

CASEHOLE SOLUTIONS



Rev.042519 A	CUSTOMER P. O. NUMBER	Ticket No. (SO)	PAGE
* 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.		F-3946	1 of 1
To CASEHOLE SOLUTIONS, INC. You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:			DATE
			11/22/2019

SERVICE(S) AND/OR EQUIPMENT REQUESTED
API DS12323836 80651 07617

CUSTOMER	COMPANY	ANADARKO PETROLEUM CORP		
FURNISHED	LEASE	ROBERTS	WELL NUMBER	32-22
LEASE/WELL	LEGAL & LOCATION	0	STATE	CO
INFORMATION	FIELD	WATTENBERG	PARISH/COUNTY	WELD

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 CASEHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE. IN CONSIDERATION OF THE PRICES AS 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 RESPONSIBILITIES HEREIN ASSUMED BY US. 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 Casedhole Solutions!! Total runs, all pages: 3

THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER: 200054 OPERATION TYPE: _____ WELL TYPE: _____ ROUND TRIP MILEAGE: _____

TRIP: _____ HOISTING TYPE: _____

Desc NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE		DISC PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
						PSI	PSI						
1			A - CIBP @ 700' (CIBP included 10K) 4 1/2" & 5 1/2"	each	1					Plug			
			A - Dump Bailer (2 SXS Cement)	each	1					Perf			
			CIBP @ 700' (CIBP included 10K) 4 1/2" & 5 1/2"	each	1								
	4 1/2 CIBP @ 7680'												
	2 sx cem on CIBP												
	4 1/2 CIBP @ 7100'												

JOSH GUSTAFSON
 USER ID: J1X842

WBS/NO: _____

G/L ACCT: 80012230

STANDARD PRICING	TOTAL OF BOOK PRICE	NO. DESC	NO. SHOTS FIRED	NO. SEL SWITCHES	SEL SW FAILURE
Runs for this job - 3	TOTAL DISCOUNT	1	0	0	0
<i>[Signature]</i>	TOTAL DISCOUNT PERCENTAGE	RES. EQ. USE	% H2S/ACID	PHASE	SPF
		10K	0	0	0
ESTIMATED TOTAL CHARGE PAGE 1		Was catering provided by Casedhole Solutions? 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: *[Signature]* 11-22-19
 LOGS RECEIVED AT WELL: Traux Deal
 CUST. INITIALS: _____
 SIGNATURE OF CASEHOLE SOLUTIONS ENGINEER: *[Signature]* Frank, Adam Sage

SIZE	WEIGHT	TYPE	FROM	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV. K.B.
		Casing 1			LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F. G.L.
		Casing 2			Fluid Type	Fluid Weight	Fluid Level	REMARKS
		Tubing			lbs/gal	feet	District doing job:	Fort Lupton, CO
		Liner			Bottom Hole Temperature	Degrees F	Line of Business:	Workover
		Drill Pipe					Type of Job:	Vertical P and A
CASEHOLE ENGINEER NAMES			WORK WITNESSED BY NAME			Class: Vert. Domestic		
Frank, Adam Sage			Traux Deal			District job is in: Fort Lupton, CO		
Crew 1						AFE#:		
Crew 2						Engineer: Frank, Adam Sage		
Crew 3						MSA#:		
Crew 4								
Crew 5								
Crew 6								

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O			
MATERIAL USAGE FORM										Fort Lupton, CO					13	3030	200054
1	Date:	11/22/2019	Company:	ANADARKO PETROLEUM CORP													
2	SO#	F- 3946	Lease:	ROBERTS 32-22													
3	TYPE OF MATERIAL USED										QUANTITY USED				SAP Legacy Material Number		
4	SETTING TOOL EQUIPMENT: power charges and ignitors.																
5	PC.10.S ---- #10 STANDARD POWER CHARGE										2			10004689	PC.10.S		
6	PC.1500.SHORTY ---- 1 1/2"-1 11/16" Shorty Power Charge													10004687	PC.1500.SHORTY		
7	PC.3625.COMPACT ---- 3 5/8 COMPACT POWER CHARGE													10004704	PC.3625.COMPACT		
8																	
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																	