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## GMT Exploration

# Plug & Abandon Field Document

BENNETT #10-1 (05-039-06482)  
S:10 T:6S R:65W Elbert, CO

**Attention: Trevor Smith | (720) 335-9045 | [trevor.smith@iptenergyservices.com](mailto:trevor.smith@iptenergyservices.com)**  
1560 BROADWAY, STE 2000  
DENVER, CO 80202

ERST: 06/10/22

Location Customer Rep: TOM

District: Cheyenne

CallSheet #: 81923  
Proposal #:60507







# Cement Job Log

Proposal #60507 - CallSheet #81923

Page 1 of 1

6/10/22 17:10

## Well Information

<b>Job Type:</b> PlugAbandon	<b>Latitude:</b> 39.548616	<b>State:</b> CO
<b>API #:</b> 05-039-06482	<b>Longitude:</b> -104.644401	<b>County:</b> Elbert
<b>Customer Name:</b> GMT Exploration	<b>Section:</b> 10	<b>Target Formation:</b>
<b>Well Name:</b> BENNETT #10-1	<b>Township:</b> 6S	<b>District Location:</b> Cheyenne
<b>Supervisor Name:</b> ALDO ESPINOZA	<b>Range:</b> 65W	<b>Sales Office:</b>

## Job Log - Page #1

Line #	Event #	Date (MM/DD/YY)	Time (hh:mm)	Event Description	Density (lb/gal)	Pump Rate (bpm)	Pump Volume (bbls)	Pipe Pressure (psi)	Annular Pressure (psi)	Comments
1		6/10/2022	7:00	call out						crew called out to location
2		6/10/2022	13:08	on location						crew on location, spot equipment
3		6/10/2022	13:40	rig up						rig up equipment
4		6/10/2022	15:00	safety meeting						safety meeting with company man and rig crew
5		6/10/2022	15:25	pressure test	8.34	0.2	0.2	2700		pressure test lines to 2700 psi
6		6/10/2022	15:28	pump plug	15.8	3	49.8	200		pump 10 bbl water ahead of cement, 125 sk / 25.8 bbl slurry / 1.5 bbl water behind and displace with 12.5 bbl mud, got 3 wet samples for customer and a dry sample / weigh verified
7		6/10/2022	15:47	pull pipe						pull 10 stands
8		6/10/2022	16:09	circulate well	9	3	30	150		circulate well with 30 bbl mud
9		6/10/2022	16:25	pull pipe						pull rest of pipe out of hole
10		6/10/2022	16:35	rig down						rig down equipment
11		6/10/2022								thanks

The job log has been reviewed by customer

Customer Representative: \_\_\_\_\_

Customer Representative: \_\_\_\_\_

(Signature)

(Date)





### Field Water Analysis

Proposal #60507 - CallSheet #81923

6/10/22 17:10

#### Well Information

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<b>Customer Name:</b> GMT Exploration	<b>Section:</b> 10	<b>Target Formation:</b>
<b>Well Name:</b> BENNETT #10-1	<b>Township:</b> 6S	<b>District Location:</b> Cheyenne
<b>Supervisor Name:</b> ALDO ESPINOZA	<b>Range:</b> 65W	<b>Sales Office:</b>

#### Field Water Analysis

**Water Source:** None

	Recorded Value	Recommended Range	Potential Cement Slurry Effect
<b>Temperature:</b>	65	50-80°F	High temp. could reduce thickening time, low temp. could reduce mixability
<b>pH:</b>	7	5.5-8.5	
<b>Chlorides:</b>	1200	0-3000 mg/L	Could shorten thickening time of cement
<b>Total Alkalinity:</b>	500	0-1000	If pH is above 9, could cause severe retardation
<b>Total Hardness:</b>	200	0-500 mg/L	Could shorten thickening time of cement
<b>Carbonates:</b>	50	0-100 mg/L	If pH is above 9, could cause severe retardation
<b>Sulfates:</b>	1300	0-1500 mg/L	Potentially retardation cement
<b>Potassium:</b>	1600	0-3000 mg/L	Could cause shortening of thickening time
<b>Iron:</b>	200	0-300 mg/L	



Field Ticket

Proposal #60507 - CallSheet #81923

6/10/22 17:10

Well Information		
Job Type: PlugAbandon	Latitude: 39.548616	State: CO
API #: 05-039-06482	Longitude: -104.644401	County: Elbert
Customer Name: GMT Exploration	Section: 10	Target Formation:
Well Name: BENNETT #10-1	Township: 6S	District Location: Cheyenne
Supervisor Name: ALDO ESPINOZA	Range: 65W	Sales Office:

Service Charges

Part #	Name	List Price	Discount	Unit Price	Uom	Quantity	Total
S-100004	Cement Crew Mobilization-Demobilization Fee	\$10,880.00	84.00%	\$1,740.80	ea	1	\$1,740.80
S-100066	Cement pump charge, Additional Hours	\$2,720.00	50.00%	\$1,360.00	hr(s)	0	\$0.00
S-100076	Single Cement Pump Charge	\$4,960.00	84.00%	\$793.60	hr(s)	8	\$6,348.80
S-100078	Fuel per pump charge - cement	\$384.00	0.00%	\$384.00	hr(s)	8	\$3,072.00
			84.00%			0	\$0.00
			84.00%			0	\$0.00
<b>Total:</b>							<b>\$11,161.60</b>

Material Charges

Part #	Name	List Price	Discount	Unit Price	Uom	Quantity	Total
L100021	CEMENT, CLASS G	\$47.08	84.00%	\$7.53	sks	125	\$941.60
L100112	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	\$2.40	84.00%	\$0.38	lbs	250	\$96.00
			84.00%			0	\$0.00
			84.00%			0	\$0.00
<b>Total:</b>							<b>\$1,037.60</b>

Casing Equipment Charges

Part #	Name	List Price	Discount	Unit Price	Uom	Quantity	Total
			0.00%			0	\$0.00
			0.00%			0	\$0.00
<b>Total:</b>							<b>\$0.00</b>

Top Out Charges

Top Out	Quantity (sks)	
	0	



Field Ticket

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6/10/22 17:10

Well Information

Job Type: <u>PlugAbandon</u>	Latitude: <u>39.548616</u>	State: <u>CO</u>
API #: <u>05-039-06482</u>	Longitude: <u>-104.644401</u>	County: <u>Elbert</u>
Customer Name: <u>GMT Exploration</u>	Section: <u>10</u>	Target Formation: _____
Well Name: <u>BENNETT #10-1</u>	Township: <u>6S</u>	District Location: <u>Cheyenne</u>
Supervisor Name: <u>ALDO ESPINOZA</u>	Range: <u>65W</u>	Sales Office: _____

Job Totals

Field Ticket Comments

[Empty text box for field ticket comments]

Charges	Amount
Service Charges	\$11,161.60
Material Charges	\$1,037.60
Casing Equipment Charges	\$0.00
<b>Grand Total</b>	<b>\$12,199.20</b>

Customer Stamp

[Large empty rectangular area for customer stamp]

The above data is deemed accurate

Customer Representative: \_\_\_\_\_

Customer Representative: \_\_\_\_\_

(Signature)

\_\_\_\_\_

(Date)

AC Representative: \_\_\_\_\_

AC Representative: \_\_\_\_\_

(Signature)

\_\_\_\_\_

(Date)



Job Procedure

Well Information

<b>Job Type:</b> PlugAbandon	<b>Latitude:</b> 39.548616	<b>State:</b> CO
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<b>Customer Name:</b> GMT Exploration	<b>Section:</b> 10	<b>Target Formation:</b>
<b>Well Name:</b> BENNETT #10-1	<b>Township:</b> 6S	<b>District Location:</b> Cheyenne
<b>Supervisor Name:</b> ALDO ESPINOZA	<b>Range:</b> 65W	<b>Sales Office:</b>

Service Charges

Job	Fluid	Name	Function	Density (lb/gal)	Yield (ft <sup>3</sup> /sk)	Volume (sks)	Volume (bbbls)	Water (gal/sk)	Water (bbbls)	Rate (bpm)
1	1	Flush Ahead Plug-3	Flush	8.34	-	-	10	-	10	5.00
1	2	Plug-3: (2647')	Plug	15.80	1.16	125	25.8	5.0	14.9	5.00
1	3	Plug-3 Displacement	Displacement	8.34	-	-	12.5	-	12.5	5.00
1	4	Flush Ahead Plug-4	Flush	8.34	-	-	20	-	20.00	5.00
1	5	Plug-4: (1936'-1736')	Plug	15.80	1.16	85	17.6	5.0	10.13	5.00
1	6	Plug-4 Displacement	DisplacementFinal	8.34	-	-	18	-	18.00	5.00

pressure test lines to 2000 psi

10 bbl water spacer

mix/pump 125 sk @ 15.8 # / 25.8 bbl slurry / 14.9 bbl mix water w/235 lb CC / get 3 wet samples / 1 dry

fallow with 1.5 bbl water , go straight to displacement

displace 12.5 bbl mud, then wash pumping lines to pit with less water possible

pull 10 stands

pump 30 bbl mud

pull rest of tubing

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### Field Survey

6/10/22 17:10

#### Well Information

Job Type: <u>PlugAbandon</u>	Latitude: <u>39.548616</u>	State: <u>CO</u>
API #: <u>05-039-06482</u>	Longitude: <u>-104.644401</u>	County: <u>Elbert</u>
Customer Name: <u>GMT Exploration</u>	Section: <u>10</u>	Target Formation: _____
Well Name: <u>BENNETT #10-1</u>	Township: <u>6S</u>	District Location: <u>Cheyenne</u>
Supervisor Name: <u>ALDO ESPINOZA</u>	Range: <u>65W</u>	Sales Office: _____

#### Customer Survey

#### General Comments

- | Yes                      | No                       |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing arrive on time?  |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing cause any delays?<br>If "Yes," how long was the delay? _____ hrs |
| <input type="checkbox"/> | <input type="checkbox"/> | Did a pre-job meeting occur?  |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing equipment functional correctly throughout the job?               |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing have all required equipment to complete job?                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing deliver the products and services as expected?                   |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing leave location spill-free?                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | Did all American Cementing personnel adhere to PPE policies?                            |
| <input type="checkbox"/> | <input type="checkbox"/> | Did American Cementing review the field ticket with you?                                |

Customer Representative: Trevor Smith

Customer Representative: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)



### Safety Stop Point

CUSTOMER: GMT Exploration  
 JOB TYPE: Plug/Abandon  
 SERVICE SUPERVISOR: ALDO ESPINOZA

RIG: Cyclone 3  
 DATE: 6/10/22 17:10  
 CALL SHEET # 81923



Safety Stop Point	Task	Potential Accidents or Hazards	Recommendation to Eliminate or Reduce Potential Hazards
<b>Travel to Location</b>	1. Pre Trip 2. Leaving yard 3. Driving on Hwy or Interstate 4. Driving on lease roads 5. Pulling on location 6.	1. Starting truck with out oil,water,no fuel 2. Traffic, Hitting other vehicles 3. Slick roads , Animals , Road Construction 4. Tearing up equipment 5. Blocking road , getting hit , running of road 6.	1. Show up on time , Check oil and other fluids 2. Waiting until traffic is clear 3. Stay alert , Know conditions 4. Drive slow on lease roads ( 10 to 25 mph ) 5. Pull off to the side of road before location 6.
<b>Emergency Procedures</b>	1. Stopping along roadway 2. Arriving on a accident 3. 4. 5. 6.	1. On coming traffic 2. Blood born pathogens 3. 4. 5. 6.	1. Get all the way off road, turn on hazard use triangles 2. Wear ppe, onley render aid that your trained for 3. 4. 5. 6.
<b>Spot Equipment</b>	1. Backing up 2. Pulling forward 3. 4. 5. 6.	1. Hitting other vehicles 2. Running into ditches , Not making corners 3. 4. 5. 6.	1. Ground guides use radios 2. Ground guides 3. 4. 5. 6.
<b>Lay Iron to Rig</b>	1. Taking iron off truck 2. Caring iron on location 3. Hooking up iron 4. Hammering up iron 5. Picking iron off dope bucket 6.	1. Pinch points , Fingers , Hands , 2. Slipping or tripping on slick ground or ruts 3. Getting hit when sliding wing 4. Getting hit with hammer or hitting someone 5. Hurting back 6.	1. Communicate with other person 2. Look at ground before rigging up 3. Let other hand know that you are sliding wing 4. Make sure that everyone knows are about to hammer 5. Pick iron up using legs no back 6.
<b>Pick Up Iron to Rig Floor</b>	1. Putting iron on beaver slide 2. Hooking up iron to sling 3. Picking up iron to floor 4. 5. 6.	1. Getting finger pinch setting iron down 2. Getting hit by something from rig floor 3. Iron coming unhook 4. 5. 6.	1. Let other know when you are setting iron down 2. Make sure that another H.E.S. hand is on the floor 3. Tie chain in not , or use sling 4. 5. 6.
<b>Mix Chemicals</b>	1. Poring chemicals 2. Putting chemicals on truck 3. Hooking up hoses 4. 5. 6.	1. Getting it in eye 2. Dropping chemicals on someone 3. Pinching fingers 4. 5. 6.	1. Were goggles 2. Make sure that the other person has a hold of it 3. Wear gloves 4. 5. 6.
<b>Run Job</b>	1. Pressure Test 2. High pressure Iron/Hoses 3. Checking pods 4. 5. 6.	1. Lines Parting 2. Hoses/Iron Parting 3. Rupturing pods 4. 5. 6.	1. Let everyone know that you are testing, Stay away 2. All charged hoses be bullet hoses, stay clear of lines 3. Use rubber mallets only 4. 5. 6.
<b>Rig Down</b>	1. Letting iron off floor 2. Caring iron to truck 3. Breaking iron apart 4. Putting iron on truck 5. Cleaning up truck 6.	1. Coming unhooked 2. Tripping on ground hazards 3. Getting hit with hammer or hitting someone 4. Pinch points , Fingers , Hands , 5. Backing up to pit 6.	1. Stay out of red zone 2. 3. Let everyone known that you are swing hammer 4. Communicate with other person 5. Ground guides 6.
<b>Travel "Home"</b>	1. Leaving location 2. Climbing hills 3. Turning on to Hwy or Interstate 4. Driving on Hwy or Interstate 5. 6.	1. Flowing to close; Rock in windshield 2. Truck sliding backwards down hill 3. Getting hit by traffic 4. Bad road conditions 5. 6.	1. Leave 30 sec after truck in front of you 2. Do not follow to close 3. Make sure you can make it with out impeding traffic 4. Stay alert , Know conditions 5. 6.
<b>Miscellaneous or Additions to Above</b>	1. 2. 3. 4. 5. 6.	1. 2. 3. 4. 5. 6.	1. 2. 3. 4. 5. 6.