

C&J ENERGY SERVICES	CASEDHOLE SOLUTIONS			
Rev.042519 A		CUSTOMER P.O. NUMBER	Ticket No. (SO)	PAGE
		F- 3946	1 of 1	
Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.			DATE 11/22/2019	
To CASED HOLE SOLUTIONS, INC. You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:				
SERVICE(S) AND/OR EQUIPMENT REQUESTED				
CUSTOMER COMPANY ANADARKO PETROLEUM CORP				
FURNISHED LEASE ROBERTS		WELL NUMBER	32-22	
LEASE/WELL LEGAL & LOCATION 0				
INFORMATION FIELD WATTENBERG		PARISH/COUNTY	WELD	STATE CO
THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASED HOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE.				
IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE ( ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.				
CUSTOMER NAME ANADARKO PETROLEUM CORP				
INVOICE MAILING ADDRESS		CITY	STATE	ZIP CODE
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE				
X	Thank you for using Cashedhole Solutions!!		Total runs, all pages	3
THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASED HOLE SOLUTIONS, INC. ACCOUNTING				
UNIT NUMBER 200054	OPERATION TYPE	WELL TYPE	ROUND TRIP MILEAGE	
TRIP	HOISTING TYPE			
WIREFRAME DEPTH		MAX. WELLHEAD PRESSURE PSI	BOTTOM HOLE PRESSURE	PSI
DISC NO.	PERF. INTERVAL	PLOG DEPTH	OPERATION	ITEM QUAN.
1	A - CIBP @ 7000' (CIBP included 10K) 4 1/2" x 5 1/2"			each 1
	A - Dump Bailer (2 SX'S Cement)			each 1
	CIBP @ 7000' (CIBP included 10K) 4 1/2" x 5 1/2"			each 1
	4 1/2 CIBP @ 7680'			
	2 sx cem on CIBP			
	4 1/2 CIBP @ 7100'			
JOSEPH GUSTAFSON USER ID: RFX842				
WBSA/VOL				
G/L ACCT: 80012230				
STANDARD PRICING				
Runs for this job - 3		TOTAL OF BOOK PRICE		
		TOTAL DISCOUNT		
		TOTAL DISCOUNT PERCENTAGE		
ESTIMATED TOTAL CHARGE PAGE 1				
NO				
The Service(s) And/or Equipment Covered By This Service Order Have Been Performed Or Received As Set forth Above				
Signature Of Customer Or Authorized Representative X [Handwritten Signature] 11-22-19 Taux Deal		Log RECEIVED AT WELL	Cust. Initials	Signature Of Case D Hole Solutions Engineer Frank Adam Sage
SIZES WEIGHT TYPE FROM TO	PERM. DEPTH DATUM LOG MEAS. FROM WHICH IS ABOVE PERM DATUM D.F. G.L.	ELEV.	G.E.V.K.B.	
Casing 1	Fluid Type Fluid Weight Fluid Level	ft	feet	REMARKS
Casing 2				District doing job: Fort Lupton, CO
Tubing				Line of Business: Workover
Liner				Type of Job: Vertical P and A
Drill Pipe				Class: Vert. Domestic
CASED HOLE ENGINEER NAMES Frank Adam Sage Crew 1 Crew 2 Crew 3 Crew 4 Crew 5 Crew 6	WORK WITNESSED BY NAME Taux Deal			District job is in: Fort Lupton, CO
				A/E#:
				Engineer: Frank Adam Sage
				M/S#:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
1	MATERIAL USAGE FORM														Fort Lupton, CO	13	3030	200054	
2	Date:	11/22/2019	Company:	ANADARKO PETROLEUM CORP															
3	SO#	F- 3946	Lease:	ROBERTS 32-22															
4	TYPE OF MATERIAL USED										QUANTITY USED				SAP Legacy Material Number				
5	SETTING TOOL EQUIPMENT: power charges and ignitors.																		
6	PC.10.S ---- #10 STANDARD POWER CHARGE										2			10004689	PC.10.S				
7	PC.1500.SHORTY ---- 1 1/2"-1 11/16" Shorty Power Charge													10004687	PC.1500.SHORTY				
8	PC.3625.COMPACT ---- 3 5/8 COMPACT POWER CHARGE													10004704	PC.3625.COMPACT				
9																			
10																			
11	PLUGS and PATCHES:										QUANTITY USED								
12	PLUG.CW.3593002 ---- 3.593 OD BRIDGE PLUG										2			10004152	PLUG.CW.3593002				
13																			
14																			
15																			
16	GUNS: please list gun size, ported, slick, tag, Ultra II, or HSC, footage (quantity), spf, phasing																		
17	Size and Type										SPF, Phasing, Length	QUANTITY USED							
18	GUN.31.020.06.060 ---- 3 1/8" x 2' 6/60													CJ0076022	GUN.31.020.06.060				
19	GUN.31.030.06.060 ---- 3 1/8" x 3' 6/60													CJ0088109	GUN.31.030.06.060				
20	GUN.31.050.06.060 ---- 3 1/8" X 5' 6/60													10004751	GUN.31.050.06.060				
21	GUN.15.010.04.000 ---- 1 9/16" x 1' 4/0													10004740	GUN.15.010.04.000				
22	GUN.15.020.04.000 ---- 1-9/16" x 2' 4/0													10004741	GUN.15.020.04.000				
23																			
24																			
25																			
26																			
27																			
28	CHARGES: please list charge number, HMX or RDX, type, quantity, gram										QUANTITY USED								
29	CHG.O.TAG3375301 ---- 3-3/8" TAG BH RDX													10004798	CHG.O.TAG3375301				
30	CHG.O.TAG3375311L ---- 3 3/8" DP RDX 19G TAG													10004828	CHG.O.TAG3375311L				
31																			
32	PRIMA CORD: list footage (quantity) and whether 80 or 40 gram, RDX or HMX										QUANTITY USED								
33	DETCORD.80.PETN ---- 80 GRAIN PETN WP (DETOTEC)													10004249	DETCORD.80.PETN				
34	DETCORD.80.RDX ---- FIRELINE 17/80 RDX NYLON (500 FEET)													10004222	DETCORD.80.RDX				
35	CAPS AND DETONATORS: list name cap or detonator and quantity										QUANTITY USED								
36	IGNIT.GOSTYLE ---- Legacy Ignitor										2			10004635	IGNIT.GOSTYLE				
37	DETO.O.321 ---- Owen Det 321													10004220	DETO.O.321				
38	DT-0325-140S ---- Legacy Cutter Cap														DT-0325-140S				
39	JET CUTTERS, SEVERING TOOLS: list size and quantity										QUANTITY USED								
40	SHOCSUB.CUT0100078 ---- Shock Sub Ext.-Casing Cutter JRC													10004119	SHOCSUB.CUT0100078				
41	JETCUT.3625 ---- 3 5/8" CSG Cutter													10004082	JETCUT.3625				
42	RADIAL TORCH and TORCH PERFORATORS: list size and quantity										QUANTITY USED								
43																			
44																			
45	CHEMICAL CUTTERS: list size and quantity										QUANTITY USED								
46																			
47																			
48	SELECT FIRE SWITCHES:										QUANTITY USED								
49																			
50																			
51																			
52																			
53	Free Form Materials (things not in the dropdowns)										QUANTITY USED								
54																			
55																			
56																			
57																			
58																			
59																			