KOLAR Document ID: 1426286

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
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 ROAD, SUITE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + ____
Contact Person: IDANIA MEDINA
Phone: (620) 629-4228
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Merit Energy Geologist
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

8/15/2018 Spud Date or Recompletion Date
8/18/2018 Date Reached TD
8/30/2018 Completion Date or Recompletion Date

API No.: 15-055-22490-01-00
Spot Description:
SW - NW - SW - NW Sec. 34 Twp. 24 S. R. 32 ☐ East ☑ West
1941 Feet from ☑ North / ☐ South Line of Section
169 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: WOOD Well #: 34-1
Field Name: Wildcat
Producing Formation: Morrow
Elevation: Ground: 2870 Kelly Bushing: 2882
Total Vertical Depth: 5035 Plug Back Total Depth: 4983
Amount of Surface Pipe Set and Cemented at: 1818 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: 1650 ppm Fluid volume: 953 bbls
Dewatering method used: Evaporated
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
☐ **Confidentiality Requested**
Date: 10/30/2018
☐ **Confidential Release Date:** 10/29/2020
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 10/31/2018

Page Two

Operator Name: Merit Energy Company, LLC Lease Name: WOOD Well #: 34-1

Sec. 34 Twp. 24 S. R. 32 ☐ East ☑ West County: Finney

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run: Attached

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

Name: Attached Top: Attached Datum: Attached

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
Conductor	17.5	13.375	48	110	CLASS A	180	SEE ATTACHED
Surface	12.25	8.625	24	1818	CLASS A	670	SEE ATTACHED
Production	7.875	5.5	17	5029	CLASS A	135	SEE ATTACHED

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 8/30/2018

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	140				

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)*

PRODUCTION INTERVAL:

Top	Bottom
4835	4848

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	4835	4848			Frac- 493 bbls. Toxal X-Frac 457. Total Frac 36. 16/30 sand 70216 lbs. N2 989000 SCF

TUBING RECORD: Size: 2.8750 Set At: 4859 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WOOD 34-1
Doc ID	1426286

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
ARRAY TRUE RESISTIVITY SPECTRAL DENSITY DUAL SPACED NEUTRON BOREHOLE SONIC QUAD COMBO LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG
MICROLOG
REPEAT SECTION LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
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Well Name	WOOD 34-1
Doc ID	1426286

Tops

Name	Top	Datum
HEEBNER	3933	
TORONTO	3946	
LANSING	4027	
SWOPE	4363	
HERTHA	4410	
MARMATON	4521	
CHEROKEE	4645	
ATOKA	4741	
MORROW	4822	
ST GENEVIEVE	4879	
ST LOUIS	4921	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WOOD 34-1
Doc ID	1426286

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	17.5	13.375	48	110	CLASS A	180	SEE ATTACHED
Surface	12.25	8.625	24	1818	CLASS A	670	SEE ATTACHED
Production	7.875	5.5	17	5029	CLASS A	135	SEE ATTACHED

MERIT ENERGY COMPANY

FINNEY COUNTY, KANSAS (NAD27 - GRID)
SW NW SEC. 34 T24S R32W
WOOD 34-1
JOB #18-012

21 August, 2018

Survey: FINAL SURVEYS

Project: FINNEY COUNTY, KANSAS (NAD27 - GRID)
Site: SW NW SEC. 34 T24S R32W
Well: WOOD 34-1
Wellbore: JOB #18-012
Design: FINAL SURVEYS

MERIT ENERGY COMPANY

PROJECT DETAILS: FINNEY COUNTY, KANSAS (NAD27 - GRID)

Geodetic System: US State Plane 1927 (Exact solution)

Datum: NAD 1927 (NADCON CONUS)

Ellipsoid: Clarke 1866

Zone: Kansas South 1502

Padsite: SW NW SEC. 34 T24S R32W

WELL DETAILS: WOOD 34-1

Ground Level: 2869.70

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.00	0.00	466905.19	1328572.71	37.925948	-100.828015

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
TGT - WOOD 34-1	4840.00	227.75	353.16	467132.93	1328925.85	37.926597	-100.826811

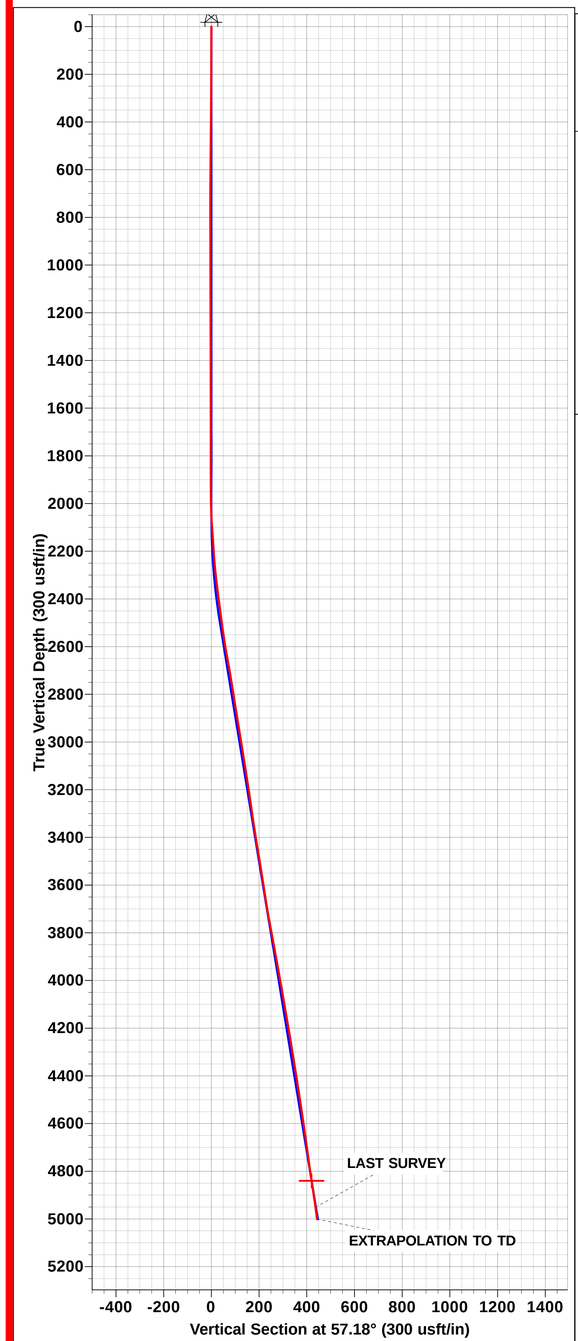
G T M

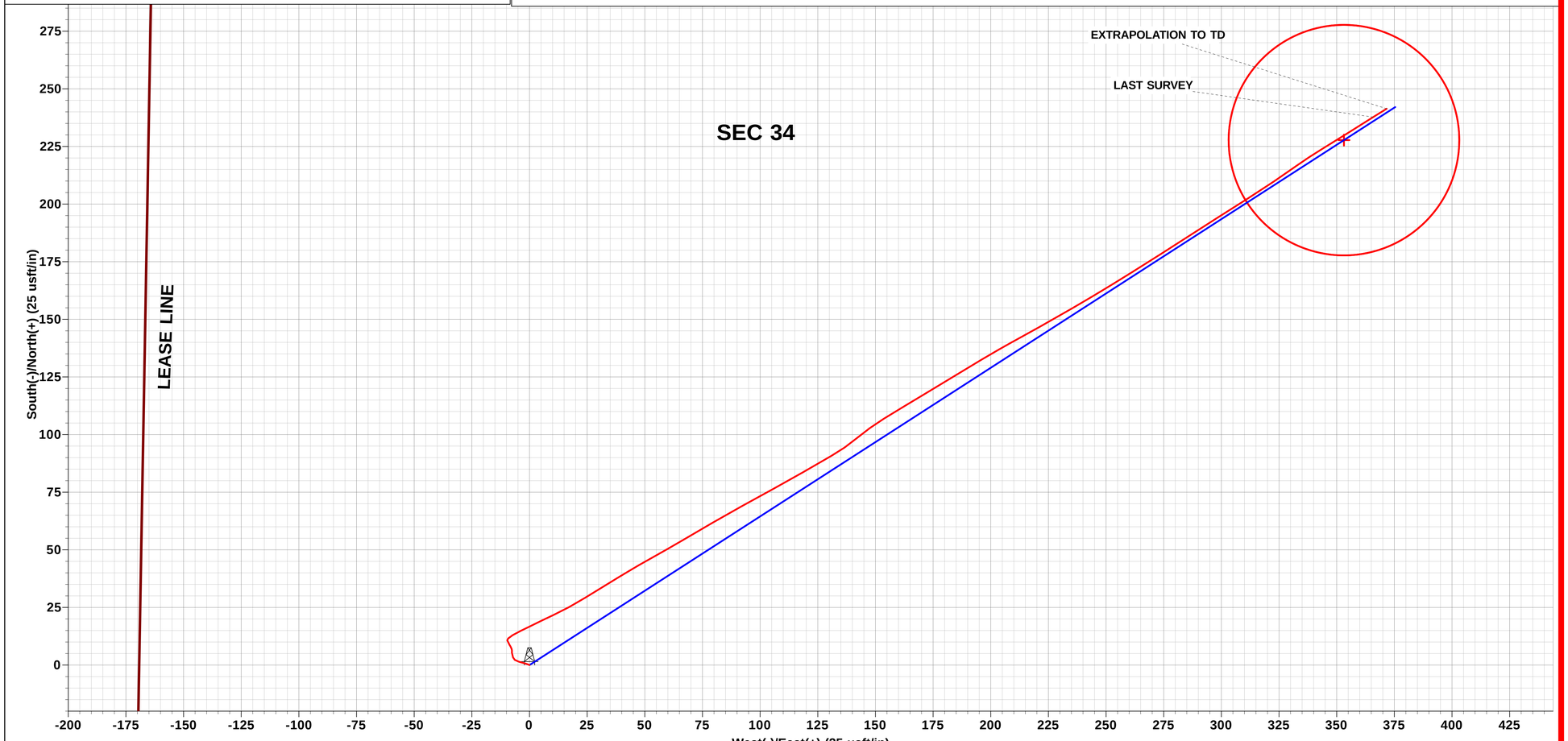
Azimuths to Grid North
True North: 1.43°
Magnetic North: 7.15°

Magnetic Field
Strength: 51337.0snT
Dip Angle: 65.38°
Date: 01/08/2018
Model: IGRF2015

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
4951.05	4985.00	7.90	58.10	237.76	365.85	436.32	455.77	LAST SURVEY
5000.58	5035.00	7.90	58.10	241.39	371.68	443.19	462.64	EXTRAPOLATION TO TD





Company:	MERIT ENERGY COMPANY	**Local Co-ordinate Reference:**	Well WOOD 34-1
Project:	FINNEY COUNTY, KANSAS (NAD27	**TVD Reference:**	KB 12' @ 2881.70usft (DUKE 9)
Site:	SW NW SEC. 34 T24S R32W	**MD Reference:**	KB 12' @ 2881.70usft (DUKE 9)
Well:	WOOD 34-1	**North Reference:**	Grid
Wellbore:	JOB #18-012	**Survey Calculation Method:**	Minimum Curvature
Design:	FINAL SURVEYS	**Database:**	EDM 5000.1 Single User Db

Project FINNEY COUNTY, KANSAS (NAD27 - GRID)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		Using geodetic scale factor

Site SW NW SEC. 34 T24S R32W

Site Position:		**Northing:**	466,905.19 usft	**Latitude:**	37.925948
From:	Map	**Easting:**	1,328,572.71 usft	**Longitude:**	-100.828015
Position Uncertainty:	0.00 usft	**Slot Radius:**	1.10000 ft	**Grid Convergence:**	-1.43 °

Well WOOD 34-1

Well Position	**+N/-S**	0.00 usft	**Northing:**	466,905.19 usft	**Latitude:**	37.925948
	+E/-W	0.00 usft	**Easting:**	1,328,572.71 usft	**Longitude:**	-100.828015
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,869.70 usft

Wellbore JOB #18-012

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	01/08/2018	5.72	65.38	51,337

Design FINAL SURVEYS

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	57.18

Survey Program **Date** 21/08/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
252.00	5,035.00	FINAL SURVEYS (JOB #18-012)	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	2,881.70	0.00	0.00	0.00	0.00	0.00	0.00
252.00	0.50	293.90	252.00	2,629.70	0.45	-1.01	-0.60	0.20	0.20	0.00
373.00	0.70	281.02	372.99	2,508.71	0.80	-2.21	-1.43	0.20	0.17	-10.64
525.00	1.10	288.20	524.97	2,356.73	1.43	-4.51	-3.01	0.27	0.26	4.72
681.00	0.40	307.52	680.96	2,200.74	2.23	-6.37	-4.14	0.47	-0.45	12.38
839.00	0.60	336.92	838.95	2,042.75	3.33	-7.13	-4.18	0.20	0.13	18.61
1,185.00	0.20	17.12	1,184.94	1,696.76	5.57	-7.66	-3.42	0.13	-0.12	11.62
1,342.00	0.20	5.92	1,341.94	1,539.76	6.11	-7.55	-3.03	0.02	0.00	-7.13
1,498.00	0.50	340.72	1,497.94	1,383.76	7.02	-7.75	-2.71	0.21	0.19	-16.15
1,656.00	0.40	327.82	1,655.93	1,225.77	8.14	-8.27	-2.54	0.09	-0.06	-8.16
1,728.00	0.50	327.32	1,727.93	1,153.77	8.62	-8.57	-2.53	0.14	0.14	-0.69
1,848.00	0.70	336.30	1,847.92	1,033.78	9.73	-9.15	-2.42	0.18	0.17	7.48
1,943.00	0.60	333.40	1,942.92	938.78	10.70	-9.61	-2.27	0.11	-0.11	-3.05

Company:	MERIT ENERGY COMPANY	**Local Co-ordinate Reference:**	Well WOOD 34-1
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Site:	SW NW SEC. 34 T24S R32W	**MD Reference:**	KB 12' @ 2881.70usft (DUKE 9)
Well:	WOOD 34-1	**North Reference:**	Grid
Wellbore:	JOB #18-012	**Survey Calculation Method:**	Minimum Curvature
Design:	FINAL SURVEYS	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,005.00	1.30	41.80	2,004.91	876.79	11.52	-9.28	-1.56	1.96	1.13	110.32
2,067.00	3.30	58.50	2,066.86	814.84	12.98	-7.29	0.90	3.37	3.23	26.94
2,130.00	4.10	64.40	2,129.73	751.97	14.90	-3.71	4.95	1.40	1.27	9.37
2,193.00	3.70	63.60	2,192.58	689.12	16.77	0.14	9.21	0.64	-0.63	-1.27
2,257.00	5.00	64.00	2,256.40	625.30	18.91	4.49	14.03	2.03	2.03	0.62
2,319.00	6.70	65.00	2,318.07	563.63	21.63	10.20	20.29	2.75	2.74	1.61
2,382.00	7.50	61.50	2,380.59	501.11	25.14	17.15	28.04	1.44	1.27	-5.56
2,445.00	7.30	58.30	2,443.06	438.64	29.21	24.16	36.14	0.73	-0.32	-5.08
2,506.00	7.80	58.60	2,503.53	378.17	33.40	30.99	44.15	0.82	0.82	0.49
2,570.00	8.60	58.30	2,566.88	314.82	38.18	38.77	53.28	1.25	1.25	-0.47
2,664.00	10.60	60.80	2,659.56	222.14	46.09	52.30	68.93	2.17	2.13	2.66
2,759.00	9.10	59.50	2,753.16	128.54	54.17	66.40	85.16	1.60	-1.58	-1.37
2,854.00	9.10	59.90	2,846.96	34.74	61.75	79.37	100.17	0.07	0.00	0.42
2,948.00	9.20	61.00	2,939.76	-58.06	69.12	92.38	115.09	0.21	0.11	1.17
3,044.00	9.20	61.40	3,034.53	-152.83	76.51	105.83	130.40	0.07	0.00	0.42
3,137.00	8.90	60.00	3,126.37	-244.67	83.67	118.59	145.00	0.40	-0.32	-1.51
3,231.00	8.40	60.10	3,219.30	-337.60	90.73	130.83	159.12	0.53	-0.53	0.11
3,326.00	8.30	50.10	3,313.30	-431.60	98.58	142.11	172.86	1.53	-0.11	-10.53
3,420.00	9.20	58.10	3,406.21	-524.51	106.91	153.70	187.11	1.61	0.96	8.51
3,483.00	9.50	59.20	3,468.37	-586.67	112.23	162.44	197.34	0.55	0.48	1.75
3,546.00	9.10	58.70	3,530.54	-648.84	117.48	171.16	207.51	0.65	-0.63	-0.79
3,641.00	8.60	58.80	3,624.41	-742.71	125.06	183.66	222.12	0.53	-0.53	0.11
3,703.00	9.30	58.80	3,685.66	-803.96	130.06	191.91	231.77	1.13	1.13	0.00
3,766.00	10.40	60.00	3,747.73	-866.03	135.54	201.18	242.53	1.78	1.75	1.90
3,829.00	10.50	61.10	3,809.68	-927.98	141.16	211.13	253.94	0.35	0.16	1.75
3,892.00	10.50	60.90	3,871.63	-989.93	146.72	221.18	265.40	0.06	0.00	-0.32
3,955.00	10.40	59.80	3,933.58	-1,051.88	152.38	231.11	276.80	0.35	-0.16	-1.75
4,019.00	10.20	59.60	3,996.55	-1,114.85	158.15	240.99	288.24	0.32	-0.31	-0.31
4,083.00	9.90	58.90	4,059.57	-1,177.87	163.86	250.59	299.40	0.51	-0.47	-1.09
4,146.00	9.70	58.00	4,121.65	-1,239.95	169.47	259.72	310.12	0.40	-0.32	-1.43
4,241.00	9.40	57.40	4,215.33	-1,333.63	177.89	273.05	325.88	0.33	-0.32	-0.63
4,335.00	9.30	57.30	4,308.08	-1,426.38	186.13	285.90	341.15	0.11	-0.11	-0.11
4,429.00	9.10	57.30	4,400.87	-1,519.17	194.25	298.55	356.18	0.21	-0.21	0.00
4,524.00	8.60	58.00	4,494.74	-1,613.04	202.07	310.90	370.79	0.54	-0.53	0.74
4,619.00	8.40	55.70	4,588.70	-1,707.00	209.74	322.65	384.83	0.42	-0.21	-2.42
4,711.00	7.40	54.80	4,679.83	-1,798.13	216.95	333.05	397.47	1.10	-1.09	-0.98
4,804.00	8.50	58.60	4,771.93	-1,890.23	223.98	343.81	410.33	1.31	1.18	4.09
4,899.00	8.30	57.60	4,865.91	-1,984.21	231.31	355.59	424.20	0.26	-0.21	-1.05
LAST SURVEY										
4,985.00	***7.90***	***58.10***	***4,951.05***	***-2,069.35***	***237.76***	***365.85***	***436.32***	***0.47***	***-0.47***	***0.58***
EXTRAPOLATION TO TD										
5,035.00	***7.90***	***58.10***	***5,000.58***	***-2,118.88***	***241.39***	***371.68***	***443.19***	***0.00***	***0.00***	***0.00***

Company:	MERIT ENERGY COMPANY	**Local Co-ordinate Reference:**	Well WOOD 34-1
Project:	FINNEY COUNTY, KANSAS (NAD27	**TVD Reference:**	KB 12' @ 2881.70usft (DUKE 9)
Site:	SW NW SEC. 34 T24S R32W	**MD Reference:**	KB 12' @ 2881.70usft (DUKE 9)
Well:	WOOD 34-1	**North Reference:**	Grid
Wellbore:	JOB #18-012	**Survey Calculation Method:**	Minimum Curvature
Design:	FINAL SURVEYS	**Database:**	EDM 5000.1 Single User Db

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
TGT - WOOD 34-1	0.00	0.00	4,840.00	227.75	353.16	467,132.93	1,328,925.85	37.926597	-100.826811
- survey misses target center by 1.72usft at 4872.79usft MD (4839.98 TVD, 229.29 N, 352.38 E)									
- Circle (radius 50.00)									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
4,985.00	4,951.05	237.76	365.85	LAST SURVEY
5,035.00	5,000.58	241.39	371.68	EXTRAPOLATION TO TD

Checked By: _____ Approved By: _____ Date: _____

10/25/2017

Customer Name Merit Energy
Well Name Wood 34-1
Job Type Conductor

District Liberal
Supervisor Victor Corona-Marta
Engineer Kevin Aldridge

Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	8/14/2018 9:00pm	Mobilization	Arrive on Location	Cement Pump Truck	48					Arrived at location
2		Operational	Other (See comments)		76					rig crew was getting pipe down hole
3		Operational	Rig Up	Cement Pump Truck	50					rig up to rig
4	1:00	Operational	Safety Meeting		53					safety meeting with rig crew and BJ crew
5	1:30	Operational	Pressure Test	Cement Pump Truck	54				1500	pressure test lines
6	1:34	Operational	Pump Spacer	Cement Pump Truck	56	8.33	3	5	160	5bbls of fresh water
7	1:38	Operational	Pump Lead Cement	Cement Pump Truck	58	15.6	4	38.5	280	pumping lead cement 38.5bbls from
8										180sks
11		Operational	Other (See comments)		76					at 15.6lbs @ 110'
12	1:58	Operational	Pump Displacement	Cement Pump Truck	64	8.33	4	10	80	wash pump and lines on top of cement
13	2:00	Operational	Pump Displacement	Cement Pump Truck	64	8.33	4	16	80	10bbls gone
38										16bbls gone/ close valve
39										had 20bbls of cement to surface
40										
41										rig down
42										
43										Crew and I thanked the company man and rig
44										crew for job opportunity
45										
46										
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10/25/2017

Customer Name Merit Energy
Well Name Wood 34-1
Job Type Surface

District Liberal
Supervisor Victor Corona-Marta
Engineer Kevin Aldridge

Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	8/15/2018 10:00PM	Mobilization	Arrive on Location	Cement Pump Truck	48					Arrived at location
2		Operational	Other (See comments)		76					rig crew was getting pipe down hole
3		Operational	Rig Up	Cement Pump Truck	50					rig up to rig
4	11:30	Operational	Safety Meeting		53					safety meeting with rig crew and BJ crew
5	11:40	Operational	Pressure Test	Cement Pump Truck	54				1500	pressure test lines
6	11:41	Operational	Pump Spacer	Cement Pump Truck	56	8.33	2	10	140	10bbls of fresh water spacer
7	11:45	Operational	Pump Lead Cement	Cement Pump Truck	58	15.6	5	226.5	170	pumping lead cement 226.5bbls from 495sks
8										at 12.1lbs
9	12:35	Operational	Pump Lead Cement	Cement Pump Truck	58	15.2	5	39	220	pumping tail cement 39bbls from 175sks
10										at 15.2lbs
11		Operational	Other (See comments)		76					wash pump and lines on top of plug
12	13:04	Operational	Pump Displacement	Cement Pump Truck	64	8.33	5	20	180	20bbls gone
13	13:08	Operational	Pump Displacement	Cement Pump Truck	64	8.33	5	40	200	40bbls gone
14	13:12	Operational	Pump Displacement	Cement Pump Truck	64	8.33	5	60	280	60bbls gone
488	13:16	Operational	pump displacement	Cement Pump Truck	64	8.33	5	80	390	80bbls gone
489	13:20	Operational	pump displacement	Cement Pump Truck	64	8.33	5	100	550	100bbls gone/slow down rate
490	13:25	Operational	pump displacement	Cement Pump Truck	64	8.33	3	113	1280	bump plug check if float holds
494										
38										had 50 bbls of cement to surface
39										had 1 bbls on water returns
40										
41										rig down
42										
43										Crew and I thanked the company man and
44										rig crew for job opportunity
45										
46										Set @ 1818
47										
48										
49										
50										
51										
52										
53										
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10/25/2017

Customer Name Merit Energy
Well Name Wood 34-1
Job Type Long String

District Liberal
Supervisor Victor Corona-Marta
Engineer Kevin Aldridge

Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	8/20/2018 1:00am	Mobilization	Arrive on Location	Cement Pump Truck	48					Arrived at location
2		Operational	Other (See comments)		76					casing crew was getting casing down hole
3		Operational	Rig Up	Cement Pump Truck	50					rig up to rig
4	4:00	Operational	Safety Meeting		53					safety meeting with rig crew and BJ crew
5	4:18	Operational	Pressure Test	Cement Pump Truck	54				2500	pressure test lines
6	4:22	Operational	Pump Spacer	Cement Pump Truck	56	8.33	2	12	270	12bbls of ultra flush spacer
7	4:28	Operational	Pumping Cement	Cement Pump Truck	61	13.6	3	17.09	0	pumping rat and mouse 17.09bbls from 50sks
8										at 13.6lbs
9	4:47	Operational	Pumping Cement	Cement Pump Truck	61	13.6	5	46	310	pumping tail cement 46bbls from 135sks
10										at 13.6lbs
11	5:10	Operational	Other (See comments)		76					wash pump and lines on to pit
12	5:18	Operational	Pump Displacement	Cement Pump Truck	64	8.4	5	20	90	20bbls gone
13	5:22	Operational	Pump Displacement	Cement Pump Truck	64	8.4	5	40	120	40bbls gone
14	5:25	Operational	Pump Displacement	Cement Pump Truck	64	8.4	5	60	100	60bbls gone
488	5:29	Operational	pump displacement	Cement Pump Truck	64	8.4	5	80	390	80bbls gone
489	5:33	Operational	pump displacement	Cement Pump Truck	64	8.4	5	100	710	100bbls gone/slow down rate
490	5:36	Operational	pump displacement	Cement Pump Truck	64	8.4	3	115.6	1700	bump plug check if float holds
494										
39										had .5 bbls on water returns
40										
41										rig down
42										
43										Crew and I thanked the company man and
44										rig crew for job opportunity
45										
46										Set @ 5029
47										
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