CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

PHILLIPS PETROLEUM COMPANY

EVGSAU 3456 NO. 005
EAST VACUUM FIELD
LEA COUNTY, NEW MEXICO

PRELIMINARY PRINT

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

PHILLIPS PETROLEUM COMPANY
EVGSAU 3456 NO. 005
EAST VACUUM FIELD
LEA COUNTY, NEW MEXICO

DATE : 6-24-79
FORMATION : GRAYBURG
DRLG. FLUID: BRINE WATER
LOCATION : 1030' FNL & 1410' FWL, SEC. 34, T-17-S, R-35-E

FILE NO : 3202-11177
ANALYSTS : GODSEY
ELEVATION: 3934.6' GL

FULL DIAMETER ANALYSIS

CORE NO. 1 4360.0-4450.0 CUT 90' REC 90'

SAMPLE NUMBER		DEPTH	PERM. TO AIR (MD) MAXIMUM	PERM. TO AIR (MD) 90 DEG	POR. He	FLUID SATS. OIL	FLUID SATS. WTR	GRAIN DEN	DESCRIPTION
S	1	4360.0-61.0	0.7	<0.1	4.0	5.7	34.6	2.89	DOL,ANHY,V/F,STY
	2	4361.0-62.0	<0.1	<0.1	2.5	6.3	45.1	2.87	DOL,ANHY,PP,STY
	3	4362.0-63.0	<0.1	<0.1	2.1	17.2	38.2	2.92	DOL,V/ANHY,PP,STY
S	4	4363.0-64.0	<0.1	<0.1	1.9	24.1	44.6	2.92	DOL,V/ANHY,SL/F,PP,STY
	5	4364.0-65.0	<0.1	<0.1	2.9	2.1	51.9	2.89	DOL,ANHY,SL/F,PP,STY
S	6	4365.0-66.0	<0.1	<0.1	2.2	5.8	61.7	2.88	DOL,ANHY,SL/F,DOL,STY
	7	4366.0-67.0	0.2	0.2	3.4	15.6	30.3	2.87	DOL,ANHY,SL/V,SL/F,STY
S	8	4367.0-68.0	0.4	0.2	2.3	22.4	34.2	2.90	DOL,ANHY,SL/F,SL/V,STY
	9	4368.0-69.0	2.3	1.2	9.5	10.0	26.7	2.85	DOL,ANHY,PP,SL/V
	10	4369.0-70.0	0.8	0.7	3.5	11.2	39.3	2.92	DOL,V/ANHY,SL/V
S	11	4370.0-71.0	57.	45.	11.2	14.2	24.4	2.83	DOL,ANHY,SL/F,PP
	12	4371.0-72.0	133.	26.	12.8	14.5	31.8	2.87	DOL,ANHY,SL/V,SL/F,PP
	13	4372.0-73.0	73.	57.	19.7	29.7	24.0	2.89	DOL,ANHY,SL/F,PP,V/F
S	14	4373.0-74.0	57.	44.	14.5	27.0	25.8	2.87	DOL,ANHY,V/F,PP,STY
	15	4374.0-75.0	154.	138.	14.9	25.1	28.8	2.91	DOL,ANHY,V/F,PP,STY
S	16	4375.0-76.0	150.	125.	14.2	23.2	31.3	2.88	DOL,ANHY,V/F,PP
	17	4376.0-77.0	142.	93.	17.2	19.8	22.4	2.86	DOL,ANHY,V/F,PP,STY
S	18	4377.0-78.0	81.	52.	14.8	21.5	22.3	2.85	DOL,ANHY,SL/V,STY
	19	4378.0-79.0	46.	41.	12.7	22.3	22.8	2.86	DOL,ANHY,SL/F,PP
	20	4379.0-80.0	83.	73.	14.7	18.4	22.4	2.83	DOL,ANHY,PP
S	21	4380.0-81.0	10.	6.5	4.7	20.5	35.7	2.86	DOL,ANHY,SL/F,SL/V,PP,STY
	22	4381.0-82.0	<0.1	<0.1	0.7	0.0	66.7	2.86	DOL,V/ANHY,PP
	23	4382.0-83.0	0.5	0.4	3.3	18.4	64.6	2.86	DOL,ANHY,V/F,SL/V,STY
S	24	4383.0-84.0	0.8	0.3	2.7	4.9	84.2	2.87	DOL,ANHY,V/F,PP
	25	4384.0-85.0	97.	94.	13.5	28.1	26.3	2.89	DOL,ANHY,PP

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FULL DIAMETER ANALYSIS

	SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
S	26	4385.0-86.0	3.2	2.6	4.1	21.9	38.2	2.88	DOL,ANHY,V/F,SL/V,STY
	27	4386.0-87.0	3.8	3.7	2.8	12.4	64.5	2.86	DOL,V/ANHY,SL/F,PP,STY
S	28	4387.0-88.0	4.8	4.4	7.1	17.1	38.0	2.84	DOL,ANHY,SL/V,V/F,PP
	29	4388.0-89.0	0.5	<0.1	2.9	4.8	55.6	2.89	DOL,ANHY,V/F,STY
	30	4389.0-90.0	3.8	0.8	6.6	23.4	43.4	2.86	DOL,ANHY,FOSS,PP,SL/V,STY
S	31	4390.0-91.0	30.	9.0	7.8	15.3	37.1	2.89	DOL,ANHY,PP,V/F,STY
	32	4391.0-92.0	40.	35.	9.2	16.1	33.4	2.89	DOL,ANHY,SL/F,PP,STY
	33	4392.0-93.0	77.	66.	13.0	28.7	26.6	2.83	DOL,ANHY,SL/F,PP
S	34	4393.0-94.0	1.3	1.3	1.7	23.1	68.4	2.86	DOL,ANHY,SL/F,STY
	35	4394.0-95.0	1.2	1.1	4.8	25.6	30.1	2.87	DOL,ANHY,V/F,PP,STY
S	36	4395.0-96.0	120.	59.	10.7	27.5	32.8	2.84	DOL,ANHY,PP,SL/V,SL/F,STY
	37	4396.0-97.0	<0.1	<0.1	2.8	0.0	35.9	2.91	DOL,V/ANHY,FOSS,STY
S	38	4397.0-98.0	0.9	0.8	1.9	23.8	53.0	2.85	DOL,ANHY,SL/F,PP,STY
	39	4398.0-99.0	2.5	2.3	6.2	13.0	32.6	2.87	DOL,ANHY,SL/F,PP,SL/V,STY
	40	4399.0-00.0	7.5	6.6	12.3	21.6	21.6	2.86	DOL,ANHY,SL/V,PP,STY
S	41	4400.0-01.0	0.7	0.5	1.8	18.4	71.4	2.87	DOL,ANHY,PP,SL/F,STY
	42	4401.0-02.0	2.7	2.1	2.7	13.5	73.3	2.85	DOL,ANHY,V/F,STY
	43	4402.0-03.0	2.9	1.1	5.5	11.1	63.0	2.86	DOL,ANHY,SL/F,PP,STY
S	44	4403.0-04.0	5.6	3.4	4.9	14.4	49.5	2.82	DOL,ANHY,SL/V,SL/F,STY
	45	4404.0-05.0	194.	171.	22.7	21.1	21.0	2.82	DOL,ANHY,V,STY
S	46	4405.0-06.0	1.2	1.1	8.2	32.3	35.9	2.80	DOL,ANHY,LMY,V,STY
	47	4406.0-07.0	0.2	0.2	4.8	18.2	50.4	2.87	DOL,ANHY,SL/V,SL/F,STY
S	48	4407.0-08.0	<0.1	<0.1	3.4	23.1	45.8	2.84	DOL,ANHY,SL/V,PP,SL/F,STY
	49	4408.0-09.0	3.6	0.5	2.7	15.9	61.9	2.84	DOL,ANHY,SL/V,SL/F,PP,STY
S	50	4409.0-10.0	0.7	0.3	2.8	28.0	66.1	2.85	DOL,ANHY,SL/F,PP,STY
	51	4410.0-11.0	4.2	4.1	5.1	17.9	44.8	2.83	DOL,ANHY,SL/V,SL/F,PP,STY
	52	4411.0-12.0	4.5	3.8	11.9	21.6	21.7	2.85	DOL,ANHY,SL/F,SL/V,PP,STY
	53	4412.0-13.0	5.7	4.3	7.3	19.9	35.9	2.85	DOL,ANHY,SL/V,SL/F,PP,STY
S	54	4413.0-14.0	7.1	2.2	8.9	11.7	42.9	2.83	DOL,ANHY,SL/V,SL/F,PP,STY
	55	4414.0-15.0	44.	5.8	9.0	13.1	39.8	2.84	DOL,ANHY,V/F,V,PP,STY

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S	56	4415.0-16.0	3.2	3.2	5.7	6.6	40.0	2.86	DOL,ANHY,PP,STY
	57	4416.0-17.0	2.5	2.2	2.3	8.3	48.2	2.89	DOL,ANHY,SL/F,PP,STY
S	58	4417.0-18.0	3.6	1.5	5.5	20.5	47.5	2.84	DOL,ANHY,SL/F,SL/V,PP,STY
	59	4418.0-19.0	21.	19.	12.5	21.1	31.2	2.82	DOL,ANHY,V/F,PP,STY
	60	4419.0-20.0	33.	33.	16.4	18.2	29.8	2.83	DOL,ANHY,SL/V,PP
	61	4420.0-21.0	3.0	1.7	10.8	18.9	30.9	2.82	DOL,ANHY,SL/F,SL/V,OOL,STY
	62	4421.0-22.0	5.5	3.3	12.5	20.6	22.9	2.86	DOL,ANHY,V/F,SL/V,OOL,STY
S	63	4422.0-23.0	20.	1.9	11.0	19.1	34.0	2.86	DOL,V/F,SL/V,OOL,STY
	64	4423.0-24.0	18.	0.9	3.2	12.8	67.6	2.89	DOL,V/F,OOL,SL/V,STY
S	65	4424.0-25.0	14.	5.0	8.2	17.0	36.8	2.82	DOL,ANHY,V/F,SL/V,STY
	66	4425.0-26.0	7.3	6.6	7.2	20.2	39.3	2.85	DOL,ANHY,F,SL/V,STY
	67	4426.0-27.0	2.0	1.0	1.9	14.1	82.0	2.85	DOL,ANHY,F,SL/V,STY
S	68	4427.0-28.0	0.7	0.2	3.5	12.4	69.1	2.86	DOL,ANHY,SL/F,STY
	69	4428.0-29.0	11.	6.3	8.5	22.6	27.9	2.88	DOL,ANHY,SL/F,SL/V,STY
	70	4429.0-30.0	8.0	6.0	12.9	20.7	30.6	2.86	DOL,SL/F,STY
	71	4430.0-31.0	0.1	*	6.1	18.5	68.6	2.87	DOL,ANHY,SL/F,SL/V,STY
S	72	4431.0-32.0	10.	5.0	11.5	22.3	44.2	2.86	DOL,ANHY,V/F,SL/V,STY
	73	4432.0-33.0	4.8	1.4	4.8	16.9	52.7	2.85	DOL,ANHY,SL/F,STY
	74	4433.0-34.0	4.3	2.0	6.1	16.2	56.8	2.88	DOL,ANHY,SL/F,STY
S	75	4434.0-35.0	0.3	*	10.0	11.2	37.3	2.86	DOL,ANHY,V/F,STY
	76	4435.0-36.0	0.1	0.1	5.1	14.6	59.6	2.89	DOL,ANHY,SL/F,STY
	77	4436.0-37.0	1.0	0.2	5.9	16.4	66.9	2.95	DOL,ANHY,V/F,STY
S	78	4437.0-38.0	39.	38.	7.6	11.8	32.9	2.85	DOL,ANHY,F,STY
	79	4438.0-39.0	45.	44.	7.1	9.0	35.1	2.86	DOL,ANHY,PP,F,STY
S	80	4439.0-40.0	4.3	3.4	5.2	15.3	33.9	2.87	DOL,ANHY,V/F,STY
	81	4440.0-41.0	1.5	0.9	4.0	14.3	39.7	2.87	DOL,ANHY,SL/F,STY
	82	4441.0-42.0	4.2	0.5	4.4	9.0	38.7	2.86	DOL,ANHY,SL/F,STY
S	83	4442.0-43.0	33.	5.0	11.8	14.5	31.6	2.86	DOL,ANHY,SL/F,STY
	84	4443.0-44.0	15.	14.	10.5	16.1	25.7	2.86	DOL,ANHY,SL/V,STY
	85	4444.0-45.0	24.	24.	10.0	13.3	36.0	2.84	DOL,ANHY,SL/F,PP,STY

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	SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	PERM. TO AIR (MD) 90 DEG	POR. He	FLUID SATS. OIL	FLUID SATS. WTR	GRAIN DEN	DESCRIPTION
	86	4445.0-46.0	7.8	6.0	11.0	17.6	23.5	2.86	DOL,ANHY,SL/V,STY
	87	4446.0-47.0	6.5	6.3	10.2	21.4	23.8	2.85	DOL,SL/F,PP,STY
S	88	4447.0-48.0	13.	10.	10.9	20.3	28.1	2.87	DOL,SL/F,PP,STY
	89	4448.0-49.0	1.4	0.6	4.3	35.6	36.3	2.86	DOL,ANHY,SL/F,STY
	90	4449.0-50.0	0.3	*	8.6	16.4	31.9	2.86	DOL
		CORE NO. 2 4450.0-4540.0 CUT 90' REC 90'							
S	91	4450.0-51.0	37.	35.	9.4	16.5	48.1	2.83	DOL,ANHY,V/F,STY
	92	4451.0-52.0	<0.1	<0.1	1.3	4.4	58.8	2.88	DOL,ANHY,STY
	93	4452.0-53.0	<0.1	<0.1	1.6	7.9	57.0	2.87	DOL,ANHY,SL/F
S	94	4453.0-54.0	11.	7.5	8.2	19.7	36.5	2.84	DOL,ANHY,F,STY
	95	4454.0-55.0	12.	5.9	8.7	19.6	36.8	2.85	DOL,ANHY,SL/F,PP,STY
	96	4455.0-56.0	17.	7.1	7.8	14.5	35.7	2.84	DOL,ANHY,SL/F,SL/V,FOSS,STY
S	97	4456.0-57.0	25.	19.	9.6	13.1	44.5	2.84	DOL,ANHY,F,STY
	98	4457.0-58.0	0.6	0.5	6.1	15.8	42.7	2.87	DOL,ANHY,PP,STY
S	99	4458.0-59.0	<0.1	<0.1	1.7	6.7	56.0	2.87	DOL,ANHY
	100	4459.0-60.0	19.	15.	8.4	16.4	36.4	2.87	DOL,ANHY,OOL,SL/F,STY
S	101	4460.0-61.0	12.	10.	6.2	10.9	40.8	2.85	DOL,ANHY,V/F,PP
	102	4461.0-62.0	3.4	0.7	4.9	11.8	42.5	2.87	DOL,ANHY,V/F,PP
S	103	4462.0-63.0	15.	12.	8.1	18.6	35.5	2.85	DOL,ANHY,SL/F,PP
	104	4463.0-64.0	15.	7.8	8.3	20.6	39.3	2.83	DOL,ANHY,V/F,STY
	105	4464.0-65.0	2.7	1.9	4.2	16.2	41.9	2.87	DOL,ANHY,STY
S	106	4465.0-66.0	12.	2.6	5.9	25.9	29.8	2.86	DOL,ANHY,V/F,PP,STY
	107	4466.0-67.0	15.	14.	9.0	21.8	33.0	2.84	DOL,ANHY,PP
	108	4467.0-68.0	12.	9.6	5.2	16.9	36.2	2.86	DOL,ANHY,SL/F,STY
S	109	4468.0-69.0	13.	9.6	5.1	14.2	38.3	2.85	DOL,ANHY,PP,F,STY
	110	4469.0-70.0	31.	24.	9.6	13.4	41.0	2.83	DOL,ANHY,SL/F,PP,STY
S	111	4470.0-71.0	13.	8.0	10.9	17.7	24.6	2.87	DOL,ANHY,F,PP,STY
	112	4471.0-72.0	5.6	5.5	8.1	16.2	30.6	2.82	DOL,ANHY,F,STY

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S	113	4472.0-73.0	21.	17.	8.3	20.8	34.6	2.85	DOL,ANHY,V/F,STY
	114	4473.0-74.0	27.	17.	9.4	18.2	38.8	2.83	DOL,ANHY,F,STY
	115	4474.0-75.0	47.	44.	7.4	19.4	41.5	2.86	DOL,ANHY,F,PP,STY
	116	4475.0-76.0	56.	43.	14.9	19.9	38.0	2.83	DOL,ANHY,OOL,V/F,STY
S	117	4476.0-77.0	0.7	0.6	10.3	26.5	31.5	2.86	DOL,ANHY,OOL
S	118	4477.0-78.0	8.9	3.2	13.6	15.5	29.3	2.83	DOL,ANHY,OOL,V/F
	119	4478.0-79.0	32.	22.	13.1	13.8	31.6	2.86	DOL,ANHY,V/F,OOL
	120	4479.0-80.0	116.	55.	17.0	16.4	30.3	2.82	DOL,ANHY,V/F,OOL
S	121	4480.0-81.0	12.	4.4	8.6	19.9	36.8	2.86	DOL,ANHY,V/F,PP
	122	4481.0-82.0	0.8	<0.1	4.7	20.7	41.8	2.87	DOL,ANHY,V/F,STY
S	123	4482.0-83.0	8.7	6.3	14.6	14.8	30.9	2.85	DOL,ANHY,OOL,STY
	124	4483.0-84.0	14.	12.	14.9	19.2	28.6	2.84	DOL,ANHY,OOL,STY
	125	4484.0-85.0	1.5	0.5	1.7	8.3	73.4	2.87	DOL,ANHY,SL/F,PP
	126	4485.0-86.0	1.7	1.5	4.1	18.1	48.5	2.86	DOL,ANHY,SL/F,FOSS
S	127	4486.0-87.0	2.4	1.1	5.2	30.7	35.2	2.87	DOL,ANHY,PP,SL/F,STY
	128	4487.0-88.0	19.	15.	10.9	23.3	29.1	2.87	DOL,ANHY,V/F,PP,STY
S	129	4488.0-89.0	43.	41.	13.5	18.8	32.6	2.85	DOL,ANHY,SL/V,SL/F,STY
	130	4489.0-90.0	28.	21.	8.9	20.8	26.1	2.86	DOL,ANHY,SL/F,SL/V,STY
	131	4490.0-91.0	30.	22.	9.4	18.0	38.8	2.87	DOL,ANHY,SL/F,PP,STY
S	132	4491.0-92.0	28.	27.	12.2	17.0	34.9	2.88	DOL,ANHY,SL/F,PP,STY
	133	4492.0-93.0	32.	28.	15.9	17.1	35.7	2.85	DOL,ANHY,SL/F,PP,STY
S	134	4493.0-94.0	43.	38.	15.0	18.8	34.7	2.90	DOL,ANHY,F,SL/V,STY
	135	4494.0-95.0	9.0	8.2	11.0	24.6	28.0	2.86	DOL,ANHY,SL/F,SL/V,STY
S	136	4495.0-96.0	18.	11.	11.6	18.0	37.2	2.84	DOL,ANHY,SL/F,SL/V,STY
	137	4496.0-97.0	16.	11.	9.3	18.2	34.5	2.85	DOL,ANHY,SHR,V/F,SL/V,STY
	138	4497.0-98.0	8.0	7.9	10.7	15.8	28.9	2.84	DOL,ANHY,F,PP,STY
	139	4498.0-99.0	8.1	4.6	8.1	12.3	35.1	2.84	DOL,ANHY,SL/V,V/F,STY
S	140	4499.0-00.0	4.1	3.7	7.3	21.3	22.0	2.83	DOL
	141	4500.0-01.0	10.	4.7	5.8	22.3	23.0	2.83	DOL,ANHY,V/F,SL/V,STY
S	142	4501.0-02.0	2.2	1.5	4.4	29.1	46.6	2.85	DOL,ANHY,V,V/F,STY

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

PHILLIPS PETROLEUM COMPANY
EVGSAU 3456 NO. 005

DATE : 6-24-79
FORMATION : GRAYBURG

FILE NO : 3202-11177
ANALYSTS : GODSEY

FULL DIAMETER ANALYSIS

	SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
	143	4502.0-03.0	1.7	1.5	4.3	16.9	46.8	2.84	DOL,ANHY,V/F,V,STY
	144	4503.0-04.0	1.4	0.6	5.5	15.9	53.1	2.85	DOL,ANHY,V,V/F,STY
S	145	4504.0-05.0	6.1	5.0	6.9	18.0	11.4	2.85	DOL,ANHY,V,V/F,STY
	146	4505.0-06.0	1.2	1.0	6.7	17.8	44.6	2.83	DOL,ANHY,V,V/F,STY
S	147	4506.0-07.0	0.8	0.4	4.8	18.4	42.9	2.87	DOL,V/ANHY,V/F,V,STY
	148	4507.0-08.0	21.	18.	10.3	17.6	35.1	2.74	DOL,ANHY,F,V,STY
	149	4508.0-09.0	1.2	1.1	7.1	24.0	38.0	2.84	DOL,ANHY,V,V/F,STY
S	150	4509.0-10.0	4.0	3.7	6.0	16.5	41.2	2.85	DOL
S	151	4510.0-11.0	7.4	6.8	7.7	11.6	40.5	2.84	DOL,ANHY,F,V,STY
	152	4511.0-12.0	1.5	1.4	2.9	18.8	50.0	2.85	DOL,ANHY,V/F,SL/V
	153	4512.0-13.0	1.3	0.8	2.4	20.5	56.8	2.85	DOL,ANHY,V/F,SL/V,STY
S	154	4513.0-14.0	1.3	0.6	4.0	12.2	45.0	2.86	DOL,ANHY,F,SL/V,FOSS,STY
	155	4514.0-15.0	8.9	8.1	6.9	10.0	37.4	2.87	DOL,ANHY,F,SL/V,FOSS,STY
	156	4515.0-16.0	0.9	0.7	3.9	14.3	53.8	2.85	DOL,ANHY,F,SL/V,FOSS,STY
	157	4516.0-17.0	4.3	3.8	9.7	15.3	33.1	2.86	DOL,ANHY,F,STY
S	158	4517.0-18.0	7.4	4.8	7.9	19.9	29.5	2.85	DOL,ANHY,F,SL/V,STY
	159	4518.0-19.0	1.8	1.8	2.9	10.9	58.7	2.86	DOL,ANHY,F,SL/V,STY
S	160	4519.0-20.0	1.0	0.8	2.3	12.6	55.9	2.87	DOL,ANHY,F,PP,STY
	161	4520.0-21.0	0.3	0.3	1.2	31.0	51.7	2.86	DOL,ANHY,F,PP,STY
	162	4521.0-22.0	2.9	0.7	1.3	6.3	48.6	2.87	DOL,ANHY,F,STY
	163	4522.0-23.0	1.6	1.4	1.9	19.7	65.7	2.85	DPOL,ANHY,F,PP,STY
S	164	4523.0-24.0	3.8	2.8	5.5	8.8	47.4	2.85	DOL,ANHY,SL/F,PP,STY
	165	4524.0-25.0	2.2	2.1	13.1	14.9	25.4	2.84	DOL,ANHY,SL/F,SL/V,STY
S	166	4525.0-26.0	3.1	2.0	12.0	15.3	27.1	2.84	DOL,ANHY,SL/V,SL/F,STY
	167	4526.0-27.0	4.4	0.8	4.1	20.5	36.4	2.89	DOL,ANHY,F,PP,STY
	168	4527.0-28.0	26.	23.	9.4	22.0	20.7	2.90	DOL,ANHY,PP,F,STY
S	169	4528.0-29.0	13.	11.	4.2	24.2	28.6	2.88	DOL,V/ANHY,F,STY
	170	4529.0-30.0	1.2	*	13.3	15.3	23.3	2.90	DOL,ANHY,V/F,PP,STY
	171	4530.0-31.0	0.8	0.8	6.0	16.9	37.6	2.84	DOL,ANHY,F,PP,STY
S	172	4531.0-32.0	0.6	0.4	4.5	15.0	50.0	2.84	DOL,ANHY,SL/V,V/F,STY

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	173	4532.0-33.0	0.3	0.2	1.6	7.3	72.6	2.86	DOL,ANHY,V/F,SL/V,STY
	174	4533.0-34.0	0.3	0.2	2.1	28.1	50.0	2.89	DOL,ANHY,SL/F,PP,STY
		4534.0-35.0							ANHY,DNS
S	175	4535.0-36.0	1.3	1.0	7.0	16.2	19.5	2.87	DOL,ANHY,SHR,F,PP,STY
	176	4536.0-32.0	12.	8.8	7.3	19.6	30.0	2.90	DOL,ANHY,F,PP,STY
	177	4537.0-38.0	7.1	5.7	3.9	14.6	32.5	2.93	DOL,V/ANHY,F,PP,STY
		CORE NO. 3 4540.0-4592.0 CUT 52' REC 52'							
		4540.0-48.0							
S	180	4548.0-49.0	<0.1	<0.1	0.9	14.1	78.1	2.85	DOL,ANHY,SL/SHY,SL/F,DNS,STY
	181	4549.0-50.0	<0.1	<0.1	0.7	0.0	70.0	2.85	DOL,ANHY,V/F,STY
		4550.0-55.0							DOL,ANHY,V/F,STY
S	182	4555.0-56.0	0.3	0.2	2.2	37.5	59.0	2.84	DOL,ANHY,F,SL/SHY,DNS,STY
	183	4556.0-57.0	<0.1	<0.1	5.1	15.7	32.9	2.84	DOL,ANHY,V/F
	184	4557.0-58.0	<0.1	<0.1	5.6	29.0	38.7	2.83	DOL,ANHY,SL/V
S	185	4558.0-59.0	0.3	0.2	7.0	11.8	42.1	2.84	DOL,ANHY,STY
	186	4559.0-60.0	0.3	0.1	5.8	14.3	67.7	2.81	DOL,ANHY,V/F,STY
	187	4560.0-61.0	26.	20.	11.3	16.0	28.9	2.81	DOL,ANHY,V/F,STY
S	188	4561.0-62.0	277.	273.	11.8	15.3	30.3	2.81	DOL,ANHY,V/F,OOL
	189	4562.0-63.0	26.	22.	12.1	18.3	22.8	2.85	DOL,ANHY,V/F,V
	190	4563.0-64.0	11.	9.3	10.0	9.4	29.9	2.83	DOL,ANHY,V/F,PP
S	191	4564.0-65.0	8.8	8.3	10.0	6.8	28.5	2.82	DOL,ANHY,OOL,V/F,STY
	192	4565.0-66.0	9.2	8.7	11.9	13.3	28.9	2.83	DOL,ANHY,OOL,FOSS
	193	4566.0-67.0	4.5	*	0.0	0.0	0.0		DOL,ANHY,OOL,F,STY
	194	4567.0-68.0	21.	8.9	12.5	17.5	27.9	2.82	DOL,ANHY,V/F,STY
S	195	4568.0-69.0	4.4	3.5	12.4	25.2	25.9	2.84	DOL,ANHY,V/F,PP,STY
	196	4569.0-70.0	3.0	*	0.0	0.0	0.0		DOL,ANHY,V/F,PP
S	197	4570.0-71.0	6.4	6.3	12.4	15.6	30.3	2.84	DOL,ANHY,OOL,SL/F
	198	4571.0-72.0	37.	33.	15.5	23.2	28.1	2.84	DOL,ANHY,V/F,STY

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	199	4572.0-73.0	28.	28.	13.0	22.5	29.4	2.84	DOL,ANHY,V/F,SL/V,STY
	200	4573.0-74.0	3.8	3.6	12.9	19.8	39.8	2.83	DOL,ANHY,V/F,PP,STY
	201	4574.0-75.0	4.5	4.0	13.2	19.7	40.5	2.84	DOL,ANHY,PP,FOSS,STY
	202	4575.0-76.0	2.3	0.8	17.9	21.6	39.5	2.91	DOL,ANHY,V/F,FOSS,STY
	203	4576.0-77.0	6.5	6.1	17.3	26.0	41.8	2.87	DOL,ANHY,PP,SL/F,FOSS
	204	4577.0-78.0	5.5	5.3	17.5	24.1	28.9	2.85	DOL,ANHY,V/F,PP,STY
S	205	4578.0-79.0	10.	9.7	16.5	25.9	27.9	2.85	DOL,ANHY,OOL,FOSS,F
	206	4579.0-80.0	7.8	6.8	17.0	25.9	30.6	2.85	DOL,ANHY,FOSS,PP
	207	4580.0-81.0	14.	12.	16.4	24.0	28.9	2.86	DOL,ANHY,F,FOSS,PP
S	208	4581.0-82.0	16.	15.	14.2	20.4	27.6	2.82	DOL,ANHY,PP
	209	4582.0-83.0	12.	11.	12.3	20.3	29.6	2.83	DOL,ANHY,SHR,V/F,STY
	210	4583.0-84.0	5.2	4.4	10.0	18.8	29.3	2.82	DOL,ANHY,SHR,V/F,STY
S	211	4584.0-85.0	6.7	6.3	10.5	22.0	28.5	2.85	DOL,ANHY,SHR,V/F,STY
	212	4585.0-86.0	4.6	4.5	7.0	28.4	38.1	2.82	DOL,ANHY,SHR,V/F,STY
	213	4586.0-87.0	3.6	3.3	7.1	25.7	45.7	2.85	DOL,ANHY,V/F,SL/V,STY
S	214	4587.0-88.0	1.9	1.8	2.9	9.8	54.6	2.88	DOL,ANHY,V/F,STY
	215	4588.0-89.0	0.8	0.6	3.0	11.4	69.6	2.86	DOL,ANHY,V/F,STY
	216	4589.0-90.0	0.3	0.3	2.9	4.6	51.5	2.90	DOL,ANHY,SL/F,SL/V,STY
		4590.0-91.0							DOL,SHY,DNS
	217	4591.0-92.0	0.1	*	7.9	27.2	60.9	2.89	DOL,ANHY,V/F,STY
		CORE NO. 4 4592.0-4682.0 CUT 90' REC 90'							
		4592.0-95.0							DOL,DNS
		4595.0-03.0							SD,DOL,DNS
	218	4603.0-04.0	<0.1	<0.1	5.2	7.6	61.6	2.73	SD,DOL,SH LAM
	219	4604.0-05.0	<0.1	<0.1	8.8	15.3	36.3	2.70	SD,DOL,SH LAM
	220	4605.0-06.0	0.2	<0.1	9.7	19.2	40.7	2.68	SD
	221	4606.0-07.0	0.2	0.2	9.7	17.2	42.9	2.67	SD
	222	4607.0-08.0	0.2	0.2	7.5	8.7	51.0	2.69	SD,DOL

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		4608.0-52.0							DOL,ANHY,DNS
	178	4638.0-39.0	0.1	*	6.3	16.2	26.9	2.81	DOL,ANHY,V/F,SL/V,STY
	179	4639.0-40.0	<0.1	*	3.8	14.1	58.6	2.87	DOL,ANHY,V/F,SL/V,STY
		4652.0-77.0							DOL,ANHY,DNS
	223	4677.0-78.0	0.2	<0.1	2.3	2.3	71.1	2.83	DOL,ANHY,V/F,STY
	224	4678.0-79.0	0.3	0.2	3.4	3.7	82.0	2.84	DOL,ANHY,SL/F,STY
	225	4679.0-80.0	4.3	0.2	2.2	0.0	88.2	2.85	DOL,ANHY,V/F,STY
		4680.0-82.0							DOL,ANHY,DNS
		CORE NO. 5 4682.0-4774.0 CUT 90' REC 92'							
	226	4682.0-83.0	0.5	0.5	2.2	5.3	65.1	2.85	DOL,F,SL/V
	227	4683.0-84.0	2.3	2.2	2.4	0.5	49.9	2.86	DOL,F,SL/V
S	228	4684.0-85.0	0.9	0.9	3.5	20.1	40.9	2.85	DOL,ANHY,F,SL/V
	229	4685.0-86.0	1.5	1.3	1.4	21.7	36.1	2.86	DOL,ANHY,F
S	230	4686.0-87.0	2.8	2.6	1.2	20.5	68.2	2.87	DOL,ANHY,F
	231	4687.0-88.0	2.7	1.8	3.6	5.6	43.3	2.85	DOL,ANHY,F,SL/V
	232	4688.0-89.0	6.6	5.4	8.4	11.1	30.1	2.85	DOL,ANHY,F
S	233	4689.0-90.0	7.6	5.8	9.2	8.3	32.1	2.85	DOL,ANHY,F,SL/V
	234	4690.0-91.0	6.8	4.3	2.9	4.6	56.7	2.83	DOL,ANHY,F,STY
	235	4691.0-92.0	12.	5.9	5.9	3.3	43.7	2.85	DOL,ANHY,F,SL/V,STY
S	236	4692.0-93.0	11.	9.2	9.3	8.1	31.4	2.85	DOL,ANHY,OOL,STY
	237	4693.0-94.0	5.2	4.9	8.0	2.8	31.3	2.85	DOL,ANHY,OOL,STY
	238	4694.0-95.0	28.	15.	7.8	12.2	35.5	2.84	DOL,ANHY,OOL,F,SL/V
	239	4695.0-96.0	22.	9.5	6.1	10.5	36.0	2.84	DOL,ANHY,SL/V,F,STY
S	240	4696.0-97.0	135.	40.	10.9	11.6	33.8	2.85	DOL,ANHY,OOL,F,STY
	241	4697.0-98.0	19.	18.	9.0	8.7	34.7	2.84	DOL,ANHY,F,SL/V
S	242	4698.0-99.0	97.	73.	10.6	8.5	34.7	2.86	DOL,ANHY,OOL,F
	243	4699.0-00.0	74.	65.	15.0	9.1	32.4	2.84	DOL,ANHY,OOL,F,SL/V
S	244	4700.0-01.0	23.	23.	12.5	5.8	34.6	2.85	DOL,ANHY,OOL,PP,SL/F

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	245	4701.0-02.0	8.5	8.3	7.8	6.6	36.6	2.84	DOL,ANHY,OOL,STY
S	246	4702.0-03.0	22.	21.	11.9	10.7	32.1	2.84	DOL,ANHY,OOL,SL/F,PP,STY
	247	4703.0-04.0	25.	24.	13.5	2.7	39.5	2.84	DOL,ANHY,OOL,F,SL/V,STY
S	248	4704.0-05.0	2185.	31.	15.2	3.7	35.2	2.85	DOL,ANHY,OOL,V/F,V
	249	4705.0-06.0	26.	11.	12.9	7.0	40.2	2.84	DOL,ANHY,OOL,SL/F,STY
	250	4706.0-07.0	8.2	6.2	10.0	10.4	37.6	2.85	DOL,ANHY,F,STY
	251	4707.0-08.0	20.	14.	12.9	13.9	32.1	2.86	DOL,ANHY,OOL,F,PP,STY
S	252	4708.0-09.0	14.	12.	7.2	21.7	30.1	2.89	DOL,ANHY,F,STY
	253	4709.0-10.0	15.	12.	13.1	23.2	29.2	2.87	DOL,ANHY,OOL,F,STY
S	254	4710.0-11.0	11.	6.6	14.3	22.5	25.5	2.87	DOL,ANHY,OOL,PP,STY
	255	4711.0-12.0	40.	27.	16.9	7.5	39.7	2.85	DOL,ANHY,OOL,SL/F,PP
	256	4712.0-13.0	1.8	1.7	5.2	25.7	38.6	2.85	DOL,ANHY,F,SL/V,STY
S	257	4713.0-14.0	2.3	2.0	9.0	19.5	25.3	2.86	DOL,F
	258	4714.0-15.0	0.4	0.4	3.7	7.9	54.8	2.85	DOL,ANHY,F
	259	4715.0-16.0	7.0	3.8	3.6	9.2	56.5	2.83	DOL,ANHY,V,F,STY
S	260	4716.0-17.0	25.	20.	16.6	19.3	29.7	2.87	DOL,OOL,PP
	261	4717.0-18.0	45.	43.	16.5	13.1	34.1	2.86	DOL,ANHY,OOL,PP,V/F
S	262	4718.0-19.0	8.3	7.1	14.6	18.6	24.9	2.87	DOL,OOL,F,SL/V
	263	4719.0-20.0	6.6	6.6	14.5	10.6	32.4	2.84	DOL,V,STY
S	264	4720.0-21.0	21.	9.5	12.9	10.5	37.0	2.84	DOL,ANHY,STY
	265	4721.0-22.0	17.	16.	10.9	11.1	33.2	2.84	DOL,ANHY,SL/F,SL/V,STY
S	266	4722.0-23.0	6.8	6.6	11.3	6.3	38.5	2.84	DOL,ANHY,SL/F,SL/V,STY
	267	4723.0-24.0	5.4	5.3	10.1	8.3	34.1	2.84	DOL,ANHY,F,V,STY
S	268	4724.0-25.0	5.0	4.3	7.8	8.7	37.9	2.83	DOL,ANHY,F,V,FOSS,STY
	269	4725.0-26.0	38.	28.	12.4	4.0	40.6	2.84	DOL,F,SL/V,STY
	270	4726.0-27.0	12.	9.9	13.2	11.8	30.1	2.86	DOL,SL/F,SL/V,STY
S	271	4727.0-28.0	19.	18.	9.3	2.3	39.1	2.83	DOL,ANHY,F,V,STY
	272	4728.0-29.0	4.4	3.6	7.7	5.2	44.5	2.84	DOL,ANHY,F,V,FOSS,STY
S	273	4729.0-30.0	9.0	7.2	8.2	14.8	37.1	2.89	DOL,ANHY,F,V,FOSS,STY
	274	4730.0-31.0	7.8	7.3	12.7	6.9	34.4	2.84	DOL,ANHY,F,V,STY

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275	4731.0-32.0	11.	9.1	14.3	15.1	32.0	2.85	DOL,ANHY,SL/F,STY
276	4732.0-33.0	17.	16.	13.1	5.1	33.3	2.84	DOL,ANHY,SL/F,V,STY
S 277	4733.0-34.0	20.	19.	13.8	14.5	26.9	2.66	DOL,ANHY,SL/F,V,STY
278	4734.0-35.0	17.	16.	14.5	6.9	29.8	2.84	DOL,ANHY,F,V,FOSS,STY
279	4735.0-36.0	16.	*	15.0	12.2	25.9	2.81	DOL,ANHY,V/F,SL/V,STY
S 280	4736.0-37.0	20.	19.	13.8	4.5	30.2	2.84	DOL,ANHY,F,SL/V,STY
281	4737.0-38.0	20.	19.	12.8	8.5	25.8	2.85	DOL,ANHY,F,STY
S 282	4738.0-39.0	23.	22.	16.4	8.8	27.3	2.86	DOL,ANHY,SL/V,STY
S 283	4739.0-40.0	54.	52.	16.2	11.0	29.9	2.85	DOL,ANHY,FOSS,SL/F,V,STY
284	4740.0-41.0	63.	62.	12.0	13.2	28.0	2.83	DOL,ANHY,F,V,FOSS,STY
S 285	4741.0-42.0	13.	12.	11.5	3.8	33.1	2.82	DOL,ANHY,F,V,FOSS,STY
286	4742.0-43.0	37.	36.	11.5	2.1	36.3	2.83	DOL,ANHY,SL/F,SL/V,STY
S 287	4743.0-44.0	43.	41.	16.4	8.1	31.6	2.85	DOL,ANHY,SL/V,STY
288	4744.0-45.0	29.	28.	13.7	9.9	33.5	2.84	DOL,ANHY,SL/F,V,FOSS,STY
S 289	4745.0-46.0	34.	34.	13.3	10.6	29.5	2.85	DOL,ANHY,SL/F,V,FOSS,STY
290	4746.0-47.0	10.	10.	11.4	20.2	24.5	2.84	DOL,ANHY,SL/F,SL/V,STY
S 291	4747.0-48.0	26.	25.	11.6	9.9	29.8	2.85	DOL,ANHY,V,FOSS,STY
292	4748.0-49.0	9.6	9.0	12.2	13.7	26.7	2.84	DOL,ANHY,SL/F,V,FOSS,STY
S 293	4749.0-50.0	12.	4.2	8.7	7.4	31.4	2.85	DOL,ANHY,F,V,FOSS,STY
294	4750.0-51.0	0.7	0.3	4.7	8.8	34.1	2.91	DOL,V/ANHY,F,V,FOSS,STY
295	4751.0-52.0	16.	3.6	10.4	11.7	29.6	2.87	DOL,ANHY,V,F,STY
S 296	4752.0-53.0	12.	11.	11.7	8.9	30.8	2.84	DOL,ANHY,F,V,STY
297	4753.0-54.0	11.	4.5	9.3	11.4	31.0	2.92	DOL,ANHY,F,SL/V,STY
S 298	4754.0-55.0	12.	12.	13.3	15.3	26.8	2.84	DOL,ANHY,SL/V,STY
299	4755.0-56.0	9.0	8.3	12.0	14.8	31.9	2.84	DOL,ANHY,F,V,STY
S 300	4756.0-57.0	3.6	3.6	4.5	10.1	39.3	2.83	DOL,ANHY,F,V,STY
301	4757.0-58.0	4.6	3.9	5.3	9.6	33.0	2.84	DOL,ANHY,F,V,FOSS,STY
S 302	4758.0-59.0	7.9	6.0	7.0	9.6	35.1	2.84	DOL,ANHY,F,V,STY
303	4759.0-60.0	8.4	7.9	7.3	13.8	37.1	2.83	DOL,ANHY,F,V,STY
S 304	4760.0-61.0	5.4	5.3	6.3	17.1	30.8	2.85	DOL,ANHY,F,V,STY

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PHILLIPS PETROLEUM COMPANY
EVGSAU 3456 NO. 005

DATE : 6-24-79
FORMATION : GRAYBURG

FILE NO : 3202-11177
ANALYSTS : GODSEY

FULL DIAMETER ANALYSIS

	SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	305	4761.0-62.0	31.	24.	14.4	13.1	31.7	2.85	DOL,ANHY,F,SL/V,STY
	306	4762.0-63.0	14.	14.	10.0	17.1	26.7	2.87	DOL,ANHY,F,V,STY
S	310	4766.0-67.0	31.	9.5	12.0	11.7	32.6	2.83	DOL,ANHY,SL/F,V,STY
	311	4767.0-68.0	27.	26.	16.4	16.2	29.8	2.85	DOL,ANHY,F,PP
	312	4768.0-69.0	25.	23.	14.5	11.2	42.9	2.84	DOL,SL/F,SL/V
S	313	4769.0-70.0	17.	17.	15.6	20.5	29.5	2.85	DOL,SL/V
	314	4770.0-71.0	18.	16.	16.5	23.6	25.2	2.86	DOL,V/F,PP
	315	4771.0-72.0	63.	16.	18.4	18.3	27.5	2.85	DOL,SL/V,SL/F
	316	4772.0-73.0	147.	*	17.3	27.4	38.0	2.82	DOL,ANHY,V/F,SL/V,STY
	317	4773.0-74.0	21.	*	12.4	27.7	33.4	2.82	DOL,ANHY,V/F,SL/V,STY
		CORE NO. 6 4774.0-4802.0 CUT 28' REC 28'							
	318	4774.0-75.0	27.	21.	17.3	17.8	25.7	2.87	DOL,SL/F,SL/V
	319	4775.0-76.0	22.	21.	15.4	19.8	26.1	2.86	DOL,SL/F,SL/V
	320	4776.0-77.0	5.4	*	11.9	25.9	35.0	2.84	DOL,ANHY,V/F,V
	321	4777.0-78.0	60.	*	13.4	14.8	36.2	2.85	DOL,ANHY,V/F,SL/V
	322	4778.0-79.0	19.	19.	10.0	16.8	28.0	2.85	DOL,ANHY,SL/F,V,STY
	323	4779.0-80.0	30.	*	12.6	19.2	41.0	2.85	DOL,ANHY,V,F
	324	4780.0-81.0	211.	185.	17.6	15.4	36.1	2.84	DOL,ANHY,F,V,STY
	325	4781.0-82.0	102.	53.	17.3	15.3	31.4	2.83	DOL,SL/F,V,STY
	326	4782.0-83.0	122.	101.	20.3	18.0	24.3	2.86	DOL,OOL,V,STY
	327	4783.0-84.0	48.	20.	13.4	7.9	40.6	2.81	DOL,OOL,SHR,F,V,STY
	328	4784.0-85.0	11.	*	6.3	7.3	64.5	2.83	DOL,F,V,STY
	329	4785.0-86.0	104.	50.	10.6	8.0	35.7	2.83	DOL,ANHY,V/F,STY
	330	4786.0-87.0	32.	*	12.0	25.5	35.8	2.83	DOL,F,V,STY
	331	4787.0-88.0	254.	*	13.9	20.4	45.3	2.83	DOL,ANHY,V,V/F,STY
	332	4788.0-89.0	286.	*	10.6	21.2	47.1	2.87	DOL,ANHY,F,V,STY
	333	4789.0-90.0	49.	18.	13.2	21.8	21.2	2.83	DOL,ANHY,SHR,OOL,SL/V,SL/F,STY
	334	4790.0-91.0	117.	59.	18.0	17.2	32.0	2.85	DOL,ANHY,SHR,OOL,V,F,STY

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

PHILLIPS PETROLEUM COMPANY
EVGSAU 3456 NO. 005

DATE : 6-24-79
FORMATION : GRAYBURG

FILE NO : 3202-11177
ANALYSTS : GODSEY

FULL DIAMETER ANALYSIS

	SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	PERM. TO AIR (MD) 90 DEG	POR. He	FLUID SATS. OIL	FLUID SATS. WTR	GRAIN DEN	DESCRIPTION
	335	4791.0-92.0	506.	110.	4.2	17.5	43.7	2.85	DOL,F,V,STY
	336	4792.0-93.0	313.	133.	6.3	26.9	58.2	2.86	DOL,ANHY,F,V,STY
	337	4793.0-94.0	67.	66.	18.0	26.0	24.4	2.87	DOL,ANHY,OOL,SL/F,STY
	338	4794.0-95.0	31.	25.	14.7	27.8	20.8	2.85	DOL,SHR,OOL,PP,STY
	339	4795.0-96.0	46.	41.	14.1	18.8	25.2	2.82	DOL,SHR,OOL,PP,SL/F,STY
	340	4796.0-97.0	39.	37.	12.8	27.7	19.6	2.85	DOL,ANHY,OOL,SHR,SL/V
	341	4797.0-98.0	104.	101.	16.2	27.0	17.7	2.86	DOL,ANHY,OOL,SL/V
	342	4798.0-99.0	73.	72.	16.0	17.5	23.5	2.86	DOL,ANHY,SHR,OOL,V
	343	4799.0-00.0	34.	*	17.6	26.5	30.9	2.84	DOL,ANHY,V/F,V
	344	4800.0-01.0	20.	*	14.2	16.9	32.8	2.84	DOL,V/F,SL/V
	345	4801.0-02.0	1.5	*	12.3	19.1	28.6	2.85	DOL,ANHY,OOL,V/F,SL/V
		CORE NO. 7 4802.0-4840.0 CUT 38' REC 37.5'							
S	346	4802.0-03.0	20.	12.	9.2	14.3	28.9	2.81	DOL,V,SL/F
	347	4803.0-04.0	184.	13.	10.3	11.5	32.1	2.82	DOL,V,SL/F
S	348	4804.0-05.0	496.	331.	13.5	13.3	30.4	2.85	DOL,V,V/F,FOSS
	349	4805.0-06.0	461.	145.	13.2	13.2	29.3	2.82	DOL,V,SL/F,FOSS
S	350	4806.0-07.0	182.	103.	16.8	11.5	23.5	2.81	DOL,V,F,FOSS
	351	4807.0-08.0	223.	161.	17.3	10.5	22.2	2.84	DOL,V,F,FOSS
S	352	4808.0-09.0	67.	65.	13.3	6.3	31.0	2.80	DOL,F,V,FOSS,STY
	353	4809.0-10.0	61.	28.	14.8	7.3	28.9	2.81	DOL,V,FOSS,STY
S	354	4810.0-11.0	68.	53.	14.1	5.8	37.5	2.79	DOL,SL/F,V,FOSS
	355	4811.0-12.0	241.	176.	14.3	7.4	32.9	2.83	DOL,F,V,FOSS,STY
S	356	4812.0-13.0	280.	90.	13.3	22.0	22.0	2.82	DOL,V/F,V,FOSS
	357	4813.0-14.0	274.	179.	14.8	13.2	33.8	2.84	DOL,ANHY,V,SL/F
S	358	4814.0-15.0	41.	*	13.6	11.8	37.5	2.83	DOL,F,V,FOSS
	359	4815.0-16.0	32.	*	18.5	17.0	38.4	2.84	DOL,V/F,V
S	360	4816.0-17.0	45.	*	16.8	13.8	35.2	2.87	DOL,V/F,SL/V
	361	4817.0-18.0	40.	18.	7.5	15.0	32.0	2.82	DOL,SHR,V/F,SL/V

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FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
S 362	4818.0-19.0	20.	17.	5.5	15.6	41.1	2.84	DOL,ANHY,F,SL/V
363	4819.0-20.0	57.	45.	12.2	21.1	35.1	2.85	DOL,ANHY,V,SL/F,FOSS
S 364	4820.0-21.0	77.	69.	14.9	25.1	23.2	2.87	DOL,ANHY,SHR,SL/V,STY
365	4821.0-22.0	1.5	0.8	11.4	22.2	28.5	2.81	DOL,F,PP,STY
S 366	4822.0-23.0	3.1	2.6	7.4	15.8	44.4	2.82	DOL,SH LAM,F,STY
367	4823.0-24.0	14.	12.	9.8	11.7	33.6	2.82	DOL,SL/V,SL/F,FOSS,STY
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]