



Extraction

Prepared For
Craig East

API Number: 05-005-06473

Gladys Cavanaugh #1

Surface Plug Cement

Located in

Arapahoe County, Colorado

SENE 21-4S-64W

Prepared by

Paul Novotny

on

Friday, November 3, 2017

Serviced from the Brighton, Colorado facility
For Customer Service Call
720-408-9201



Extraction
Gladys Cavanaugh #1
Surface Plug
11/3/2017

Rig: RIG



Job Data

Job Type	Surface Plug
Round Trip Mileage	80
Previous Casing	8.625" 24# to 403'
Hole Size	7.875" to 1650'
MD	1650
Notes	Bring 400 lbs CaCl2 on the side

Volumes

	Length (ft)	OD (in)	ID (in)	Excess (%)	CF/FT	Vol. (cf)	Vol. (bbl)
OH Plug	100	7.875	0.000	20%	0.4059	40.6	7.2
Stub Plug	403	8.097	0.000	0%	0.3576	144.1	25.7
Stub Plug	697	7.875	0.000	20%	0.4059	282.9	50.4

Fluid Requirements

Spacer

5 bbls Fresh Water

OH Plug

100% Class G

Volume (sx)	40
Weight (ppg)	15.80
Yield (cf/sx)	1.15
Water (gps)	5.00
Top of Cement (ft)	1550
Excess (%)	20%

Stub Plug

100% Class G

Volume (sx)	375
Weight (ppg)	15.80
Yield (cf/sx)	1.15
Water (gps)	5.00
Top of Cement (ft)	0
Excess (%)	20%

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REF. #	DESCRIPTION	QUANTITY	UNIT PRICE	DISCOUNT	GROSS	NET TOTAL
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)					
CT002	Pump Charge 0-2000'					
JM001	Data Acquisition System					
AE014	Environmental Fee*					
ML001	Pickup Mileage					
ML002	Pump Truck/Heavy Vehicle Mileage					
ML003	Bulk Cement Delivery/Return					
MX001	Bulk Material Mixing Service Charge					