

DRILLING SUBS					
GROUP 1 - RIGHT HAND BIT SUBS					
Q	LENGTH(inch)	ID(INGH)	OD (INCH)	DRSCRIPTION	Q
10	20	3	10	BOX 7 5/8 REG x BOX7 5/8 REG	1
10	20	3	9	BOX 7 5/8 REG x BOX7 5/8 REG	2
10	20	3	9	BOX 6 5/8 REG x BOX7 5/8 REG	3
10	20	2 1/2	8	BOX 6 5/8 REG x BOX6 5/8 REG	4
10	20	2 13/16	6 1/2	BOX 4 1/2 REG x BOX4 1/2 IF	5
10	20	2 1/4	6 1/2	BOX 4 1/2 REG x BOX4 IF	6
10	20	2 1/4	6 1/2	BOX 4 1/2 REG x BOX4 1/2 H90	7
10	20	1 3/4	4 3/4	BOX 3 1/2 REG x BOX3 1/2 IF	8
10	20	1 3/4	4 3/4	BOX 3 1/2 REG x BOX3 1/2 NC38	9
10	20	1 1/2	3 1/2	BOX 2 3/8 REG x BOX2 3/8 IF	10
10	20	1 1/2	4 1/2	BOX 3 1/2 REG x BOX2 7/8 IF	11
5	20	1 1/2	4 1/2	BOX 2 7/8 REG x BOX2 7/8 IF	12
GROUP 2 - RIGHT HAND STRAIGHT SUBS					
5	20	3	10	PIN 7 5/8 REG x PIN7 5/8 REG	13
5	20	3	9	PIN 7 5/8 REG x BOX7 5/8 REG	14
5	20	3	9	PIN 7 5/8 REG x PIN7 5/8 REG	15
5	20	3	9	PIN 6 5/8 REG x PIN6 5/8 REG	16
5	20	3	10	PIN 7 5/8 REG x BOX6 5/8 REG	17
5	20	3	9	PIN 7 5/8 REG x BOX6 5/8 REG	18
5	20	3	10	PIN 6 5/8 REG x PIN7 5/8 REG	19
5	20	3	9	PIN 6 5/8 REG x PIN7 5/8 REG	20
5	20	2 1/2	9	PIN 6 5/8 REG x PIN7 5/8 REG	21
5	20	2 1/2	9	PIN 7 5/8 REG x BOX6 5/8 REG	22
5	20	2 13/16	9	PIN 7 5/8 REG x BOX4 1/2 IF	23
5	20	2 13/16	10	PIN 7 5/8 REG x BOX4 1/2 IF	24
5	20	2 13/16	9	PIN 6 5/8 REG xBOX 6 5/8 REG	25
5	20	2 13/16	8	PIN 6 5/8 REG xBOX 4 1/2 IF	26
5	20	2 1/2	8	PIN 6 5/8 REG xBOX 4 1/2 IF	27
5	20	2 1/2	7 3/8	BOX 4 IF x PIN6 5/8 REG	28
5	20	2 1/2	7 3/8	PIN 5 1/2 FH x PIN6 5/8 REG	29
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 4 1/2 REG	30
5	20	2 1/4	6 1/2	PIN 4 1/2 REGxBOX 4 1/2 IF	31
5	20	2 1/4	6 1/2	PIN 4 1/2 REGxBOX 4 IF	32
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 4 1/2 IF	33
5	20	3	7 3/8	PIN 4 1/2 IFxBOX 4 1/2 IF	34
5	20	2 1/4	7 3/8	PIN 4 1/2 IFxBOX 5 1/2 FH	35
5	20	2 1/2	7 3/8	PIN 5 1/2 FH x PIN4 1/2IF	36
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 4 IF	37
5	20	2 1/4	6 1/2	PIN 4 IFxBOX 4 1/2 IF	38
5	20	3	9	PIN 4 1/2 IFxBOX 7 5/8 REG	39
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 4 1/2 FH	40
5	20	2 1/4	6 1/2	PIN 4 1/2FHxBOX 4 1/2 IF	41
5	20	2 1/2	7 3/8	PIN 4 1/2 IFxBOX 6 5/8 REG	42
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 3 1/2 IF	43
5	20	2 1/4	6 1/2	PIN 3 1/2 IFxBOX 4 1/2 IF	44
5	20	2 1/4	6 1/2	PIN 4 IFxBOX 3 1/2 IF	45
5	20	2 1/4	4 3/4	PIN 3 1/2 REGxBOX 3 1/2 IF	46
5	20	2 1/4	4 3/4	PIN 3 1/2 IFxBOX 3 1/2 REG	47
5	20	2 1/4	6 1/2	PIN 4 IFxBOX 3 1/2 FH	48
5	20	2 1/4	6 1/2	PIN 4 1/2 IFxBOX 3 1/2 FH	49
5	20	2 1/4	6 1/2	PIN 3 1/2FHxBOX 4 1/2 IF	50
5	20	2 1/4	6 1/2	PIN 3 1/2FHxBOX 4 IF	51
5	20	2	4 3/4	PIN 3 1/2 IFxBOX 3 1/2 FH	52
5	20	2	4 3/4	PIN 3 1/2FHxBOX 3 1/2 IF	53
5	20	2	4 3/4	PIN 3 1/2 NC38xBOX 3 1/2 IF	54
5	20	2	4 3/4	PIN 3 1/2 IFxBOX 3 1/2 NC38	55
5	20	1 5/8	4 3/4	PIN 3 1/2 IFxBOX 2 7/8 IF	56
5	20	1 5/8	4 3/4	PIN 2 7/8 IFxBOX 3 1/2 IF	57
5	20	2 1/4	4 3/4	PIN 3 1/2 IFxBOX 3 1/2 IF	58
5	20	1 5/8	4 3/4	PIN 3 1/2 IFxBOX 2 3/8 IF	59
5	20	1 5/8	4 3/4	PIN 2 3/8 IFxBOX 3 1/2 IF	60
5	20	1 5/8	4 1/8	PIN 2 3/8 IFxBOX 2 7/8 IF	61
5	20	1 5/8	4	PIN 2 7/8 IFxBOX 2 3/8 IF	62

5	20	1 5/8	3 1/2	PIN 2 3/8 IF×BOX 2 3/8 IF	63
5	20	2 1/4	4 3/4	PIN 3 1/2 NU anceat×BOX 3 1/2 IF	64
5	20	3	6 1/2	PIN3 1/2 NU anceat×BOX 4 1/2 IF	65
5	20	3	6 1/2	PIN3 1/2 EUEupceat×BOX 4 1/2 IF	66
5	20	2 1/4	4 3/4	PIN3 1/2 EUEupceat×BOX 3 1/2 IF	67
5	20	3	6 1/2	PIN 4 1/2 IF×BOX 4 1/2 vam top	68
5	20	3	5	PIN 4 1/2 vam top ×BOX 3 1/2 IF	69
5	20	1 3/4	4 3/4	PIN3 1/2 VAM top×BOX 3 1/2 IF	70
5	20	3	4 3/4	PIN 4 1/2 B G T2×BOX 3 1/2 IF	71
5	20	3	4 3/4	PIN 3 1/2 IF×BOX 4 1/2 B G T2	72
5	20	3	4 3/4	PIN3 1/2 VAM top×BOX 3 1/2 IF	73
5	20	2	4 3/4	PIN 2 3/8 EUE upceat×BOX 3 1/2 IF	74
5	20	2	4 3/4	PIN 2 3/8 B G T2×BOX 3 1/2 IF	75
GROUP 3 - RIGHT - LEFT HANG SUB					
5	20	3	9	PIN 6 5/8 REG(L) × PIN6 5/8 REG(L)	1
5	20	2 1/2	8	BOX 6 5/8 REG® × PIN4 1/2 IF(L)	2
5	20	3	9	BOX 7 5/8 REG® × PIN4 1/2 IF(L)	3
5	20	2 1/4	6 1/2	PIN 4 1/2 IF (L)×BOX 4 1/2 IF®	4
5	20	2	4 3/4	PIN 3 1/2 IF (L)×BOX 3 1/2 IF®	5
GROUP 4 - SHORT DRILL PIPE					
Q	LENGTH(M)			DRSCRIPTION	
3	1	PIN 4 1/2 IF× BOX 4 1/2 IF		DRILL PIPE 5" , S135	1
3	2				
3	3				
3	4				
3	5				
3	6				
3	1	PIN 3 1/2 IF×BOX3 1/2 IF		DRILL PIPE 3 1/2" , S135	2
3	2				
3	3				
3	4				
3	5				
3	6				

REMARKES

- 1- Right hand thread sube made from AISI4145 H modified alloy steel
- 2 - Fully heat treated inspection by ultra sonic all machined and finished acc to API standareds
- 3- Valid API -7-1 certificate should be enclosed with the offer
- 4 - Phosphate coated, lubricated and equiped with pressed steel threed protector.
- 5 -Marking shall be done according API 7-1 , should be stamped with the manufactures name ,the API monogram , size and type of threads on the sub body
- 6 - Materials shall be new - not renewed and of new manufacture only
- 7 - Origin of Country and manufacturer must be mentioned with the offer
- 8- All above goods will be packed in to wooden cases
- 9- The bidder can submit VAM TOP or equivalent VAM TOP to be interchanged 100% with VAM TOP thread . inclosing the needed attached certificates ,with offer (an authorize from Vallorec CO to manufacturing this type of thread)