

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6285

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

| | | | | | | | | | | | | | | | | | |
|---|------------|------|------------|------|-----|-----------------|-----|--|-------|-------|----|-------------|--------|--------|--------|--|--|
| Date | 12-27-14 | Sec. | 07 | Twp. | 27s | Range | 12w | County | Pratt | State | KS | On Location | 4:30pm | Finish | 6:15pm | | |
| Lease | PWSI | | Well No. | | | 1-7 SWD | | Location | | | | | | | | 61 East to Natanna Church, 4 mi. w/nto | |
| Contractor | NIMNIESCAH | | | | | | | Owner | | | | | | | | Tuka Carmi Devel. | |
| Type Job | Conductor | | | | | | | To Quality Well Service, Inc. | | | | | | | | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | |
| Hole Size | 17 1/2 | | T.D. | | | 190' | | Charge To | | | | | | | | Tuka Carmi | |
| Csg. | 13 3/8 | | Depth | | | 178 + 18' 8 1/2 | | Street | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | City | | | | | | | | State | |
| Tool | | | Depth | | | | | City | | | | | | | | State | |
| Cement Left in Csg. | 20' | | Shoe Joint | | | NA | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | |
| Meas Line | | | Displace | | | | | Cement Amount Ordered | | | | | | | | 225 sx class A + 2% gel + | |
| EQUIPMENT | | | | | | | | 3%cc | | | | | | | | | |
| Pumptrk | 8 | No. | Mike B. | | | | | Common | | | | | | | | 225 | |
| Bulktrk | 9 | No. | David B. | | | | | Poz. Mix | | | | | | | | | |
| Bulktrk | | No. | | | | | | Gel. | | | | | | | | 4 | |
| Pickup | | No. | David F. | | | | | Calcium | | | | | | | | 8 | |
| JOB SERVICES & REMARKS | | | | | | | | Hulls | | | | | | | | | |
| Rat Hole | | | | | | | | Salt | | | | | | | | | |
| Mouse Hole | | | | | | | | Flowseal | | | | | | | | 56.25 | |
| Centralizers | | | | | | | | Kol-Seal | | | | | | | | | |
| Baskets | | | | | | | | Mud CLR 48 | | | | | | | | | |
| D/V or Port Collar | | | | | | | | CFL-117 or CD110 CAF 38 | | | | | | | | | |
| Pipe on BHM, Break Circ., Pump Spacer, | | | | | | | | Sand | | | | | | | | | |
| Mix 225 sx cement, Start Disp. w/ | | | | | | | | Handling | | | | | | | | 237 | |
| Fresh H ₂ O, Wash up tank, See increase in | | | | | | | | Mileage | | | | | | | | 10 | |
| PST, Slow Rate, Stop Pump at 26 Bbls, Shut | | | | | | | | FLOAT EQUIPMENT | | | | | | | | | |
| in, Cement Did Circ. | | | | | | | | Guide Shoe | | | | | | | | | |
| | | | | | | | | Centralizer | | | | | | | | | |
| | | | | | | | | Baskets | | | | | | | | | |
| | | | | | | | | AFU Inserts | | | | | | | | | |
| | | | | | | | | Float Shoe | | | | | | | | | |
| | | | | | | | | Latch Down | | | | | | | | | |
| | | | | | | | | LMV 10 | | | | | | | | | |
| | | | | | | | | Service Supervisor | | | | | | | | | |
| | | | | | | | | Pumptrk Charge | | | | | | | | Conductor | |
| | | | | | | | | Mileage | | | | | | | | 10 x 2 | |
| | | | | | | | | | | | | | | | | Tax | |
| | | | | | | | | | | | | | | | | Discount | |
| | | | | | | | | | | | | | | | | Total Charge | |
| X Signature | | | | | | | | Richard A. Carney | | | | | | | | | |

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|--|----------------------------|----------|----------------|---|---|--|----|----------------------|--|--|----|-------------|-------|--------|--------|
| Date | 12-29-14 | Sec. | 7 | Twp. | 27 | Range | 12 | County | Pratt | State | KS | On Location | 12:00 | Finish | 1:30AM |
| Lease | PWST | Well No. | 1-7SWD | | Location 66 Hwy East to Antenna 1/4 N West into | | | | | | | | | | |
| Contractor | | | | | | | | | Owner | | | | | | |
| Type Job | Surface | | | | | | | | To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed. | | | | | | |
| Hole Size | 12 1/4 | | T.D. 698 | | | | | | | | | | | | |
| Csg. | 8 5/8 | | 23 # | | Depth 681+15' | | | Charge To Tuka Carm. | | | | | | | |
| Tbg. Size | Depth | | | | | | | | Street | | | | | | |
| Tool | Depth | | | | | | | | City State | | | | | | |
| Cement Left in Csg. | 20' | | Shoe Joint N/A | | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | |
| Meas Line | Displace 43 1/4 Bbls Fresh | | | Cement Amount Ordered 300 sx 65/35 2% Gel 3% CC | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | 1/4 C.F. 100 sx common 2% gel 3% CC 1/4 C.F. | | | | | |
| Pumptrk | 8 | No. | Mike | | Common 300 | | | | | | | | | | |
| Bulktrk | 9 | No. | Dario | | Poz. Mix 100 | | | | | | | | | | |
| Bulktrk | 10 | No. | | | Gel. 8 | | | | | | | | | | |
| Pickup | | No. | | | Calcium 14 | | | | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | | | Hulls | | | | | |
| Rat Hole | | | | | | | | | Salt | | | | | | |
| Mouse Hole | | | | | | | | | Flowseal 100 | | | | | | |
| Centralizers | | | | | | | | | Kol-Seal | | | | | | |
| Baskets | | | | | | | | | Mud CLR 48 | | | | | | |
| D/V or Port Collar | | | | | | | | | CFL-117 or CD110 CAF 38 | | | | | | |
| Pipe on Btm, Break Circ., Pump Spacer, Mix | | | | | | | | | | Sand | | | | | |
| 300sx lite weight, Mix 100sx tail Cement | | | | | | | | | | Handling 422 | | | | | |
| Stop Release Plug, Start Disp. w/ Fresh | | | | | | | | | | Mileage 10 | | | | | |
| H ₂ O, Slow Rate, See steady increase | | | | | | | | | | FLOAT EQUIPMENT | | | | | |
| in PSI, Slow again, Stop Pump at | | | | | | | | | | Guide Shoe | | | | | |
| 43 1/4 Bbls Total Disp., Shut in, | | | | | | | | | | Centralizer | | | | | |
| Cement Did Circ. | | | | | | | | | | Baskets | | | | | |
| | | | | | | | | | | AFU Inserts | | | | | |
| | | | | | | | | | | Float Shoe | | | | | |
| | | | | | | | | | | Latch Down 18 5/8 wooden plug. | | | | | |
| | | | | | | | | | | 1 MV 10 | | | | | |
| | | | | | | | | | | Service supervisor | | | | | |
| | | | | | | | | | | Pumptrk Charge Surface | | | | | |
| | | | | | | | | | | Mileage 10 X 2 | | | | | |
| | | | | | | | | | | Tax | | | | | |
| | | | | | | | | | | Discount | | | | | |
| | | | | | | | | | | Total Charge | | | | | |
| X Signature <i>Richard B. Brady</i> | | | | | | | | | | | | | | | |

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|---|----------------------------------|----------|-------------------------|----------------------|------------|--|---|---|--------------------|-------|----|-------------|--|--------|--------------------|--------------------|--|--|
| Date | 01-06-15 | Sec. | 7 | Twp. | 27 | Range | 12 | County | Pratt | State | KS | On Location | 800 Am | Finish | 11:30 AM / 5:45 PM | | | |
| Lease | PWSI | Well No. | 1-7 SWD | | Location | | Pratt, KS East to church, 1/8 mi, w/1 to | | | | | | | | | | | |
| Contractor | Ninnescah | | | | | | | Owner | Iuka Carmi. Devel. | | | | | | | | | |
| Type Job | 2 stage Production | | | | | | | To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | | |
| Hole Size | 7 7/8 | | T.D. | | | | | | | | | | | | | | | |
| Csg. | 5 1/2 | #5.5 | Depth | 4468 | | Charge To | Iuka Carmi. | | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | | | | | | | | | | | |
| Tool | | | Depth | | | | | | | | | | | | | | | |
| Cement Left in Csg. | 43' | | Shoe Joint | 43.42 | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | | | | |
| Meas Line | | | Displace | 1st 107 / 2nd 60 1/2 | | Cement Amount Ordered | 1255x Pro C + 5 1/2% gel + 1000 gal Mud sweep + 10 gal KC | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | | 495 sx 65:35% gel + 1000 gal Mud sweep + 10 gal KC | | | | | |
| Pumptrk | 8 | No. | Mike B | | Common | 325 - 1255x Pro C | | | | | | | | | | | | |
| Bulktrk | 9 | No. | David F | | Poz. Mix | 170 | | | | | | | | | | | | |
| Bulktrk | 10 | No. | David B | | Gel. | 21 | | | | | | | | | | | | |
| Pickup | | No. | David F | | Calcium | | | | | | | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | | | | | | Hulls | | | | | |
| Rat Hole | 30sx | | Salt | | 12 | | | | | | | | | | | | | |
| Mouse Hole | 20sx | | Flowseal | | | | | | | | | | | | | | | |
| Centralizers | 10 ON 1-4-6-10-19-21-23-44-47-68 | | Kol-Seal | | 625 | | | | | | | | | | | | | |
| Baskets | 3 - ON 19-44-68 | | Mud CLR 48 | | 1000 gal | | | | | | | | | | | | | |
| D/V or Port Collar | set @ 2514 | | CFL-117 or CD110 CAF 38 | | 10 gal CC1 | | | | | | | | | | | | | |
| Pipes on Btm, Break Circ, Drop tool Ball, open at 1200', circ. 1 hour, Pump Pre flush, Plug Ret & Mouse hole w/ 50sx cement, Pump 175sx cement weight Pump 125sx tail cement, stop-wash truck, Plug latch down Plug, start Disp. w/ 2% KCl water at 45 BBl. See title to mud, see increase in PSI at 68 BBl. See lift, slow rate, slow rate again, Bump Plug at 92 BBl. total mud = 107 BBl. total & 1500# to 2200'. Release PSI, Float Did Hold, Drop OP tool, Press up to 1100' opened & circulated, 4 hrs install Closing Plug, Pump Pre flush, Mix 320 sx lite Weight Cement, Stop-wash truck, Release Plug, start Disp. w/ 2% KCl water, See lift at 25 BBl, Slow rate, Bump Plug at 60 1/2 BBl. at 600' to 1400', Release PSI, Float Did Hold. Cement Did not Circ. | | | | | | | | | | | | | Sand | | | | | |
| | | | | | | | | | | | | | Handling | | | 653 | | |
| | | | | | | | | | | | | | Mileage | | | 10 | | |
| FLOAT EQUIPMENT (5 1/2") | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Guide Shoe - Type A Packer Shoe - | | | | | |
| | | | | | | | | | | | | | Centralizer | | | 105 turbo 5 | | |
| | | | | | | | | | | | | | Baskets | | | 3 | | |
| | | | | | | | | | | | | | AFU Inserts | | | | | |
| | | | | | | | | | | | | | Float Shoe | | | | | |
| | | | | | | | | | | | | | Latch Down | | | Service Supervisor | | |
| | | | | | | | | | | | | | DV tool Assy. - | | | | | |
| | | | | | | | | | | | | | LMV | | | 10 | | |
| | | | | | | | | | | | | | Pumptrk Charge | | | 2 Stage | | |
| | | | | | | | | | | | | | Mileage | | | 10 x 2 | | |
| | | | | | | | | | | | | | Tax | | | | | |
| | | | | | | | | | | | | | Discount | | | | | |
| | | | | | | | | | | | | | Total Charge | | | | | |
| X Signature | Robert P. Brady | | | | | | | | | | | | | | | | | |