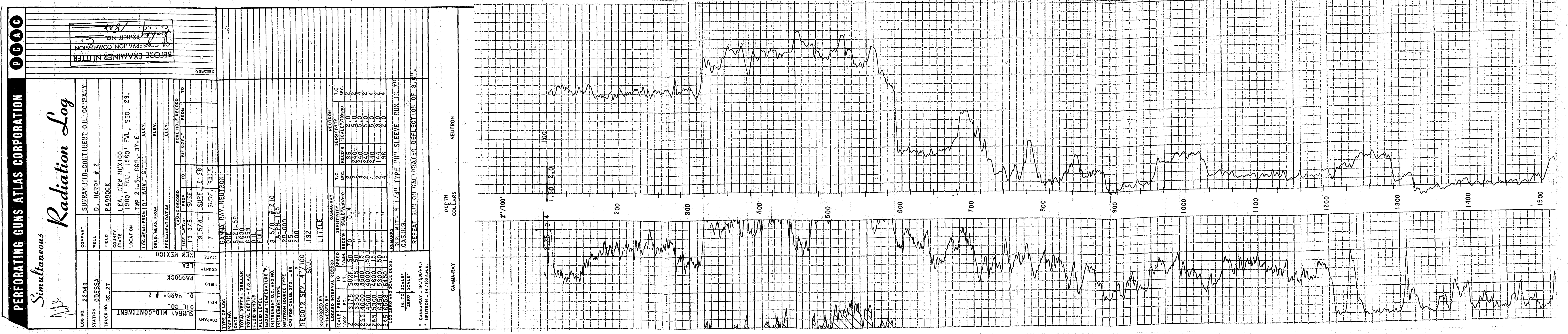
Case No. 1800

Large Exhibits



PERFORATING GUNS ATLAS CORPORATION PGAC

Simultaneous
Radiation Log

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. C
CASE NO. 1800

COMPANY	SUNRAY MID-CONTINENT OIL CO.
WELL	D. HARDY # 2
FIELD	PADDOCK
COUNTY	LEA
STATE	NEW MEXICO

LOG NO.	22049
STATION	ODESSA
TRUCK NO.	GR-27
COMPANY	SUNRAY MID-CONTINENT OIL COMPANY
WELL	D. HARDY # 2
FIELD	PADDOCK
COUNTY STATE	LEA, NEW MEXICO
LOCATION	1980' FNL, 1980' FWL, SEC. 28, TWP 21-S, RGE. 37-E
LOG MEAS. FROM	10' ABV. G. L.
DRLG. MEAS. FROM	
PERMANENT DATUM	

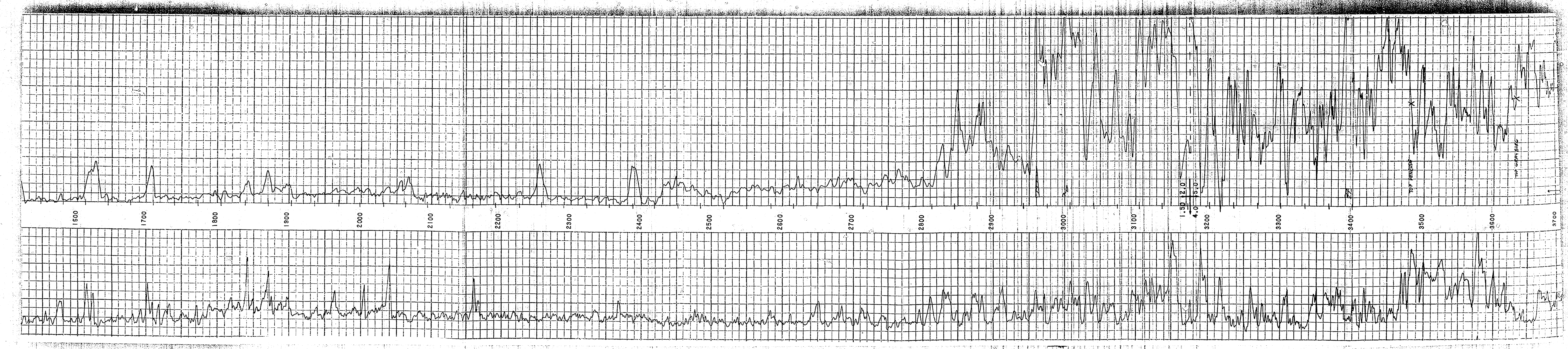
SIZE "-WT. #	FROM	TO
13 3/8	SURF.	
9 5/8	SURF.	2 38
7	SURF.	6559

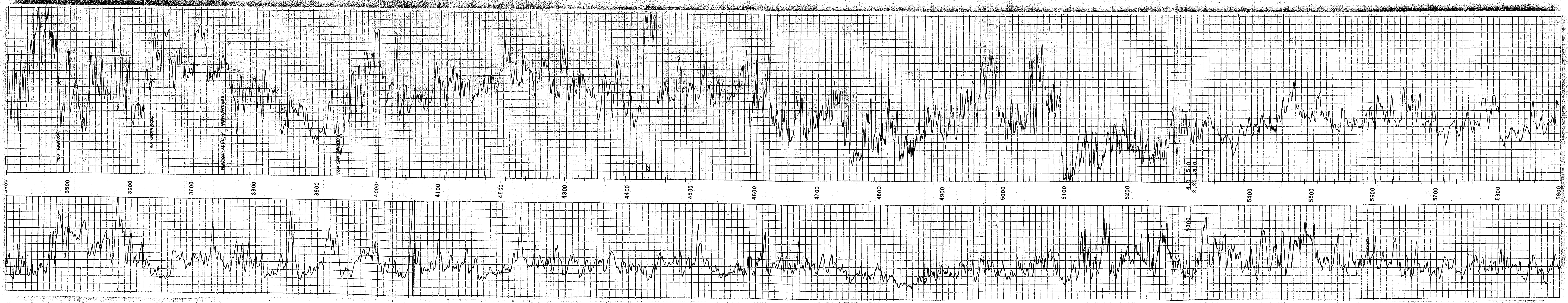
TYPE OF LOG	GAMMA RAY-NEUTRON
RUN NO.	ONE
DATE	8-21-59
TOTAL DEPTH - DRILLER	6680
TOTAL DEPTH - P.G.A.C.	6559
FLUID IN HOLE	OIL
FLUID LEVEL	FULL
MAXIMUM TEMPERATURE °F.	-
INSTRUMENT O.D. AND NO.	3 5/8 # 210
INSTRUMENT TYPE	TA-PH-125
NEUTRON SOURCE TYPE	RB-600
CPS FOR CALIB. STD. - GR	95
- N	200
RECD'R SEN. 4"/100 SNU.	192
RECORDED BY	
WITNESSED BY	LITTLE

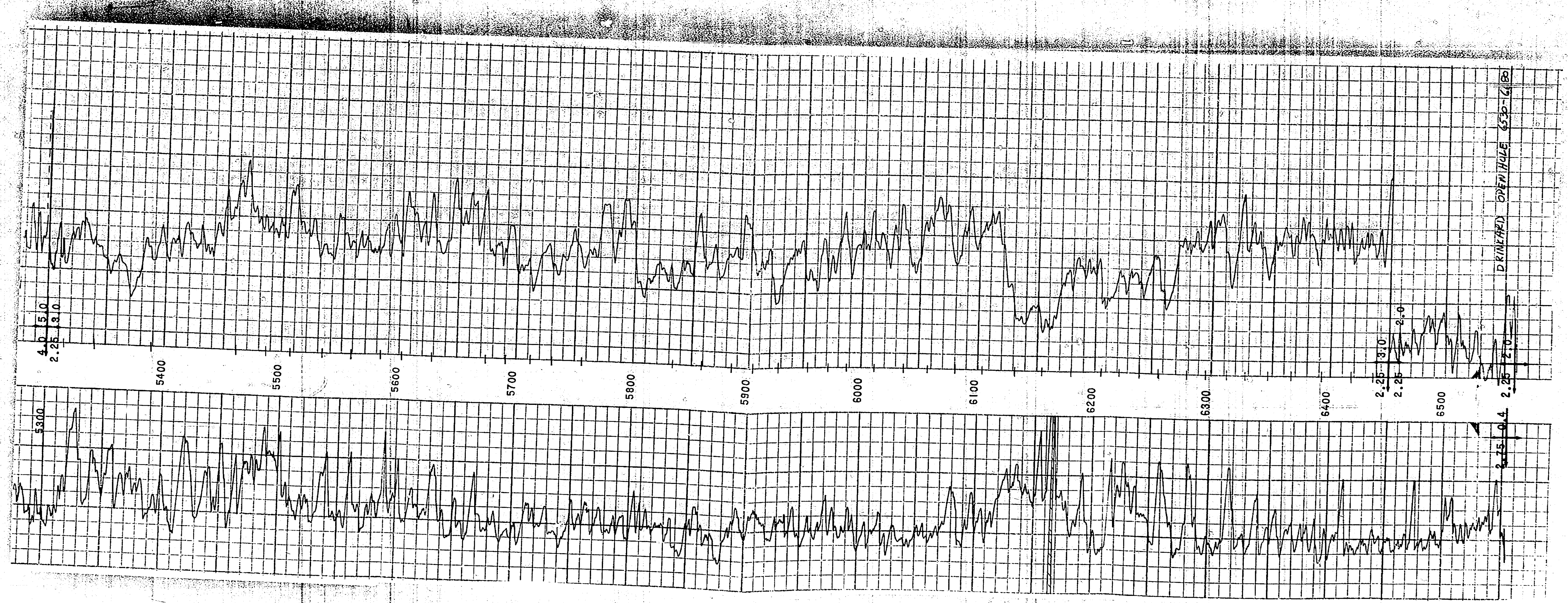
SCALE "/100'	FROM FT.	TO	SPEED '/MIN.	GAMMA-RAY RECD'R	GAMMA-RAY SCALE"/(μR/HR)	GAMMA-RAY T.C. SEC.	NEUTRON RECD'R	NEUTRON SCALE"/100SNU	NEUTRON T.C. SEC.
2	3175	SURF.	50	70	0.4	2	96	2.0	2
2	3500	3175	50	"	"	2	240	5.0	2
2&5	4000	3500	15	"	"	4	240	5.0	4
2	4600	4000	50	"	"	2	240	5.0	2
2&5	5300	4600	15	"	"	4	240	5.0	4
2	6450	5300	50	"	"	2	144	3.0	2
2&5	6558	6450	15	"	"	4	96	2.0	4

REMARKS: RUN WITH 5 1/4" TYPE "N" SLEEVE RUN IN 7" CASING.
REPEAT RUN ON CALIBRATED DEFLECTION OF 3.0".

LOG ZERO AND SCALE DESIG.
IN. TO SCALE ZERO SCALE
GAMMA-RAY - IN./(μR/HR.)
NEUTRON - IN./100 S.N.U.
GAMMA-RAY
DEPTH & COLLARS
NEUTRON
2"/100'
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500


1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
1.50
2.0
4.0
5.0
3200
3300
3400
TOP PENROSE
3500
3600
TOP GRAYBURG
3700


TOP PENROSE
TOP GRAYBURG
PENROSE-SKELLY PERFORATIONS
TOP SAN ANDRES
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900
5000
5100
5200
4.0 5.0
2.25 3.0
5300
5400
5500
5600
5700
5800
5900


4.0
5.0
2.25
3.0
5300
5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400
6500
2.25
3.0
2.25
2.0
2.25
2.0
2.25
2.75
0.4
DRINKARD OPEN HOLE 6530-6680