

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 32887
Name: Endeavor Energy Resources, LP
Address: PO Box 40
City/State/Zip: Delaware, OK 74027
Purchaser: na
Operator Contact Person: Joe Driskill
Phone: (918) 467-3111
Contractor: Name: Well Refined Drilling
License: 33072
Wellsite Geologist: NA
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☒ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: NA
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SWD or Enhr.?) ☐ Docket No.
11-27-06 2-1-07 2-23-07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-24156-0000
County: Labette
NW NW SW Sec. 35 Twp. 33 S. R. 17 ☒ East ☐ West
2310 feet from (S) N (circle one) Line of Section
3307950 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW ~~SW~~
Lease Name: Larry Muller Well #: 35-2
Field Name: Coffeyville
Producing Formation: Arbuckle
Elevation: Ground: 765.9 Kelly Bushing:
Total Depth: 1295 Plug Back Total Depth: 1291
Amount of Surface Pipe Set and Cemented at 20' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 1291
feet depth to surface w/ 140 sx cmt.

Drilling Fluid Management Plan Ait II NR
(Data must be collected from the Reserve Pit) 12-19-08
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Docket No.:

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.

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: 10-21-08
Subscribed and sworn to before me this 21 day of October
2008
Notary Public: Stephanie Lakey
Date Commission Expires: April 18, 2009

STEPHANIE LAKEY
NOTARY PUBLIC-STATE OF OKLAHOMA
NOWATA COUNTY
MY COMMISSION EXPIRES APRIL 18, 2009
COMMISSION #05003715

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes ☐ Date:

Wireline Log Received

Geologist Report Received

JIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Endeavor Energy Resources, LP Lease Name: Larry Muller Well #: 35-2
 Sec. 35 Twp. 33 S. R. 17 ☒ 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☒ Yes ☐ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

Gamma Ray / Neutron, CBL

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

Name	Top	Datum
Oswego Lime	344	422
Mississippi Lime	891	-125
Arbuckle	1241	-475

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	12.250	8.625	24#	20'	Portland	4	
Production	6.750	4.5	10.5	1291	Class A	140	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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	1252-1266 1277-1281 - 2	1000 gal 15% HCL	

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TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No	CONSERVATION DIVISION WICHITA, KS
	2 3/8	1219	1219			
Date of First, Resumed Production, SWD or Enhr. 11-1-07	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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

TICKET NUMBER 09119
LOCATION Barthesville
FOREMAN Tracy L. Williams

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-2-07	2520	Karry Mueller 35-2	35	335	12E	Lafayette
CUSTOMER Endeavor						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
418	Jason B		
407	John W		
428	Andy		
454T91	Richard		

REMARKS: Ran 65 kgs of gel + broke circulation. Ran 140 sks of Thickset cement with 5# gilsonite + 40# phenoseal. Shut down + washed up behind plug. Pumped plug to bottom + set shoe. Shut in.

COPY

Circulated cement to surface

AUTHORIZATION _____ TITLE _____ DATE _____

211771

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	S 35	T 33S	R 17E
API #:	15-099-24156-0000		Location:	NW, NW, SW	
Operator: Endeavor Energy Resources LP			County:	Labette	
Address: PO Box 40					

Address: PO Box 40				ALL DATA			
Delaware, Ok 74027				Gas Tests			
Well #:	35-2	Lease Name:	Larry Muller	Depth	Oz.	Orifice	flow - MCF
Location:	2310 ft. from S	Line		105		No Flow	
	330 ft. from W	Line		155		No Flow	
Spud Date:	11/27/2006			205		No Flow	
Date Completed:	11/28/2006	TD:	955	280		No Flow	
Driller:	Josiah Kephart			305	3	1 1/4"	2.92
Casing Record	Surface	Production		405		No Flow	
Hole Size	12 1/4"	6 3/4"		430		No Flow	
Casing Size	8 5/8"			480		No Flow	
Weight				530		No Flow	
Setting Depth	21' 6"			555		No Flow	
Cement Type	Portland			573		No Flow	
Sacks	4			618		No Flow	
Feet of Casing	21' 6"			630		No Flow	
				655		No Flow	
Rig Time	Work Performed			668		No Flow	
				730		No Flow	
				755		No Flow	
				880		No Flow	
				905	22	1"	121
				930	12	1"	89.8

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	OB	184	187	Slight Odor	382	383	shale
1	5	clay	181	202	sand	383	385	blk shale
5	8	blk shale	202	215	sandy/ shale	385	387	shale
8	63	shale	215	256	shale	387	412	lime
63	64	coal	256	258	blk shale	405		Add Water
64	69	sand	258	259	lime	412	414	shale
69	73	lime	259	265	shale	414	416	blk shale
73	102	shale	265	286	lime	416	417' 6"	coal
102	104	blk shale	286	288	shale	417' 6"	420	lime
104	117	lime	288	291	blk shale	420	421	shale
117	119	shale	291	296	shale	421	423	lime
119	129	lime	296	297	coal	423	425	shale
129	143	shale	297	309	shale	425	426	coal
143	144	coal	309	317	sandy/ shale	426	475	shale
144	146	shale	317	338	shale	475	478	sandy/ shale
146	150	sand	338	340	sandy/ shale	478	483	sand
150	172	shale	340	345	sand	483	495	sandy/ shale
172	181	sandy/ shale	345	382	lime	495	513	shale

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WICHITA, KS

Operator: Endeavor Energy Resources LP			Lease: Larry Muller			Well # 35-2			page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation	
513	514	coal	718	719	coal				
514	521	shale	719	751	shale				
521	522	coal	751	752	coal				
522	531	shale	752	888	shale				
531	532	blk shale	888	889	Riverton- coal				
532	534	shale	889	891	shale				
534	536	lime	891	935	Mississippi- chat				
536	545	shale	935	955	lime				
545	547	blk shale	955		Total Depth				
547	548' 6"	coal							
548' 6"	550	shale							
550	562	sandy/ shale							
562	568	shale							
568	569	coal							
569	573	shale							
573	575	sand							
575	578	sandy/ shale							
578	583	shale							
583	588	sandy/ shale							
588	614	shale							
614	615	blk shale							
615	616	shale							
616	617' 6"	coal							
617' 6"	628	shale							
628	642	sand							
642	648	sandy/ shale							
648	666	shale							
666	667	coal							
667	668	shale							
668	677	sand							
677	700	shale							
700	703	sandy/ shale							
703	708	shale							
708	714	sandy/ shale							
714	718	shale							

Notes: 06LK-112806-R2-075-Larry Muller 35-2 - EER

Keep Drilling - We're Willing!

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CONSERVATION DIVISION
WICHITA, KS



THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
CONSERVATION DIVISION

DISPOSAL WELL PERMIT

Oper. License #: 32887

Permit #: D-28916

Operator: Endeavor Energy Resources, LP

Well Name & No.: Larry Muller #35-2

Address: 10 South Elm Street

Location: 2310'FSL 4950'FEL

City: Delaware

Sec. 35 TWP 33 RGE 17 ☒ (E) ☐ (W)

State: Oklahoma

County: Labette

Zip Code: 74027

Field Name: Coffeyville

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WICHITA, KS

COPY

Project Acreage: SW/4 SEC. 35-T33S-R17E

After reviewing the operator's application for Disposal Well Permit dated 4-26-2007, the Conservation Division grants a permit for the injection of produced saltwater or other fluids approved by the Conservation Division. The permitted well is subject to the specifications and requirements of this permit including any attachments or any attached amendments.

- The injection formation is known as the Arbuckle.
- The depth of the permitted injection interval is from 1252' to 1281', ☒ (PF), ☐ (OH)
- The maximum authorized injection rate is 1000 barrels of fluid per day.
- The maximum authorized injection pressure is 100 PSIG.
- Attachment ☒ YES, ☐ NO.

Complete casing information is as follows:

	<u>SIZE</u>	<u>SEAT DEPTH</u>	<u>INTERVAL CEMENTED</u>	<u>SACKS CEMENT USED</u>
Conductor	NONE"	'	' to '	
Surface	8-5/8"	21'	0' to 21'	4
Intermediate	NONE"	'	' to '	
Production	4-1/2"	1291'	0' to 1291'	140
Tubing	2-3/8"	1219'	' to '	

Additional Cementing: NONE' to

Packer type and setting depth: J-Packer set @ 1219'

Well(s), Leases(s) and Facilities supplying fluid for injection:

Lease Operator

Lease Name

Lease Description

Endeavor Energy Resources, LP

See Attachment

See Attachment

In addition to the specific permit conditions and requirements set out above or on the attachment hereto, this permit is subject to all of the provisions of K.A.R. 83-3-400 et seq. Injection authority cannot be transferred without approval of the Conservation Division.

Date of Approval: 10-31-2007

Director, Underground Injection Control
Conservation Division