

A-Plus-Well Service - Daily Cost Record

Code	Well Name: <u>BARBARA #1</u>	3 rd Day: <u>TUE</u>	Date: <u>10-9-77</u>
Well Servicing Rig: (circle work type and if Single or Double)		Units	Per Unit Cost
Rigless Rod Rig Tubing Work Workover Pkg P&A Rig - per hour:			
	\$130 \$238/200 \$250/210 \$266 \$250/210	<u>4</u>	<u>250.00</u> <u>1000.00</u>
Double Rig Standby Time (Minimum 8 hours per day, M-F), per hour:			\$ 200.00
1.60	Crew Travel Time, to and from location, per hour	<u>1</u>	\$ 110.00 <u>110.00</u>
1.70	Crew Pick-up, per mile to / from location	<u>25</u>	\$ 1.10 <u>27.50</u>
1.80	Extra Floorhand, when required, per hour:		\$ 26.00
1.82	Trainee Floorhand, crew development program, per rig's hour:		\$ 16.00
2.10	Triplex Pump (Truck or skid unit), per day:		\$ 140.00
2.20	If using a Pump Truck, then Mileage when moved:		\$ 3.60
2.30	Cement Pump Charge - plugging, per plug:		\$ 400.00
2.40	Cement Pump Charge - Squeeze job, per event:		\$ 600.00
2.50	ASTM Type III Neat Cement, per sack: <u>125 lbs</u>		\$ 15.00 <u>180.00</u>
2.60	Cement Drayage: Miles <u>.56</u> Tons <u>25</u> , per ton-mile:		\$ 1.20 <u>10.15</u>
2.70	2% Calcium Chloride, \$0.80 per sx; 1% - \$0.40 per sx:		
Other:			
3.20	Cementer / Field Supervisor / Tool Pusher, per day	<u>1/2 DAY</u>	\$ 550.00 <u>275.00</u>
3.30	Travel for Cementer, Engineer or Field Supervisor, per mile	<u>25</u> <u>275</u>	\$ 1.10 <u>27.50</u>
4.10	Wireline Operator on location		\$ 200.00
4.20	Travel for wireline operator or rigger in pickup, per mile:		\$ 1.10
4.30	Travel for Wireline Unit, to / from location units #29 & #231, per mile:		\$ 2.20
4.32	Travel for Wireline Unit, to / from location, #232 & Unit #133, per mile:		\$ 3.30
4.60	Perforate Bi-wire: 7/8", 1-11/16", 2-1/8"; (1 to 4 holes), per event:		\$ 620.00
4.70	Perforate with HSC: 3-1/8" or 4"; (2 to 3 holes), per event:		\$ 700.00
4.74	Depth Charge (gauge ring runs, setting CR or CIBP), per foot		\$ 0.15
Cement Retainers, Bridge Plugs or Other WL Services: (Record Size, Type & Depth)			
	<u>1-4 1/2 DHS</u>		<u>1000.00</u>
7.30	Casing Scraper (4-1/2" & 5-1/2"), per well:		\$ 350.00
7.40	Casing Scraper (7"), per well:		\$ 500.00
Other:			
Rig Support Items:			
8.40	Water Storage Tank, per day: Number -		\$ 30.00
Flow Back tank \$60/day, Waste Pits; Small-\$30/day, Large \$40/day, Unit #			
8.72	Stripping Rubber, each: Size -		\$ 150.00
8.80	Pipe Wiper Rubber, each: Size -		\$ 25.00
8.82	Oil Saver Rubber, each:		\$ 14.50
	Swab Cups, Load King or Sand King, each: Size -		\$ 22.00
Other Rental Items:			
Backhoe, Kill Truck and Hauling Services:			
9.00	Tandem Rig Up Truck, per hour: Moved - <u>haul-in equip</u>	<u>8</u>	\$ 110.00 <u>880.00</u>
9.02	Helper, Swamper or Laborer, per hour	<u>8</u>	\$ 28.00 <u>224.00</u>
9.04	Water Truck (80 bbls, vacuum), per hour: Loads - <u>2 1/2 dispoent</u>	<u>46</u>	\$ 72.00 <u>432.00</u>
Water Purchases: Source: Cost: /load			
Trailers, per day: GN \$25, Tandem w/o handrails \$30, Tandem w/handrails \$40, Unit #			
9.20	Backhoe, John Deere 310D, with Operator, per hour:		\$ 70.00
9.22	Welder, per hour (plus mileage at \$1.10/mile)		\$ 1.10
Other:			
Miscellaneous Items:			
9.24	Gas Monitor, per day: Monitor #		\$ 40.00 <u>40.00</u>
9.30	Well Mobilization Charge for P&A work, complete package of services		\$ 800.00
9.32	Well Mobilization Charge for P&A work, limited services provided		\$ 300.00
9.34	P&A Marker, 4"x 4' above ground		\$ 140.00 <u>140.00</u>
9.36	Workstring Rental: \$0.26/ft for first 5 days: Size - Length -		\$ 0.26
9.40	Subsistence, away from headquarters overnight, per man per day:		\$ 120.00
9.50	Portable Toilet rental, per day:		\$ 20.00 <u>20.00</u>
Total Cost This Day without Tax:			<u>4136.15</u>
Prior Cumulative Cost: <u>18295.48</u>		Tax at 7%:	
New Cumulative Cost: <u>22967.26</u>		Total	<u>4671.78</u>

Daily Report

A - PLUS WELL SERVICE

30110

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211Rig No. 6Date 10-8-07 Day MON.Well Name BARBARA #1Company NORTHSTAR OIL & GAS

FROM	TO	DESCRIPTION OF OPERATION
6:00	7:00	TRAVEL TO LOC
7:00	7:30	SECU. EQUIP. & HSTN on JSA
7:30		CK PRESSURES, tag O Lsg O B.H. O set C.R. at 3814', P/T tag to 1000' HELD O.K. string out hoses & circulate csg w/ 70 BBLs circulate csg clean P/T csg est rate at 18 BPM at 600', string in PRESSURE up to 500 w/ 1/4 bbl OK'd by O.D. Reg. to pump cement on top of C.R. & increase cement Pump Plug #1 w/ 175XS w/ 2/20 calc. 2644cf 14-8" cement 3418-3367 TOE 3168
9:00		LD 8 1/2", SB 12 stands S.I.W
9:00	12:00	WDC P/T B.H., pumped 20 BBLs down B.H. w/ 100 PSI
12:00		T.H. w/ 12 stands tag w/ 30' string up TOC at 3150' attempt P/T to 800' Pump 3 1/2 BPM at 500'
1:00		LD TBL up to 1464'
1:00		LOAD csg w/ 3 BBLs Pump Plug #2 w/ 445XS 5808cf 14-8" cement
1:30		w/ 2/20 calc
1:30	2:30	LD ALL tag, P/T csg to 800' bled-off in 1 min to O
2:30		RW A-plus W.L. R.H. TAG TOC at 810' Perf at 478' w/ 3-3/4 HSC, est circulation out B.H. & 3:00 circulate clean
3:30		Pump Plug #3 w/ 200XS 2644cf 14-8" cement from 478' to surf.
4:15		circulate good cement out B.H. & S.I.B.H. S.I. csg w/ 1800'
4:15	5:00	RD floor, dig-out W.H., clean-up
5:00	6:00	TRAVEL BACK
ALL procedures OK'd by H. Villanueva via phone		

Fuel & Motor Oil _____ Water Hauled _____
 Rental Equipment _____ Cement Retainers _____
 Cementing Plug #1 175XS w/ 2/20 calc. Plug #2 445XS w/ 2/20 calc. Plug #3 (surf.) 200XS
 Wireline Ref at 478' w/ 3-3/4 HSC BT S.S. + M.F.

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	44		
Operator	L. WOODY	20		12
Derrick	J. RAMERIZ			12
Floors	R. Melendez			12
Floors	J. Wilson			12
Floors	* Z. SANCHEZ			12

RC - 06576A

A-Plus Well Service - Daily Cost Record

Code	Well Name: <u>BARBARA*1</u>	2 nd Day: <u>Mon</u>	Date: <u>10-8-07</u>
Well Servicing Rig: (circle work type and if Single or Double)		Units	Per Unit Cost
	Rigless Rod Rig Tubing Work Workover Pkg P&A Rig - per hour:		
	\$130 \$238/200 \$250/210 \$266 \$250/210	<u>10</u>	<u>250.00</u> <u>2500.00</u>
	Double Rig Standby Time (Minimum 8 hours per day, M-F), per hour:		\$ 200.00
1.60	Crew Travel Time, to and from location, per hour	<u>2</u>	\$ 110.00 <u>220.00</u>
1.70	Crew Pick-up, per mile to / from location	<u>25 miles</u>	\$ 1.10 <u>27.50</u>
1.80	Extra Floorhand, when required, per hour:		\$ 26.00
1.82	Trainee Floorhand, crew development program, per rig's hour:	<u>10</u>	\$ 16.00 <u>160.00</u>
2.10	Triplex Pump (Truck or skid unit), per day:		\$ 140.00
2.20	If using a Pump Truck, then Mileage when moved:		\$ 3.60
2.30	Cement Pump Charge - plugging, per plug: <u>1" 2" 3</u>	<u>3X</u>	\$ 400.00 <u>1200.00</u>
2.40	Cement Pump Charge - Squeeze job, per event:		\$ 600.00
2.50	ASTM Type III Neat Cement, per sack: <u>261 sacks</u>		\$ 15.00 <u>3915.00</u>
2.60	Cement Drayage: Miles <u>12.2</u> , Tons <u>15</u> , per ton-mile:		\$ 1.20 <u>20.81</u>
2.70	2% Calcium Chloride, \$0.80 per sx; 1% - \$0.40 per sx: <u>61 sacks 2%</u>		<u>48.80</u>
	Other:		
3.20	Cementer / Field Supervisor / Tool Pusher, per day		\$ 550.00 <u>550.00</u>
3.30	Travel for Cementer, Engineer or Field Supervisor, per mile	<u>25</u>	\$ 1.10 <u>27.50</u>
4.10	Wireline Operator on location		\$ 200.00 <u>200.00</u>
4.20	Travel for wireline operator or rigger in pickup, per mile:		\$ 1.10
4.30	Travel for Wireline Unit, to / from location units #29 & #231, per mile:		\$ 2.20
4.32	Travel for Wireline Unit, to / from location, #232 & Unit #133, per mile: <u>25 miles</u>		\$ 3.30 <u>82.50</u>
4.60	Perforate Bi-wire: 7/8", 1-11/16", 2-1/8"; (1 to 4 holes), per event:		\$ 620.00
4.70	Perforate with HSC: 3-1/8" or 4"; (2 to 3 holes), per event: <u>478'</u>		\$ 700.00 <u>700.00</u>
4.74	Depth Charge (gauge ring runs, setting CR or CIBP), per foot		\$ 0.15
Cement Retainers, Bridge Plugs or Other WL Services: (Record Size, Type & Depth)			
7.30	Casing Scraper (4-1/2" & 5-1/2"), per well:		\$ 350.00
7.40	Casing Scraper (7"), per well:		\$ 500.00
	Other:		
Rig Support Items:			
8.40	Water Storage Tank, per day: Number - <u>351</u>		\$ 30.00 <u>30.00</u>
	Flow Back tank \$60/day, Waste Pits; Small-\$30/day, Large \$40/day, Unit # <u>535</u>		<u>40.00</u>
8.72	Stripping Rubber, each: Size -		\$ 150.00
8.80	Pipe Wiper Rubber, each, Size -		\$ 25.00 <u>25.00</u>
8.82	Oil Saver Rubber, each:		\$ 14.50
	Swab Cups, Load King or Sand King, each: Size -		\$ 22.00
	Other Rental Items:		
Backhoe, Kill Truck and Hauling Services:			
9.00	Tandem Rig Up Truck, per hour: Moved - <u>transfer floats</u>	<u>4</u>	\$ 110.00 <u>440.00</u>
9.02	Helper, Swamper or Laborer, per hour	<u>4</u>	\$ 28.00 <u>112.00</u>
9.04	Water Truck (80 bbls, vacuum), per hour: Loads -		\$ 72.00
	Water Purchases: Source: Cost: /load		
	Trailers, per day, GN \$25, Tandem w/o handrails \$30, Tandem w/handrails \$40; Unit # <u>103</u>		<u>40.00</u>
9.20	Backhoe, John Deere 310D, with Operator, per hour:		\$ 70.00
9.22	Welder, per hour (plus mileage at \$1.10/mile)		\$ 1.10
	Other:		
Miscellaneous Items:			
9.24	Gas Monitor, per day: Monitor #		\$ 40.00
9.30	Well Mobilization Charge for P&A work, complete package of services		\$ 800.00
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9.36	Workstring Rental: \$0.26/ft for first 5 days: Size - , Length -		\$ 0.26
9.40	Subsistence, away from headquarters overnight, per man per day:		\$ 120.00
9.50	Portable Toilet rental, per day:		\$ 20.00 <u>20.00</u>
Total Cost This Day without Tax:			<u>10557.11</u>
Prior Cumulative Cost: <u>6997.48</u>		Tax at 7%:	
Total			<u>11297.25</u>
New Cumulative Cost: <u>10295.13</u>			