

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

DEPCO, INCORPORATED
 BEALL FEDERAL NO. 1
 WILDCAT
 CHAVES COUNTY, NEW MEXICO

DATE: 7/31/75
 FORMATION: SAN ANDRES
 DRUG. FLUID:
 LOCATION: SEC17 T11S R30E

FILE NO.: 621-9642
 ENGINEER: NEFF
 ELEVATION: 3952 KB

* INDICATES PLUG PERM

S INDICATES PRESERVED SAMPLES

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY		FLUID SATS.		GR. DEN.	DESCRIPTION
		MAX.	90°	GEX	FLD	OIL	WTR.		
WHOLE CORE ANALYSIS									
1	3250.0-51.2	0.2	<0.1	2.2	25.0	52.1			DOLomite, ANHY, FRAC, STY
2	51.2-53.0	<0.1	<0.1	2.1	5.6	82.0			DOLomite, ANHY, STY
3	53.0-54.4	0.1	<0.1	1.8	27.8	56.9			DOLomite, ANHY, SL/FRAC
4	54.4-56.0	0.2	0.1	0.9	17.2	44.8			DOLomite, ANHY, SL/FRAC, STY
5	56.0-57.5	0.4	0.3	5.3	2.5	85.6			DOLomite, ANHY
6	57.5-59.0	0.9	<0.1	5.6	4.6	78.4			DOLomite, ANHY, VERT FRAC, FRAC
7	59.0-60.0	0.9	0.8	6.6	5.1	70.5			DOLomite, ANHY, FRAC
8	60.0-61.0	49	<0.1	1.2	25.0	34.4			DOLomite, ANHY, VERT FRAC, FRAC
	3261.0-68.0								DOLomite, ANHY
9	3268.0-69.0	<0.1	<0.1	2.2	17.2	55.2			DOLomite, ANHY, STY
	3269.0-78.0								DOLomite, ANHY
10	3278.0-79.0	<0.1	<0.1	2.1	7.5	55.2			DOLomite, ANHY, VERT FRAC
11	79.0-80.3	<0.1	<0.1	2.4	13.3	56.7			DOLomite, ANHY, VERT FRAC, STY
12	80.3-81.6	<0.1	<0.1	2.1	14.8	48.1			DOLomite, ANHY, STY
	3281.6-86.0								DOLomite, ANHY
13	3286.0-87.5	2.4	0.5	2.8	5.6	68.5			DOLomite, ANHY, STY
14	87.5-88.6	0.2	<0.1	2.7	20.0	53.7			DOLomite, ANHY, VERT FRAC, STY
15	88.6-89.7	<0.1	<0.1	7.1	12.7	27.5			DOLomite, ANHY, SHY
16	89.7-91.0	<0.1	*	7.1	10.3	33.2			DOLomite, ANHY, VERT FRAC
17	91.0-92.0	<0.1	*	3.6	0.0	53.1			DOLomite, ANHY, FRAC
18	92.0-93.0	<0.1	*	4.3	0.0	57.1			DOLomite, ANHY, FRAC
19	93.0-94.0	<0.1	*	2.0	0.0	59.1			DOLomite, ANHY, FRAC
20	94.0-95.0	<0.1	*	1.6	0.0	50.0			DOLomite, ANHY, FRAC, STY
	3295.0-01.0								DOLomite, ANHY, FRAC

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		MAX.	90°	GEX	FILD	OIL	WTR.		
21	3301.0-21.0 3321.0-24.0 3324.0-25.0	0.2	0.1	2.7	6.1	45.5			DOLOMITE, ANHY LOST CORE DOLOMITE, ANHY, SL/VGY, VERT FRAC DOLOMITE, ANHY, SL/VGY
22	25.0-26.4	0.8	0.6	3.5	5.4	51.6			DOLOMITE, ANHY, SL/VGY VERT FRAC
23	26.4-28.0 3328.0-32.0	<0.1	<0.1	2.9	7.0	52.1			DOLOMITE, ANHY DOLOMITE, ANHY DOLOMITE, ANHY
24	3332.0-33.4	<0.1	<0.1	3.9	2.8	69.7			DOLOMITE, ANHY
25	33.4-34.6	<0.1	<0.1	5.5	2.6	66.5			DOLOMITE, ANHY
26	34.6-35.7	<0.1	<0.1	3.0	5.9	61.2			DOLOMITE, ANHY
27	35.7-37.0	0.2	0.1	6.5	5.1	36.2			DOLOMITE, SHY
28	37.0-38.0	<0.1	<0.1	3.9	5.7	67.8			DOLOMITE, SL/FRAC
29	38.0-39.0	0.2	0.2	6.9	2.9	63.1			DOLOMITE
30	3339.0-50.0								DOLOMITE, SL/VGY
31	3350.0-51.1	<0.1	<0.1	2.7	8.5	74.6			DOLOMITE, ANHY
32	51.1-52.3 52.3-54.0	<0.1	<0.1	2.4	9.8	68.3			LINE, SL/FRAC LINE, SL/FRAC
33	3354.0-55.0 3355.0-56.5	<0.1	*	4.9	9.1	50.0			LINE, ANHY LINE
34	56.5-58.0 3358.0-59.0	0.2	*	5.1	10.0	54.0			LINE LINE, ANHY
35	3359.0-60.5	0.4	0.3	3.1	16.5	51.5			LINE
36	60.5-62.0	1.4	1.1	8.5	7.3	39.9			LINE, ANHY, FRAC
37	62.0-63.5	0.7	0.7	10.3	1.2	67.2			LINE, ANHY, FRAC
38	63.5-65.0	<0.1	*	5.1	1.8	66.3			LINE, ANHY, FRAC, STY
39	65.0-66.0	<0.1	*	4.5	3.7	64.2			LINE, ANHY, FRAC, STY
40	3366.0-71.0 3371.0-73.0 3373.0-74.0	1.0	<0.1	4.7	0.0	65.1			LINE, ANHY LINE, ANHY, FRAC LOST CORE

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