

CEMENT JOB REPORT



| | | | | | |
|---|----------|---|---|--------------------------------------|----------------|
| CUSTOMER ENCANA OIL & GAS (USA) INC | | DATE 25-OCT-12 | F.R. # 1001943721 | SERV. SUPV. RYAN SULLIVAN | |
| LEASE & WELL NAME DOWDY #41-10 - API 05123360460000 | | LOCATION 10-2N-65W | | COUNTY-PARISH-BLOCK Weld Colorado | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # ENSIGN 122 | | TYPE OF JOB Surface | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | |
| Cement Plug, Rubber, Top 8-5/8 in | | Alum Baffle Plate, Slip On, 8-5/8 | | | |
| | | Cement Basket, Slip On, 8-5/8 in | | | |
| | | Centralizer, with Pins, 8-5/8 in | | | |
| | | Guide Shoe, Cement Nose, 8-5/8 in | | | |
| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | | PHYSICAL SLURRY PROPERTIES | |
| Fresh Water | | N/A | | SACKS OF CEMENT | SLURRY WGT PPG |
| Fresh Water + Dye | | N/A | | 0 | 8.34 |
| Type III + 1.5% CaCl ₂ + 15% CF | | | | 0 | 8.34 |
| Fresh Water | | N/A | | 350 | 14.5 |
| | | | | 1.41 | 6.82 |
| | | | | 0 | 00:00 |
| | | | | 0 | 00:00 |
| | | | | 0 | 00:00 |
| Available Mix Water 150 Bbl. | | Available Displ. Fluid 150 Bbl. | | TOTAL 173.8 56.99 | |
| HOLE | | TBG-CSG-D.P. | | COLLAR DEPTHS | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. |
| 12.25 | 40 | 930 | 8.097 | 8.625 | 24 |
| | | CSG | | MD | TVD |
| | | | | 920 | 920 |
| | | | | J-55 | GRADE |
| | | | | 920 | SHOE |
| | | | | 877 | STAGE |
| | | | | 0 | |
| LAST CASING | | PKR-CMT RET-BR PL-LINER | | PERF. DEPTH | |
| ID | OD | WGT | TYPE | MD | TVD |
| | | | BRAND & TYPE | DEPTH | TOP |
| | | | No packer | 0 | BTM |
| | | | | 8.625 | SIZE |
| | | | | 8RD | THREAD |
| | | | | | TYPE |
| | | | | | WGT. |
| | | | | | 9 |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | |
| VOLUME | UOM | TYPE | WGT. | BUMP PLUG | TO REV. |
| 55.9 | BBLs | Fresh Water | 8.34 | 278 | 0 |
| | | | | SQ. PSI | RATED |
| | | | | 0 | Operator |
| | | | | 0 | MAX TBG PSI |
| | | | | 0 | MAX CSG PSI |
| | | | | 2360 | Operator |
| | | | | 1000 | MIX WATER |
| | | | | | Rig |
| Circulation Prior to Job | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | Circulation Time: 1 | | |
| Mud Density In: 9 LBS/GAL | | | Mud Density Out: 9 LBS/GAL | | |
| PV & YP Mud In: 0 | | | PV & YP Mud Out: 0 | | |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | |
| Displacement And Mud Removal | | | | | |
| Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/> | | | Amount Bled Back After Job: .1 BBLs | | |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL | | | Method Used to Verify Returns: Visually | | |
| Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | | Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE | | | Quantity: 6 | | |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID | | |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD | | | | | |
| Plugs | | | | | |
| Number of Attempts by BJ: 0 | | | Competition: 0 | | |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | |
| | | | Top of Plug: 0 FT | | |
| | | | Bottom of Plug: 0 FT | | |
| Squeezes (Update Original Treatment Report for Primary Job) | | | | | |
| BLOCK SQUEEZE <input type="checkbox"/> | | | SHOE SQUEEZE <input type="checkbox"/> | | |
| TOP OF LINER SQUEEZE <input type="checkbox"/> | | | PLANNED <input type="checkbox"/> | | |
| UNPLANNED <input type="checkbox"/> | | | | | |
| Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | |
| | | | PSI Applied: 0 | | |
| | | | Fluid Weight: 0 LBS/GAL | | |
| Casing Test (Update Original Treatment Report for Primary Job) | | | | | |
| Casing Test Pressure: 0 PSI | | | With 0 LBS/GAL Mud | | |
| | | | Time Held: 00 Hours 00 Minutes | | |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None | | | | | |

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | |
|----------------------|----------------|---------|-------------|----------------------|---------------|--|---|
| TIME HR:MIN. | PRESSURE - PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES | 2636 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 06:30 | 0 | 0 | 0 | 0 | N/A | Arrive on location, 21 miles, rig still running casing | |
| 07:10 | 0 | 0 | 0 | 0 | N/A | Spot trucks on location, pre-rig up safety meeting | |
| 08:15 | 0 | 0 | 0 | 0 | N/A | Pre-job safety meeting | |
| 08:40 | 902 | 0 | 0 | 0 | WATER | Low pressure test | |
| 08:42 | 2636 | 0 | 0 | 0 | WATER | High pressure test | |
| 08:44 | 195 | 0 | 4.8 | 20 | WATER | Freshwater spacer | |
| 08:49 | 187 | 0 | 4.8 | 10 | WATER | Dyed water spacer | |
| 08:52 | 92 | 0 | 2.4 | 85 | CEMENT | Batch-up, weigh, & pump 350 sx of Type III cement + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg | |
| 09:22 | 0 | 0 | 0 | 0 | N/A | Release plug | |
| 09:26 | 360 | 0 | 4.8 | 42 | CLAYCARE | Displace | |
| 09:35 | 268 | 0 | 2.4 | 4 | CLAYCARE | Rate change | |
| 09:37 | 0 | 0 | 0 | 0 | N/A | Shut-down so rig crew can redirect returns | |
| 09:38 | 310 | 0 | 2.4 | 10.1 | CLAYCARE | Rate change | |
| 09:42 | 335 | 0 | 2.4 | 56.1 | CLAYCARE | Bump plug to 633 psi, 7 bbls cement to surface | |
| 09:45 | 224 | 0 | 0 | 0 | N/A | Shut-in head w/ 224 psi | |
| 09:50 | 0 | 0 | 0 | 0 | N/A | Pre-rig down safety meeting | |
| 10:30 | 0 | 0 | 0 | 0 | N/A | Leave location | |

| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | BBL.CMT RETURNS/ REVERSED | TOTAL BBL. PUMPED | PSI LEFT ON CSG | SPOT TOP OUT CEMENT | Service Supervisor Signature: |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|-------------------------------|
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 335 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 7 | 171.1 | 224 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | |

(X)

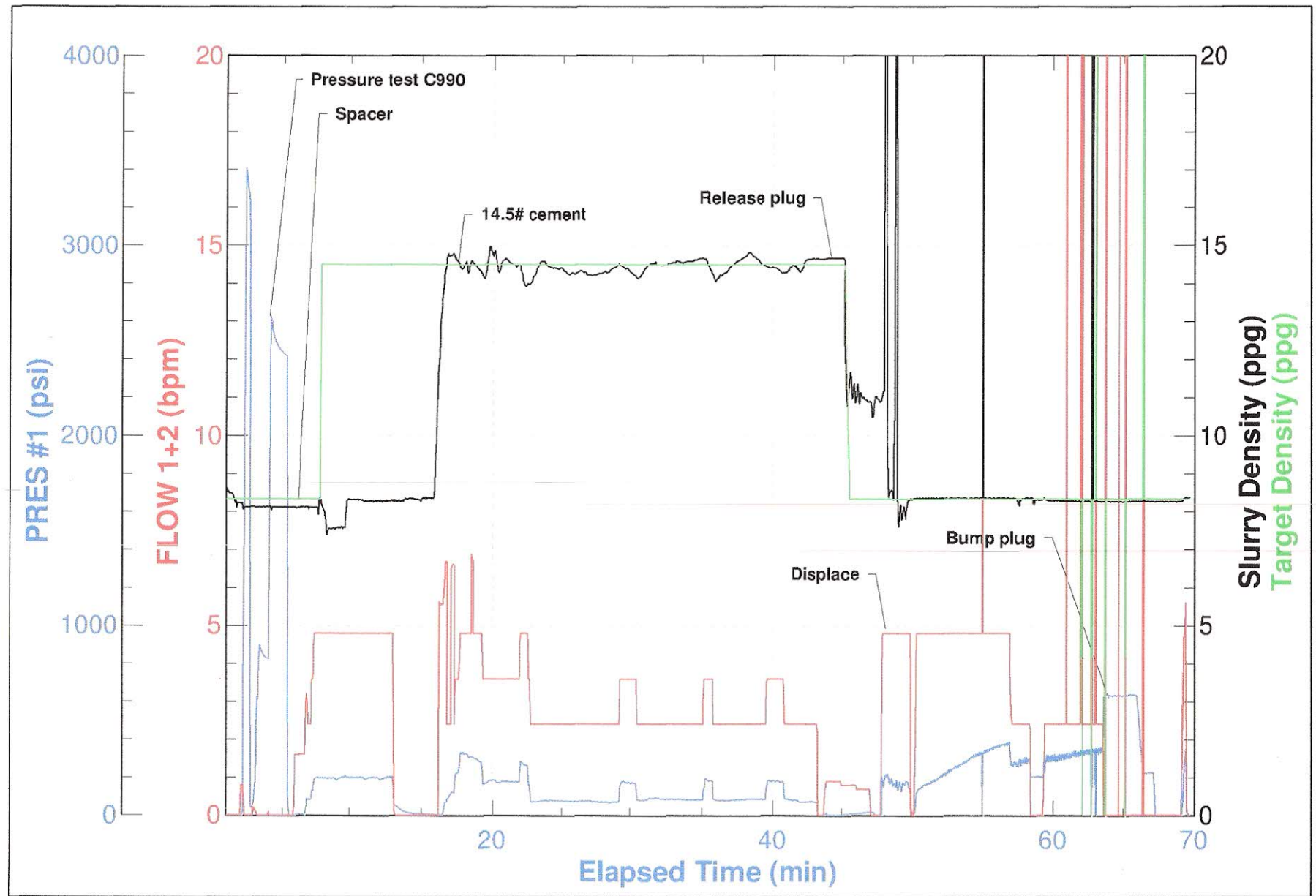


BJ Services JobMaster Program Version 3.50

Job Number: 1001943721

Customer: encana

Well Name: Dowdy #41-10





FIELD RECEIPT NO. 1001943721

| CUSTOMER ENCANA OIL & GAS (USA) INC - X | | CREDIT APPROVAL NO. | | PURCHASE ORDER NO. | | CUSTOMER NUMBER 20023075 - 00201580 | | INVOICE NUMBER | |
|---|----------------------------------|-------------------------------------|----------|--|--------------|--|------------|----------------|----------|
| MAIL INVOICE TO : 370 17TH ST, STE 1700 US BANK TOWER | | CITY DENVER | | STATE Colorado | | ZIP CODE 80202 | | | |
| DATE WORK COMPLETED MO. DAY YEAR 10 25 2012 | | BHI REPRESENTATIVE RYAN SULLIVAN | | WELL API NO: 05123360460000 | | WELL TYPE : New Well | | | |
| DISTRICT BJS, BRIGHTON | | | | JOB DEPTH(ft) 920 | | WELL CLASS : Gas | | | |
| WELL NAME AND NUMBER DOWDY #41-10 | | TD WELL DEPTH(ft) 930 | | GAS USED ON JOB : No Gas | | | | | |
| WELL LOCATION : 10-2N-65W | | COUNTY/PARISH Weld | | STATE Colorado | | JOB TYPE CODE : Surface | | | |
| PRODUCT CODE | DESCRIPTION | UNIT OF MEASURE | QUANTITY | LIST PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT | | |
| 100112 | Calcium Chloride | lbs | 494 | 1.440 | 711.36 | 55% | 320.11 | | |
| 100295 | Cello Flake | lbs | 53 | 4.570 | 242.21 | 55% | 108.99 | | |
| 424509 | FP-13L | gals | 3 | 168.000 | 504.00 | 55% | 226.80 | | |
| 499632 | Granulated Sugar | lbs | 50 | 3.290 | 164.50 | 55% | 74.03 | | |
| 499680 | Static Free | lbs | 28 | 35.800 | 1,002.40 | 55% | 451.08 | | |
| 499703 | Type III Cement | sacks | 350 | 26.900 | 9,415.00 | 55% | 4,236.75 | | |
| SUB-TOTAL FOR Product Material | | | | | | | 12,039.47 | 55.00% | 5,417.76 |
| A152 | Personnel Surcharge - Cement Svc | ea | 1 | 152.000 | 152.00 | 0% | 152.00 | | |
| M100 | Bulk Materials Blending Charge | cu ft | 364 | 3.930 | 1,430.52 | 55% | 643.73 | | |
| SUB-TOTAL FOR Service Charges | | | | | | | 1,582.52 | 49.72% | 795.73 |
| ARRIVE LOCATION : MO. DAY YEAR 10 25 2012 | | TIME 06:30 | | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | | | | |
| CUSTOMER REP. Roy Hunt | | CUSTOMER AUTHORIZED AGENT | | X BHI APPROVED Gue Hark | | | | | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | CUSTOMER AUTHORIZED AGENT | | | | | | | |



FIELD RECEIPT NO. 1001943721

| | | | | | | | | | | | |
|---|--|---|-----------|---------------------|-------------------------------------|---|--------------------------------|--|----------------------------|---|---------------|
| CUSTOMER ENCANA OIL & GAS (USA) INC - X | | | | CREDIT APPROVAL NO. | | PURCHASE ORDER NO. | | CUSTOMER NUMBER 20023075 - 00201580 | | INVOICE NUMBER | |
| MAIL INVOICE TO : STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER | | | | CITY DENVER | | STATE Colorado | | ZIP CODE 80202 | | | |
| DATE WORK COMPLETED | | MO. 10 | DAY 25 | YEAR 2012 | BHI REPRESENTATIVE RYAN SULLIVAN | | WELL API NO: 05123360460000 | | WELL TYPE : New Well | | |
| DISTRICT BJS, BRIGHTON | | | | | JOB DEPTH(ft) 920 | | WELL CLASS : Gas | | | | |
| WELL NAME AND NUMBER DOWDY #41-10 | | | | | TD WELL DEPTH(ft) 930 | | GAS USED ON JOB : No Gas | | | | |
| WELL LOCATION : | | LEGAL DESCRIPTION 10-2N-65W | | | COUNTY/PARISH Weld | | STATE Colorado | | JOB TYPE CODE : Surface | | |
| PRODUCT CODE | | DESCRIPTION | | | | UNIT OF MEASURE | QUANTITY | LIST PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT |
| F003A | | Cement Pumping, 0 - 1000 ft | | | | 4hrs | 1 | 3,250.000 | 3,250.00 | 55% | 1,462.50 |
| F090 | | Fuel per pump charge - cement | | | | pump/hr | 2 | 57.500 | 115.00 | 0% | 115.00 |
| J050 | | Cement Head | | | | job | 1 | 595.000 | 595.00 | 55% | 267.75 |
| J225 | | Data Acquisition, Cement, Standard | | | | job | 1 | 1,540.000 | 1,540.00 | 55% | 693.00 |
| J390 | | Mileage, Heavy Vehicle | | | | miles | 42 | 8.550 | 359.10 | 55% | 161.60 |
| J391 | | Mileage, Auto, Pick-Up or Treating Van | | | | miles | 42 | 4.830 | 202.86 | 55% | 91.29 |
| | | SUB-TOTAL FOR Equipment | | | | | | | 6,061.96 | 53.96% | 2,791.14 |
| J401 | | EnCan Oil & Gas, (USA) Inc | | | | ton-mi | 353 | 2.850 | 1,006.05 | 55% | 452.72 |
| | | DJ/Paradox SUB-TOTAL FOR Freight/Delivery Charges | | | | | | | 1,006.05 | 55.00% | 452.72 |
| | | AFE/CC: 12164020 | | | | | | | | | |
| | | Major: 8715 | | | | | | | | | |
| | | Minor: 618 | | | | | | | | | |
| | | FIELD ESTIMATE | | | | | | | 20,690.00 | 54.29% | 9,457.35 |
| | | | | | | | | | | | |
| ARRIVE LOCATION : | | MO. 10 | DAY 25 | YEAR 2012 | TIME 06:30 | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | | | SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. | |
| CUSTOMER REP. Roy Hunt | | | | | | | | | | CUSTOMER AUTHORIZED AGENT | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | | | | | | | | | BHI APPROVED | |
| | | | | | | CUSTOMER AUTHORIZED AGENT | | | | | |