

# Job Daily Summary

Support Line: 972-628-1700 #1

Report Date:  
Report #

Well Name: D.E. Stout Gas Unit 2

Accounting ID 22381-01	Original Spud Date 3/4/1980 00:00	Operator MERIT ENERGY COMPANY	SAP API Number 151292042700	Lease D.E. Stout 2	Unit Name "STOUT UNIT, D. E. WELL #2"
Working Interest 100.0000	Original KB Elevation (ft)	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name Panoma Gas Area	County MORTON	State/Province KANSAS	Field Office LIBERAL	Accounting Group Chevron Kansas	Producing Status Temporarily Abd

Job Category Plug & Abandon	Primary Job Type Permanently Abandon Well	Job Start Date 2/7/2018	Job End Date 2/28/2018
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## Daily Operations

Report Start Date 2/7/2018	Primary Activity	AFE Number 060812	Daily Field Est Total (Cost) 9,724.00	Cum Field Est To Date (Cost) 9,724.00
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### Operations Summary

MIRU Eldredge Rig #9, NDWH, use overshot to pull TBG out of slips.

MIRU Pioneer Wireline, run free point, found TBG 80% free at 1900', POOH w/ freepoint, run chemical cutter, Cut TBG at 1900'.

POOH w/  
61- 2 3/8" TBG 1910.34'  
10' piece of TBG 9.75'

Secure well, SDON

Report Start Date 2/8/2018	Primary Activity	AFE Number 060812	Daily Field Est Total (Cost) 8,362.00	Cum Field Est To Date (Cost) 18,086.00
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### Operations Summary

MIRU Rawhide TBG Tester, Test every jt. 6000psi- no blown TBG, RIH w/ 61 jts, EOT @ 1890'

MIRU BJ Cement Trucks, Pump 100 sks 60/40 cement, 2.5 bbls displacement, POOH w/ all TBG.

Wait 2 hours, RIH w/ TBG & bull plug on bottom, ran 48 jts down to 1536', did NOT tag TOC, POOH w/ TBG

Load CSG w/ 8.5 bbls water, pressure test 300psi-lost 150 psi in 5min.

MIRU Pioneer Wireline, Run CBL from surface to 700', Top of cement behind 5.5" CSG is @ 250', RD Wireline.

RIH w/ 49 jts with bull plug on bottom, TBG started taking weight with jt. #49 all the way in @ 1568', POOH w/ TBG,

Load CSG w/ 8.5 bbls, pressure test 300psi-lost 50psi in 5min.

RIH w/ 48 jts open ended, Hook up lines to TBG, start pumping water, TBG pressured up to 1000psi- TBG Plugged  
POOH w/ 16 jts, EOT @ 1024', hookup lines to TBG, Pumping 3 BPM @ 200psi-circulating.

RIH w/ 15 jts, 47 total in the hole, EOT @ 1504', hook up lines to TBG, pressure up TBG 1000psi-holding, TBG plugged, POOH w/ TBG.

Secure well, SDON

Report Start Date 2/9/2018	Primary Activity	AFE Number 060812	Daily Field Est Total (Cost) 15,906.00	Cum Field Est To Date (Cost) 33,992.00
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### Operations Summary

RIH w/ 33 jts, Tag TOC in 5.5" CSG @ 1043', Presure test CSG 300psi w/ KCC Rep. on location-held solid.

POOH w/ 11 jts laying down, leave 21 jts in the hole, EOT @ 672'

Pump 30 sks 60/40 cement with 1 bbl. displacement, POOH laying down all TBG

MIRU Pioneer Wireline, perforate 4 holes @ 230', RD Wireline.

ND BOP, Remove wellhead, screw on 5.5" X 2" Swedge, hook flowline from surface CSG to Pit.

RU BJ Trucks, Pump 70 sks 60/40 w/ 3% CC, (18 bbls slurry) started circulating after 15 bbls, stop pumping,close CSG surface valve, Cement did NOT drop, cleanup lines to pit, RDMO BJ Cement Trucks, RDMO Eldredge Rig #9.

Report Start Date 2/10/2018	Primary Activity	AFE Number 060812	Daily Field Est Total (Cost) 805.00	Cum Field Est To Date (Cost) 34,797.00
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### Operations Summary

T.M Roustabouts cap off well 4' down from surface, return dirt on earth pit, cleanup Location.

# FIELD TICKET

**Client** MERIT ENERGY COMPANY

**Well** D.E. Stout #2

**Job Description** Plug & Abandon

**Date** February 09, 2018

**Field Ticket #** FT-03541-D7V2P40202-51245



**Field Ticket #** FT-03541-D7V2P40202-51245

**Credit Approval #**

**Client** MERIT ENERGY COMPANY

**Purchase Approval #**

PO BOX 1293, LIBERAL, 67905-1293

**Invoice #**

**Field Rep** Erik Chavez

**Well** 15-129-20427

**Field Client Rep** Bladimir Chavez

**Well API #** 15-129-20427

**District** Liberal, KS

**Well Type**

**Job Type** Plug & Abandon

**Well Classification**

**Job Depth (ft)** 0.00

**County** USA

**Gas Used On Job** No

**State/Province** KS

**Field** PANOMA GAS AREA

**Lease** D. E. STOUT Gas Unit

# FIELD TICKET

Client MERIT ENERGY COMPANY

Well D.E. Stout #2

Job Description Plug & Abandon February

Date 09, 2018

Field Ticket # FT-03541-D7V2P40202-51245



## MATERIALS

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
L100112	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	LB	105.0000				
L488168	CEMENT, ASTM TYPE I	SK	120.0000				
L100317	CEMENT, FLY ASH (POZZOLAN)	SK	80.0000				
L100120	EXTENDER, BENTONITE	LB	688.0000				
L411173	Miscellaneous, PF-2	GAL	200.0000				
Product Material Subtotal:							

## SERVICES

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
S-100004	Cement Crew Mobilization-Demobilization Fee	EA	2.00				
S-100049	Cement pump charge, 1,001-2,000 feet/ 301-600 m	4/HR	2.00				
S-100066	Cement pump charge, Additional Hours	HR	4.00				
S-100001	Mileage - vehicle heavy weight	MI	100.00				
S-100002	Mileage - vehicle light weight	MI	100.00				
Service Subtotal:							

# FIELD TICKET

**Client** MERIT ENERGY COMPANY

**Well** D.E. Stout #2

**Job Description** Plug & Abandon

**Date** February 09, 2018



**Field Ticket #** FT-03541-D7V2P40202-51245

## FIELD ESTIMATES

**TOTAL GROSS AMOUNT**

**TOTAL % DISC**

**TOTAL NET AMOUNT**

**Arrive Location**

**Client Rep.**

A large, empty rectangular box with a black border, intended for handwritten or printed field estimates.

## Service Order

I authorize work to begin per service instructions in accordance with the terms and conditions printed on the following pages of this form and represent that I have authority to accept and sign this order.

## Service receipt

I certify that the materials and services listed were received and all services performed in a workmanlike manner.

**BJ REPRESENTATIVE**

Erik Chavez

A handwritten signature in black ink, appearing to be 'Erik Chavez', written over a horizontal line.

**CLIENT AUTHORIZED AGENT**

Bladimir Chavez

A handwritten signature in black ink, appearing to be 'Bladimir Chavez', written over a horizontal line.

# Cementing Treatment



Start Date	2/8/2018	Well	D.E. Stout #2
End Date	2/9/2018	County	
Client	MERIT ENERGY COMPANY	State/Province	KS
Client Field Rep	Bladimir Chavez	API	15-129-20427
Service Supervisor		Formation	
Field Ticket No.		Rig	
District	Liberal, KS	Type of Job	Plug & Abandon

## WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
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Shoe Length (ft):

## HARDWARE

Bottom Plug Used?	No	Tool Type	
Bottom Plug Provided By		Tool Depth (ft)	
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	2,700.00
Top Plug Used?	No	Max Tubing Pressure - Operated (psi)	1,000.00
Top Plug Provided By		Max Casing Pressure - Rated (psi)	
Top Plug Size		Max Casing Pressure - Operated (psi)	
Centralizers Used	No	Pipe Movement	
Centralizers Quantity		Job Pumped Through	Manifold
Centralizers Type		Top Connection Thread	
Landing Collar Depth (ft)		Top Connection Size	2.375

## CIRCULATION PRIOR TO JOB

Well Circulated By		Solids Present at End of Circulation	No
Circulation Prior to Job	No	10 sec SGS	
Circulation Time (min)		10 min SGS	

# Cementing Treatment



<b>Circulation Rate (bpm)</b>		<b>30 min SGS</b>	
<b>Circulation Volume (bbls)</b>		<b>Flare Prior to/during the Cement Job</b>	No
<b>Lost Circulation Prior to Cement Job</b>	No	<b>Gas Present</b>	No
<b>Mud Density In (ppg)</b>		<b>Gas Units</b>	
<b>Mud Density Out (ppg)</b>			
<b>PV Mud In</b>			
<b>PV Mud Out</b>			
<b>YP Mud In</b>			
<b>YP Mud Out</b>			

## TEMPERATURE

<b>Ambient Temperature (°F)</b>	24.00	<b>Slurry Cement Temperature (°F)</b>	
<b>Mix Water Temperature (°F)</b>	54.00	<b>Flow Line Temperature (°F)</b>	

## BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
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Fluid Type	Fluid Name	Component	Concentration	UOM
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## TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
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	Min	Max	Avg
<b>Pressure (psi)</b>	60.00	100.00	150.00
<b>Rate (bpm)</b>	2.00	3.00	2.00

## DISPLACEMENT AND END OF JOB SUMMARY

# Cementing Treatment



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Displaced By	BJ	Amount of Cement Returned/Reversed	
Calculated Displacement Volume (bbls)		Method Used to Verify Returns	
Actual Displacement Volume (bbls)		Amount of Spacer to Surface	
Did Float Hold?	No	Pressure Left on Casing (psi)	
Bump Plug	No	Amount Bled Back After Job	
Bump Plug Pressure (psi)		Total Volume Pumped (bbls)	
Were Returns Planned at Surface	No	Top Out Cement Spotted	No
Cement returns During Job		Lost Circulation During Cement Job	No

## CEMENT PLUG

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Bottom of Cement Plug?	No	Wiper Balls Used?	No
Wiper Ball Quantity		Plug Catcher	No
Number of Plugs	3		

## SQUEEZE

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Injection Rate (bpm)	Fluid Density (ppg)
Injection Pressure (psi)	ISIP (psi)
Type of Squeeze	FSIP (psi)
Operators Max SQ Pressure (psi)	

## COMMENTS

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### Treatment Report

### Job Summary

# Cementing Treatment



## Plug 1

Prime 2 bbls

Pressure Test 1000 psi

Cmt 100 sks @ 13.8 ppg / 25 bbls

Displacement 3.5 bbls

Shutdown and wash equipment

## Plug 2

Prime Lines 2 bbls

Pressure Test 1000 psi

Spacer 10 bbls

Cmt 30 sks @ 13.8 ppg / 7.64 bbls

Displacement 1.5 bbls

Shutdown and Wash Equipment

## Plug 3

Prime Lines 2 bbls

Pressure Test 1000 psi

Spacer 10 bbls

Cmt 70 sks @ 13.8 ppg / 18 bbls

Shutdown and Wash Equipment