CONFIDENTIAL 199-121 **FINAL MD**

199-121 3/24/00

sperry-sun DRILLING SERVICES

1 : 600 / 1 : 240

MWD

ROP Rate Of Penetration
DGR Dual Gamma Ray
EWR Electromagnetic Wave Resistivity

RECEIVED
MAR 23 2000
Alaska Oil & Gas Cons. Commission
Anchorage

Company	:	BP Exploration (Alaska), Inc.
Rig	:	Nabors 7ES
Well	:	West Gwydyr #1
Field	:	Exploration
Country	:	U.S.A.
API Number	:	50-029-22954-00

Country : U.S.A.
Field : Exploration
Location : Lat: 70° 25' 31.25" North Long: 149° 7' 30.31" West
Well : West Gwydyr #1
Company : BP Exploration (Alaska), Inc.
Rig : Nabors 7ES

LOCATION
Latitude : 70° 25' 31.25" North
Longitude : 149° 7' 30.31" West
3509.00' FSL 5066.00' FEL
SEC04 T12N R012E

Other Services
PWD Pressure While Drilling
DDS Drilling Dyanmics Sensor

Permanent Datum : Mean Sea Level Elevation : 0.00 ft
Log Measured From : Drill Floor 52.70 ft Above Permanent Datum
Drilling Measured From : Drill Floor

MD LOG

Elev KB 52.70 ft
DF 52.70 ft
GL 24.20 ft
WD 0.00 ft

Depth Logged : 61.00 ft To 11,030.00 ft
Date Logged : 27-Jan-00 To 16-Feb-00
Total Depth MD : 11,030.00 ft TVD : 10,513.00 ft
Spud Date : 28-Jan-00

Unit No : 119
Job No : AK-MM-9023
Plot Type : Final
Plot Date : 25-Feb-00

Borehole Record (MD)

Run No.	Size	From	To
1	13.500 in	110.00 ft	3,548.00 ft
2	9.875 in	3,548.00 ft	6,485.00 ft
3	9.875 in	6,485.00 ft	7,686.00 ft
4	9.875 in	7,686.45 ft	8,471.00 ft
5	9.875 in	8,471.65 ft	8,780.00 ft
6	9.875 in	8,780.00 ft	11,030.00 ft

Borehole Record (MD)

Run No.	Size	From	To

Casing Record (MD)

Size	Weight	From	To
20.000 in	92.00 lbpf	SURFACE	110.00 ft
10.750 in	46.00 lbpf	SURFACE	3,533.00 ft

BAKER HUGHES

EXCELS *HIGH DEFINITION INDUCTION LOG* SM

Baker Atlas

FILE NO:		COMPANY	BP EXPLORATION (ALASKA) INC.
		WELL	WEST GWYDYR NO.1
API NO: 50-029-22954		FIELD	PRUDHOE BAY
		COUNTY	NORTH SLOPE STATE ALASKA

Ver. 3.74

TIGHT HOLE
CONFIDENTIAL

LOCATION:
SURFACE:
3509' NSL & 5066' WEL
SEC 4 TWP 12N RGE 12E

OTHER SERVICES
ZDL/CN/SL
MAC

PERMANENT DATUM	M.S.L.	ELEVATION	0 FT
LOG MEASURED FROM	R.T.	52.7 FT	ABOVE P.D.
DRILL. MEAS. FROM	R.T.		

ELEVATIONS:
KB 52.7 FT
DF 52.7 FT
GL 24.2 FT

DATE		11-Feb-2000		16-Feb-2000	
RUN	TRIP	1	1	2	1
SERVICE ORDER		189575		194858	
DEPTH DRILLER		8780 FT		11030 FT	
DEPTH LOGGER		8782 FT		11007 FT	
BOTTOM LOGGED INTERVAL		8775 FT		11000 FT	
TOP LOGGED INTERVAL		3500 FT		8400 FT	
CASING-DRILLER		10.75 IN @3533 FT		10.75 IN @3533 FT	
CASING LOGGER		3533 FT		3533 FT	
BIT SIZE		9.875 IN		9.875 IN	
TYPE OF FLUID IN HOLE		KCL/POLYMER		KCL/POLYMER	
DENSITY	VISCOSITY	10.4 LB/G	44 S	10.6 LB/G	54 S
PH	FLUIDLOSS	9.5	4.5 C3	8.4	4.5 C3
SOURCE OF SAMPLE		FLOWLINE		FLOWLINE	
RM AT MEAS. TEMP.		0.24 OHMM @75 DEGF		0.31 OHMM @70 DEGF	
RMF AT MEAS. TEMP.		0.16 OHMM @75 DEGF		0.22 OHMM @70 DEGF	
RMC AT MEAS. TEMP.		0.32 OHMM @75 DEGF		0.42 OHMM @70 DEGF	
SOURCE OF RMF	RMC	MEASURED	MEASURED	MEASURED	MEASURED
RM AT BHT		0.12 OHMM @154 DEGF		0.11 OHMM @199 DEGF	
TIME SINCE CIRCULATION		2200 10-FEB-2000		2330 15-FEB-2000	
MAX. RECORDED TEMP.		154 DEGF		199 DEGF	
EQUIP. NO.	LOCATION	HL 6555	NORTH SLOPE	HL 6555	NORTH SLOPE
RECORDED BY		R. ECK		R. ECK	
WITNESSED BY		J. SECCOMBE		J. SECCOMBE	

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