

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/13/2015

Personnel On Location

COGCC: Craig Burger
A+: George Archuleta, superintendent and 3 hands
Landowner: Mike Hayes
Other: none
Weather: Sunny
70's

Work Summary

Began mobilization at noon. Cut WRS A below grade. Fish are loose in hole, no cement.
Pulled fish from WRS A with backhoe, about 31 feet of rod and tubing.
Off location 17:30.

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Units Complete</u>	<u>Total Approved (Original Contract plus P.O.)</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	Mobilized equipment to location.	20%	\$ 2,866.40
2	Plug and Abandon	Hours	\$ 497.00		0	\$ -
3	Cement Services	Sacks	\$ 29.00		0	\$ -
4	Solid Waste Management	LS	\$ 2,900.00		0%	\$ -
5	Liquid Waste Management	Load	\$ 550.00		0	\$ -
6	Cut and Cap Wellheads	Each	\$ 190.00		0	\$ -
7	Fresh Water	Barrels	\$ 1.50		0	\$ -
8 (Change Order)						\$ -
9 (Change Order)						\$ -

Current Total => \$ 2,866.40

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/14/2015

Personnel On Location

COGCC: Craig Burger On location 7am off location 5:30 pm

A+: George Archuleta, superintendent and 5 hands

Landowner:

Other: none

Weather: Sunny, windy
30's to 70's

Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder, grader, backhoe

Work Summary

On location 7AM. Mobilized to Gentry #6. Pulled fish (1 joint of tubing) with winch.

Welded on well head. Ran in hole 8 joints (257') tubing.

Hole was dry, filled with fresh water. Circulation after 94 barrels pumped. Circulated 26 additional barrels.

Placed plug from 257' to 100', 34 sacks w/2% CaCl measured at 15.6 ppg. Pulled 7 joints, wait on cement from 11:45.

Excavated around WRS B and cut off casing. Existing plug appears adequate.

Began preparing to enter WRS F. Access road to WRS F and G graded.

Ran in hole to tag at 15:40, no tag to 257'. Cement was lost. Circulated through tubing, 10 barrel fresh water spacer.

Pumped 84 sacks of cement at 15.6 ppg from 257' to surface. Cement returned at surface but fell back.

Plan to tag plug in the morning and top off if cement is tagged.

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	0%	50%	\$ -	\$ 7,166.00
2	Plug and Abandon	Hours	\$ 497.00	10	10	\$ 4,970.00	\$ 4,970.00
3	Cement Services	Sacks	\$ 29.00	118	118	\$ 3,422.00	\$ 3,422.00
4	Solid Waste Management	LS	\$ 2,900.00	0%	0%	\$ -	\$ -
5	Liquid Waste Management	Load	\$ 550.00	1	1	\$ 550.00	\$ 550.00
6	Cut and Cap Wellheads	Each	\$ 190.00	0	0	\$ -	\$ -
7	Fresh Water	Barrels	\$ 1.50	130	130	\$ 195.00	\$ 195.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10	34	34	\$ 37.40	\$ 37.40
9 (Change Order)						\$ -	\$ -
P.O Amount:			\$ 51,914.00	Current Total =>		\$ 9,174.40	\$ 16,340.40

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)

Date: 4/15/2015

Personnel On Location

COGCC: Craig Burger On location 7am off location 5:30 pm

A+: George Archuleta and 5 hands

Landowner:

Other: none

Weather: Sunny, windy

20's to 50's

Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder.

Work Summary

Tagged Gentry #6 plug at 78'. Pumped 56 sacks, good return at surface. Cement fell back to about 4 feet in casing.

Moved equipment to WRS G. Welded threaded casings on WRS G and F.

Cut and capped WRS B.

Entered WRS F. Pushed tubing with drill bit to 257' with no resistance.

Pumped cement from 257' to surface, 120 sacks at 16 ppg with 2% CaCl. Returns broke out on backside of surface casing. Vacuum truck to clean out of pit.

Change order #1: CaCl addition to cement is \$1.10/sk. Expect 3 additional loads of liquid waste management, 300 more sacks cement, .

Change order #1 cost: \$11,320

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	0%	50%	\$ -	\$ 7,166.00
2	Plug and Abandon	Hours	\$ 497.00	10	20	\$ 4,970.00	\$ 9,940.00
3	Cement Services	Sacks	\$ 29.00	176	294	\$ 5,104.00	\$ 8,526.00
4	Solid Waste Management	LS	\$ 2,900.00		0%	\$ -	\$ -
5	Liquid Waste Management	Load	\$ 550.00	1	2	\$ 550.00	\$ 1,100.00
6	Cut and Cap Wellheads	Each	\$ 190.00	1	1	\$ 190.00	\$ 190.00
7	Fresh Water	Barrels	\$ 1.50	200	330	\$ 300.00	\$ 495.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10	120	154	\$ 132.00	\$ 169.40
9 (Change Order)						\$ -	\$ -

P.O Amount: \$ 63,234.00

Current Total => \$ 11,246.00 \$ 27,586.40

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/16/2015

Personnel On Location

COGCC: Craig Burger On location 7am off location 5:30 pm
A+: Sam Stuart (superintendent) and 5 hands
Landowner: Mike Hayes
Other: none
Weather: Overcast, breezy with snow flurries, 2" snow previous night
20's to 30's
Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder, grader.

Work Summary

Tagged WRS G plug at 8' with tape.

Moved equipment to WRS F. Rigged up. Tagged fill at 15'. Picked up power swivel.

Drilled through bridge at 15' to 20', small amount of gas. Fell to 125' and drilled to 149'. Spun at 149' for 1/2 hour, maybe fish in hole.

Pulled drill bit and tubing, layed down power swivel, ran in hole with tube to 149'.

Pumped cement from 149' to surface, 32 sacks at 15.3 ppg with 2% CaCl. Good returns to waste tank. Cement fell to about 10' in casing.

Checked bag placed on WRS G. Deminimus bubbling and negative on methane meter.

Grader cleared access for WRS E, D and Gentry #2.

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	0%	50%	\$ -	\$ 7,166.00
2	Plug and Abandon	Hours	\$ 497.00	10	30	\$ 4,970.00	\$ 14,910.00
3	Cement Services	Sacks	\$ 29.00	32	326	\$ 928.00	\$ 9,454.00
4	Solid Waste Management	LS	\$ 2,900.00		0%	\$ -	\$ -
5	Liquid Waste Management	Load	\$ 550.00		2	\$ -	\$ 1,100.00
6	Cut and Cap Wellheads	Each	\$ 190.00		1	\$ -	\$ 190.00
7	Fresh Water	Barrels	\$ 1.50	180	510	\$ 270.00	\$ 765.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10		154	\$ -	\$ 169.40
9 (Change Order)						\$ -	\$ -

P.O Amount: \$ 63,234.00

Current Total => \$ 6,168.00 \$ 33,754.40

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/17/2015

Personnel On Location

COGCC: Craig Burger On location 7am off location ?? pm
A+: Sam Stuart (superintendent) and 5 hands
Landowner: Mike Hayes
Other: none
Weather: Overcast, breezy, rain previous night
30's to 40's
Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder, grader.

Work Summary

Grader used to make access passable due to mud. Moved to WRS A. Rigged up. Tagged fill at 40'. Picked up power swivel. Drilled with 6 3/4" cone bit to 48'. Drilling on fish. Plugged from 48' with 25 sacks @ 15 ppg. Good returns to surface. Topped off WRS F and WRS G with 4 sacks each. Cut off WRS F, G, Gentry #6, welded on markers and backfilled. Wells plugged and abandoned. Excavated around WRS D and WRS E.
A ~5 ft diameter bell of concrete is present just below the ground surface at WRS D. Contractor devising plan to gain access to casing. Cut into WRS E about 4ft below grade. Plug was only about 2' in casing at surface. Methane present in casing at low pressure, blowing down. Will need to set plugs in WRS E (change order).

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	0%	50%	\$ -	\$ 7,166.00
2	Plug and Abandon	Hours	\$ 497.00	10	40	\$ 4,970.00	\$ 19,880.00
3	Cement Services	Sacks	\$ 29.00	32	358	\$ 928.00	\$ 10,382.00
4	Solid Waste Management	LS	\$ 2,900.00		0%	\$ -	\$ -
5	Liquid Waste Management	Load	\$ 550.00	1	3	\$ 550.00	\$ 1,650.00
6	Cut and Cap Wellheads	Each	\$ 190.00	3	4	\$ 570.00	\$ 760.00
7	Fresh Water	Barrels	\$ 1.50	100	610	\$ 150.00	\$ 915.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10		154	\$ -	\$ 169.40
9 (Change Order)						\$ -	\$ -
P.O Amount: \$ 63,234.00			Current Total => \$ 7,168.00 \$ 40,922.40				

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/18/2015

Personnel On Location

COGCC: Craig Burger On location 7am off location 6:15 pm
A+: Sam Stuart (superintendent) and 5 hands
Landowner: Mike Hayes
Other: none
Weather: Overcast occasional showers, breezy, rain previous night
40's to 60's
Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder, backhoe.

Work Summary

Starter broken on cement truck, A+ replacing starter from 7 to 10 am.

Rental skid steer (True Value, Rangely) broke up concrete around WRS D casing and broke out surface plug inside casing.

P&A marker (10' long BLM standard) dropped into well. Well venting.

Broke out surface plug inside WRD E well. Well venting.

Loaded Gentry 2 with 50 bbl water, fluid at surface. Oil coming through water.

Loaded WRS E with 7 bbl water and WRS D with 7 bbl water. WRS E holding water. WRS D water dropped, loaded 25 bbl and then 70 bbl more.

Ran 100' of 1.5" poly line into WRS E tagged fill or staged shale at 80'. Pumped 17 sacks @ 14.4 ppg from 80' to surface. Good cement returns.

Dry dumped 10 sacks followed by 10 gallons water into WRS D.

Mobed to Gentry 2 and circulated 4 bbl. Oil rising through water. Fluid level stable. Waited 1 hour. Circulated 4 bbl and pumped 25 sacks @ 15.4 ppg.

Good cement returns to surface. Some oil seeping through cement. Gentry 2 consists of a 7" OD casing inside a 8.25" OD conductor.

Cut and capped WRS E, backfilled. Still some venting at WRS D. Excavated cut and capped and backfilled Gentry 2.

Cut and capped WRS A, backfilled. WRS A is 10.5" OD (10" ID).

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	0%	50%	\$ -	\$ 7,166.00
2	Plug and Abandon	Hours	\$ 497.00	7	47	\$ 3,479.00	\$ 23,359.00
3	Cement Services	Sacks	\$ 29.00	52	410	\$ 1,508.00	\$ 11,890.00
4	Solid Waste Management	LS	\$ 2,900.00		0%	\$ -	\$ -
5	Liquid Waste Management	Load	\$ 550.00	1	4	\$ 550.00	\$ 2,200.00
6	Cut and Cap Wellheads	Each	\$ 190.00	3	7	\$ 570.00	\$ 1,330.00
7	Fresh Water	Barrels	\$ 1.50	150	760	\$ 225.00	\$ 1,140.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10	120	274	\$ 132.00	\$ 301.40
9 (Change Order)	Skidsteer with pneumatic hammer	Hours	\$ 80.00	3	3	\$ 240.00	\$ 240.00
10 (Change Order)						\$ -	\$ -

P.O Amount: \$ 63,234.00

Current Total => \$ 6,704.00 \$

47,626.40

ENGINEER'S DAILY REPORT

Project: Gentry PA (PHAA2015...20)
Date: 4/19/2015

Personnel On Location

COGCC: Jay Krabacher On location 7:50am off location 1:30 pm
A+: Sam Stuart (superintendent) and 5 hands
Landowner:
Other: none
Weather: Overcast breezy
40's to 60's
Equipment: Rig #6, tubing trailer, cement truck, pump truck, wash out tank, frac tank, water tank, welder, backhoe.

Work Summary

Deminimus venting from WRS D. Loaded hole with 45 bbl water. Water came to surface then steadily dropped.
Dropped ball, bridged out at about 70'. Followed with 1 to 2 feet of dirt.
Pumped 51 sacks cement with 2% CaCl. Cement stayed at about 4' below ground surface. Wait on cement.
Cut casing and welded plate. Casing is 9.625" OD.
A Plus demobed from project.

Measurement and Payment

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Percent/Un its Complete</u>	<u>Daily Cost</u>	<u>Total Approved</u>
1	Mobilization and Demobilization	LS	\$ 14,332.00	50%	100%	\$ 7,166.00	\$ 14,332.00
2	Plug and Abandon	Hours	\$ 497.00	7.5	54.5	\$ 3,727.50	\$ 27,086.50
3	Cement Services	Sacks	\$ 29.00	51	461	\$ 1,479.00	\$ 13,369.00
4	Solid Waste Management	LS	\$ 2,900.00	1	1	\$ 2,900.00	\$ 2,900.00
5	Liquid Waste Management	Load	\$ 550.00	1	5	\$ 550.00	\$ 2,750.00
6	Cut and Cap Wellheads	Each	\$ 190.00	1	8	\$ 190.00	\$ 1,520.00
7	Fresh Water	Barrels	\$ 1.50	80	840	\$ 120.00	\$ 1,260.00
8 (Change Order)	Calcium Chloride additive	Sacks	\$ 1.10	51	325	\$ 56.10	\$ 357.50
9 (Change Order)	Skidsteer with pneumatic hammer	Hours	\$ 80.00	0	3	\$ -	\$ 240.00
10 (Change Order)						\$ -	\$ -

P.O Amount: \$ 65,306.00

Current Total => \$ 16,188.60 \$ 63,815.00