

COMPANY:

SUTTLES LOGGING, INC.

BARCLAY FED NO 3

LOCATION: 660 FSL8660 FEL, SEC 12

SURVEY: T23S-R31E

EDDY CO: NEW MEXICO

FRED BRANN AND JOHN REILAND
GEOLGISTS

ELEV: G. L 3527 RKB: 3524

DATE: 3/12/1997 to 11/12/1997

INTERVAL: 4000FT TO 8465FT

<915> 687-3148

LITHOLOGY SYMBOLS

SAND	[]	CHERT	[]
LIME	[]	CONGLOMERATE	[]
DOL.	[]	SHALE	[]
ANHYDRITE	[]	SALT	[]

ABBREVIATIONS

MB : NEW BIT
LC : LOST CIRC
TC : TRIP GAS
DC : DEPTH CORR
CO : CIRC OUT
DST : DRILL STEM TEST
NR : NO RETURNS
WT : WEIGHT

GAS CHROMATOGRAPH

TOTAL GAS	C1	C2	C3	C4	C5
100	10	20	30	25	15
200	15	25	35	20	5
300	20	30	40	15	5
400	25	35	45	10	5
500	30	40	50	5	5
600	35	45	55	5	5
700	40	50	60	5	5
800	45	55	65	5	5
900	50	60	70	5	5
1000	55	65	75	5	5

DRILLING RATE
MIN/FT

LITH

PORO FLUR CUT
0-25 0-100 TFC

HYDROCARBON ANALYSIS LOG

REMARKS

[illegible]