



KANSAS CORPORATION COMMISSION 1068967
OIL & GAS CONSERVATION DIVISION

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 # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL RD STE 500
Address 2:
City: DALLAS State: TX Zip: 75240 + 7312
Contact Person: Cheryl Patrick
Phone: (972) 628-1659
CONTRACTOR: License # 34069
Name: Basic Energy Services, LP
Wellsite Geologist: Merit Energy Company
Purchaser:

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.):

If Workover/Re-entry: Old Well Info as follows:

Operator: Anadarko
Well Name: Underwood A-3

Original Comp. Date: 1/13/1994 Original Total Depth: 6700

- ☐ Deepening ☒ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW

☒ Plug Back: 6443 Plug Back Total Depth

- ☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

10/03/2011 10/14/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-175-21346-00-01

Spot Description:

SE SE Sec. 23 Twp. 34 S. R. 34 ☐ East ☒ West
660 Feet from ☐ North / ☒ South Line of Section
660 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Seward

Lease Name: UNDERWOOD A Well #: 3

Field Name: Adamson

Producing Formation: Lower Morrow

Elevation: Ground: 2901 Kelly Bushing: 2898

Total Depth: 6700 Plug Back Total Depth: 6443

Amount of Surface Pipe Set and Cemented at: 1621 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from:

feet depth to: w/ 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 #:

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

Date:

☐ Confidential Release Date:

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☒ I ☐ II ☐ III Approved by: Deanna Gansor Date: 11/29/2011



1068967

Operator Name: Merit Energy Company, LLC Lease Name: UNDERWOOD A Well #: 3
 Sec. 23 Twp. 34 S. R. 34 ☐ East ☒ West County: Seward

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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No

Electric Log Submitted Electronically ☐ Yes ☐ No
 (If no, Submit Copy)

List All E. Logs Run:

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

Name Top Datum
 Attached Attached Attached

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	12.25	8.625	24	1621	Class H	825	4% gel, 2% CC
Production	7.875	5.5	15.5	6700	Thixset Pozmix	305	1/4 #sx flocele, 5% KCL

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
	CIBP set at 6460'	2 sx cement	PTTD-6443
4	6146-6150	250 gals. FE Acid w/ 34 bbls KCL	

TUBING RECORD:		Size: 2.325	Set At: 6120	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 11/01/2011		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>Plunger</u>			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 10	Water Bbls. 0	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)		METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify)		PRODUCTION INTERVAL: 6146-6150
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	UNDERWOOD A 3
Doc ID	1068967

Tops

Chase	2618	
Council Grove	3059	
Lansing	4530	
Marmaton	5185	
Cherokee	5402	
Morrow	5862	
Lower Morrow	6113	
Chester	6156	
St. Louis	6590	