

HORSESHOE - GALLUP OIL POOL - ATLANTIC NAVAJO LEASES

NET PAY - POROSITY & PERMEABILITY OF CORE ANALYSIS

NET PAY 1 MD OR MORE

LEASE & WELL #	NET PAY	AVERAGE POROSITY %	TOTAL MD FT	AVERAGE PERMEABILITY MD
NAVAJO #1	41	19.6	8,907.4	217.5
NAVAJO #2	33	12.5	4,356.0	132.0
NAVAJO #3	48	19.2	13,630.0	284.0
NAVAJO #4	20	14.4	2,406.5	120.3
NAVAJO #5	41	16.2	3,141.0	76.6
NAVAJO #6	29	17.5	5,882.5	202.8
NAVAJO #7	26	16.0	4,648.4	178.8
NAVAJO #8	31	17.8	6,276.3	202.5
NAVAJO #9	17	13.2	1,798.0	105.8
NAVAJO #11	27	17.4	5,337.3	197.7
NAVAJO #14	5	12.5	1,030.0	206.0

CASE NO. 1597

THE ATLANTIC REFINING COMPANY

EXHIBIT NO. 6

HORSESHOE - GALLUP OIL POOL - ATLANTIC NAVAJO LEASES

NET PAY - POROSITY & PERMEABILITY OF CORE ANALYSIS

NET PAY 1 MD OR MORE

LEASE & WELL #	NET PAY	AVERAGE POROSITY %	TOTAL MD FT	AVERAGE PERMEABILITY MD
NAVAJO #16	6	13.0	111.4	18.6
NAVAJO #18	25	15.9	3,396.0	135.8
NAVAJO #20	15	18.1	2,004.0	133.6
NAVAJO #21	7	15.4	417.0	59.5
NAVAJO #22	6	10.7	79.3	13.2
NAVAJO #23	7	14.5	395.2	56.5
NAVAJO #25	7	11.7	27.8	4.0
NAVAJO #28	11	15.5	1,582.6	143.9
NAVAJO #29	21	16.4	2,270.6	108.0
NAVAJO #30	10	15.4	951.8	95.2
NAVAJO B #2	5	14.3	336.3	67.3
NAVAJO B #3	7	16.4	994.1	142.0

CASE NO. 1597

THE ATLANTIC REFINING COMPANY

EXHIBIT NO. 6

C 7 4 + '6