

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

July 2014

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Ran Liner/ENHR

OPERATOR: License # 32446

Name: Merit Energy Company, LLC

Address 1: 13727 Noel Rd Ste 1200

Address 2: _____

City: Dallas State: TX Zip: 75240 +

Contact Person: IDANIA MEDINA

Phone: (620) 629-4228

CONTRACTOR: License # 35177

Name: Rick's Well Service, LLC

Wellsite Geologist: N/A

Purchaser: _____

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: OXY USA, INC.

Well Name: Pleasant Prairie Chester Unit 302W

Original Comp. Date: 8/30/2001 Original Total Depth: 5350

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer

- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: E-27,880
- GSW Permit #: _____

<u>10/17/2016</u>		<u>2/6/2017</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 081-21296-00-02

Spot Description: _____

SE SE NW Sec. 22 Twp. 27 S. R. 34 East West

3,296 Feet from North / South Line of Section

2,834 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. 33.123456) (e.g. -111.123456)

Datum: NAD27 NAD83 WGS84

County: Haskell

Lease Name: Pleasant Prairie Unit Well #: 302W

Field Name: Hugoton Gas Area

Producing Formation: Chester

Elevation: Ground: 2996 Kelly Bushing: 3009

Total Vertical Depth: 5350 Plug Back Total Depth: 5272

Amount of Surface Pipe Set and Cemented at: 1784 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 3107 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 #: _____

INSTRUCTIONS: The original 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. If confidentiality is requested and approved, side two of this form will be held confidential for a period of 2 years. Rules 82-3-130, 82-3-106 and 82-3-107 apply. Drill Stem Test, Cement Tickets and Geological Well Report must be attached.

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: *Idania Medina*

Title: Regulatory Analyst Date: 5/3/2017

KCC Office Use ONLY

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Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III

Approved by: KJR Date: 5-11-2017

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Operator Name: Merit Energy Company, LLC Lease Name: Pleasant Prairie Unit Well #: 302W
 Sec. 22 Twp. 27 S. R. 34 East West County: Haskell

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Tap Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Original	
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E. Logs Run:			

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
Liner	5.5	4.5	11.36	5123	Class A	290	See Attached

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

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

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TUBING RECORD:	Size: <u>2.8750</u>	Set At: <u>5116</u>	Packer At: <u>5116</u>	Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input checked="" type="checkbox"/> Other <i>(Specify)</i> <u>Ran Liner</u>	PRODUCTION INTERVAL: _____ _____
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Depend on US

Post Job Report

Merit Energy

PPCU 302W

1/31/2017

4.5" Scab Liner

Haskell County, KS

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Merit Energy
PPCU 302W
Haskell County, KS

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Merit Energy
PPCU 302W
Haskell County, KS

1.0 Executive Summary

BJ Services would like to thank you for the award of the provision of cementing products and services on the well PPCU 302W.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

BJ started the job by pressure testing lines to 3000 psi followed by pumping 10 bbl SS-50 Reactive Wash, and 10 bbl Fresh Water. We then mixed and pumped the following cement slurries:

Lead 1:

75.75 bbl	235 Sacks of 12.8 ppg
35/65:POZ/Class A	1.81 Yield
0.40% CFL-210	
0.25% CD-100	
0.5 lb/sk KOL-SEAL	
0.125 lb/sk CELLO-FLAKE	

Tail 1:

11.75 bbl	55 Sacks of 14.5 ppg
50/50:POZ:Class A	1.2 Yield
0.40% CFL-210	
0.25% CD-100	
0.5 lb/sk KOL-SEAL	
0.125 lb/sk CELLO-FLAKE	

The top plug was then released and displaced with 77 Bbls of Fresh Water. The casing was shut in with 1100 psi. 27 bbl cement circulated to surface.

All real time data can be view in the Job Summary section.

BJ Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.

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Cement Job Summary

Job Number: Lib1701311127		Job Purpose: 06 Liner	
Customer: MERIT ENERGY COMPANY	Date: 1/31/2017		
Well Name: PPCU	Number: 302W	API/UWI:	
County: Haskell	City:	State: KS	
Cust. Rep:	Phone:	Rig Phone:	
Legal Desc:	Rig Name:	Work Over#	
Distance: 50 miles (one way)	Supervisor: Lenny Baeza		

Employees:	Emp. ID:	Employees:	Emp. ID:
Jose Caldero		Alex Corona	
Victor Garcia		Lenny Baeza	

Equipment:	Emp. ID:	Equipment:	Emp. ID:
903-4/501-5		956-4/841-5	

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Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	4 19/20	300%	4500	5,077	TAIL CEMENT	
OPEN HOLE	4 19/20	300%	0	4,500	LEAD CEMENT	
OPEN HOLE	4 19/20			0		
OPEN HOLE	4 19/20					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	5 1/2	15.5	4.95	J55	0	5,120
TOTAL CASING	4 1/2	11.6	4	J55	0	5,077
SHOE	4 1/2	11.6	4	J55	5,035	5,077

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	SS-50 REACTIVE WASH	10	10.00	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 2	FRESH WATER	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED LIGHT WEIGHT CEMENT- CLASS A	235	12.80	1.81	9.61	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.348	% BWOC	81.8	lbm	
CD-100	CEMENT DISPERSANT	0.2175	% BWOC	51.1	lbm	
CLC-KOL	KOL-SEAL	0.5	lb/sk	117.5	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.125	lb/sk	29.4	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED 50/50 POZ BLEND - CLASS A	55	14.50	1.20	5.18	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.336	% BWOC	18.5	lbm	
CD-100	CEMENT DISPERSANT	0.21	% BWOC	11.6	lbm	
CLC-KOL	KOL-SEAL	0.5	lb/sk	27.5	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.125	lb/sk	6.9	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 2	CLASS A COMMON	200	15.60	1.18	5.22	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	



Cement Job Summary

Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Displacement	78.25255214	8.33	n/a	n/a

Job Number: 11b1701311127	Job Purpose: 06 Liner
Customer: MERIT ENERGY COMPANY	Date: 1/31/2017
Well Name: PPCU	Number: 302W
County: Haskell	City:
Cust. Rep:	Phone:
Distance: 50 miles (one way)	Rig Phone: 0
	Supervisor: Lenny Baeza

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
8:00am					On location @8:00am
8:30am					Rigging up to well head
8:45am					Safety meeting with company man
9:08am	3000				Pressure test lines 3000psi
9:10am	1100		35	3	Pumping H2O to get returns pumped 35bbbs
9:40am	1150		45	2.5	Pumping 10bbbs of Reactive wash
9:45am	1180		55	2.5	10bbbs of fresh water behind
9:52am	1322		55	2.5	Pumping Lead Cement @12.8#235sk
10:22am	1442		131	2.5	Pumping Tail Cement @14.5# 55sk
10:31am	0		142	0	Shut down to wash pumping lines
10:38am	50		141	5	Release plug and started displacement of 77bbbs leaving 60'+ of cement on top of perms
10:40am	1431		148	2	8bbbs to catch cement
11:02am	1413		168	2	40bbbs of water and got cement to surface
11:20am	2370		201	2	60bbbs gone
11:28pm	2100		218	1.5	77bbbs gone and closing well in with 1500psi
11:45am					Rigging down and leaving location @ 12:30pm

The liner depth reported in WellView should be correct. The reason there is a different depth reported on the attachment is because it is the cement ticket. We were not able to pump cement out of the 4-1/2" liner and had to shoot squeeze holes at 5077' (report 1/30/17). So that is the depth they listed on the cement ticket to show their volumes pumped.

Regards,

Jacob T. Bennett
Operations Engineer

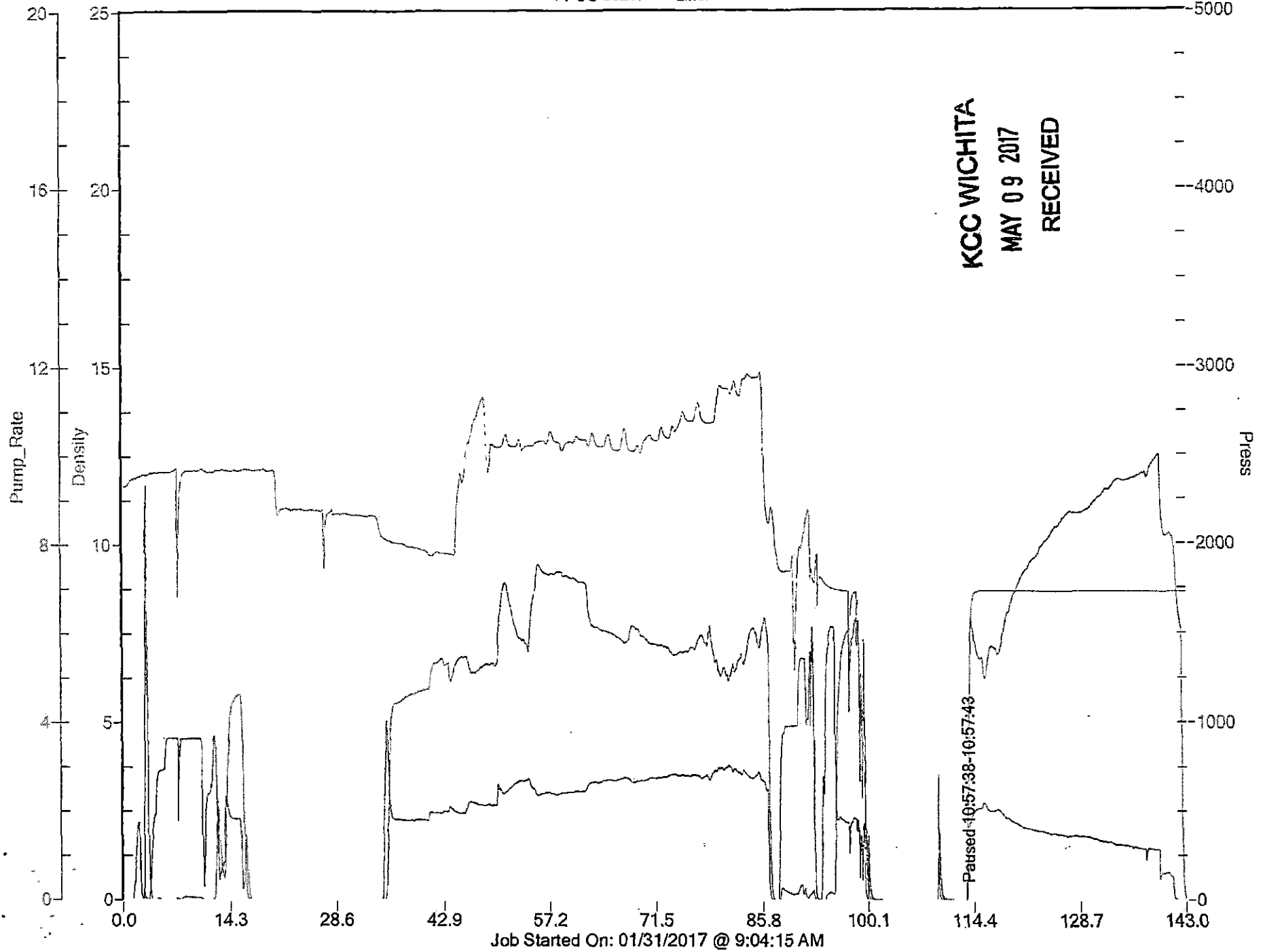
Merit Energy Company

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Merit Energy
PPCU 302W - - Liner





CEMENT MIXING WATER GUIDELINES

Company Name:

MERIT ENERGY COMPANY

Lease Name:

PPCU # 302W

County

State

Haskell

KS

Water Source:

TANK

Submitted By:

Lenny Baeza

Date:

1/31/2017

pH Level

7

Must be less than 8.5

Sulfates

400

Must be less than 1,000 PPM

Chlorides

0

Must be less than 3,000 PPM

Temperature

64

COMMENTS

[Empty box for comments]

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Thank You

Customer Signature

Martin Arcega



Customer: MERIT ENERGY COMPANY
 Date: Tuesday, January 31, 2017
 Well Name: PPCU # 302W
 Well Location: _____
 Supervisor: Lenny Baeza

Equipment Operators: Jose Caldero - Alex Corona - Victor Garcia - Lenny Baeza

Performance	Customer	
Was the appearance of the personnel and equipment satisfactory?	Yes	No
Was the job performed in a professional manner?	Yes	No
Were the calculations prepared and explained properly?	Yes	No
Were the correct services dispatched to the job site?	Yes	No
Were the services performed as requested?	Yes	No
Did the job site environment remain unchanged?	Yes	No
Did the equipment perform in the manner expected?	Yes	No
Did the materials meet your expectations?	Yes	No
Was the crew prepared for the job?	Yes	No
Was the crew prompt in the rig-up and actual job?	Yes	No
Were reasonable recommendations given, as requested?	Yes	No
Did the crew perform safely?	Yes	No
Was the job performed to your satisfaction?	Yes	No

Customer Signature:

Martin Arroyo

Date:

Additional Comments:

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