clay	102	109	sandy shale	363	366	blk shale
4	12	lime	109	188	shale	366	367	coal
12	17	shale	188	218	lime	367	375	lime
17	18	lime	218	220	shale	375	377	shale w lime strks
18	27	shale	220	223	blk shale	377	411	shale
27	29	blk shale	223	225	shale	411	413	coal
29	31	shale	225	226	coal	413	420	shale
31	43	lime	226	295	shale	420	425	sand
43	45	blk shale	295	330	lime			odor
45	46	shale	330	332	shale	425	426	coal
46	57	lime	332	335	blk shale	426	430	shale
57	59	shale	335	336	shale	430	431	lime
59	68	sandy shale	336	345	lime	431	436	sand shale
68	69	lime	345	346	break	436	442	shale
69	76	shale	346	352	lime	442	444	lime
76	97	sandy shale	352	353	break	444	445	shale
97	99	shale	353	362	lime	445	447	bl shale

Gas Tests			
Depth	Oz.	Orifice	flow MCF
105		trace	
230	10	3/8"	11.3
280	9	3/8"	10.7
330	7	3/8"	9.45
355	14	3/8"	13.4
380	7	1"	68.3
430	10	1"	81.6
455	13	1"	93.6
480	10	1"	81.6
530	9	1"	77.5
580	Gas Check Same		
605	Gas Check Same		
630	Gas Check Same		
655	Gas Check Same		
705	Gas Check Same		
730	Gas Check Same		
755	8	1"	73.1
805	Gas Check Same		
830	Gas Check Same		
855	6	1 1/2"	170
905	Gas Check Same		

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#2115



CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Endeavor, LS	State, County	Labette, Kansas	Cement Type	CLASS A
Customer Acct #	2520	Section	5	Excess (%)	30
Well No.	Mark Muller #5-1	TWP	34S	Density	13.8
Mailing Address		RGE	18	Water Required	
City & State		Formation	buville	Yield	1.75
Zip Code		Hole Size	7 7/8	Slurry Weight	13.8
Contact		Hole Depth	905	Slurry Volume	201.25 cuft
Email		Casing Size	5 1/2 INCH, J-55 (17 LBS)	Displacement	21.5
Cell		Casing Depth	900	Displacement PSI	550
Office		Drill Pipe	0	MIX PSI	250
Dispatch Location	BARTLESVILLE	Tubing		Rate	4.5
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX.	\$975.00	\$ 975.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	/LOAD	\$330.00	\$ 330.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	50	/MI PER UNIT	\$4.00	\$ 200.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
		900			\$ 189.00
				EQUIPMENT TOTAL	\$ 1,694.00
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CHLORIDE)	115	POUNDS	\$18.30	\$ 2,104.50
1107A	PHENOSEAL	80	POUNDS	\$1.22	\$ 97.60
1110A	KOL SEAL (50 # SK)	800	50 POUND SACK	\$0.44	\$ 352.00
1118	PREMIUM GEL/BENTONITE (100#)	300	POUNDS	\$0.20	\$ 60.00
1123	CITY WATER (PER 1000 GAL)	5,000	1000 GAL	\$0.02	\$ 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	\$ -
0			0	\$0.00	\$ -
				CHEMICAL TOTAL	\$ 2,604.10
5501C	WATER TRANSPORT (CEMENT)	5	/HR FROM CAMP	\$112.00	\$ 560.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				TRANSPORT TOTAL	\$ 560.00
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	\$ -
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 INCH RUBBER PLUG	1	EACH	\$70.00	\$ 70.00
0			0	\$0.00	\$ -
				CEMENT FLOATING EQUIPMENT TOTAL	\$ 70.00
538 1133	Williams, Chancey			SUB TOTAL	\$ 4,928.10
538	Lucas, Bryan			10% (-DISCOUNT)	\$ 492.81
Nunley TP				SALES TAX	\$ 171.71
				DISCOUNTED TOTAL	\$ 4,617.00

AUTHORIZATION *John Miller*
 DATE _____

TITLE _____

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.

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Endeavor, LS	State, County	Labette, Kansas	Cement Type	CLASS A
Customer Acct #	2520	Section	5	Excess (%)	30
Well No.	Mark Muller #5-1	TWP	34S	Density	13.8
Mailing Address	0	RGE	18	Water Required	0
City & State	0	Formation	bville	Yield	1.75
Zip Code	0	Hole Size	7 7/8	Slurry Weight	13.8
Contact	0	Hole Depth	905	Slurry Volume	201.25 cuft
Email	0	Casing Size	5 1/2 INCH, J-55 (17 LBS)	Displacement	21.5
Cell	0	Casing Depth	900	Displacement PSI	550
Office	0	Drill Pipe	0	MIX PSI	250
Dispatch Location	BARTLESVILLE	Tubing	0	Rate	4.5

REMARKS

Wahed down 15 ft casing, rigged up to cement pumped 6sks gel ahead, pumped 115 sks thick set cement, flushed pump and lines, displaced plug to bottom set shoe shut in, circulated cement to surface.

Safety M/T 6
Coop
Charvey
Branck



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