

**KUKUI OPERATING COMPANY
OIL WELL PIPE RECORD**

JOINTS		WEIGHT	GRADE	COUPLING	Lease Name		Lease No.	Well No.							
From No.	Thru No.				DeGas "6" State Com.										
1	314	20#	P-110	LTC	Kelly Dr. Bushing Elev. 4,079'		County/Parish Lea	State New Mexico							
					Casing Size 5-1/2"	O. D. of Hole 8-3/4"	Date Casing Run 05/29/02								
Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET	Jt.No.	FEET
GS	1 .50	39	42 .20	79	42 .00	119	43 .30	159	43 .77	199	42 .45	239	42 .25	279	41 .10
1	42 .12	40	41 .89	80	43 .20	120	43 .00	160	42 .34	200	42 .34	240	43 .00	280	43 .61
Float	1 .50	41	44 .36	81	43 .30	121	43 .29	161	38 .86	201	42 .46	241	42 .41	281	44 .21
2	41 .82	42	42 .43	82	42 .90	122	42 .97	162	43 .92	202	42 .72	242	42 .45	282	44 .13
3	41 .80	43	44 .31	83	42 .91	123	42 .88	163	44 .26	203	44 .32	243	42 .94	283	42 .69
4	42 .76	44	44 .17	84	41 .03	124	40 .54	164	44 .03	204	43 .13	244	42 .54	284	41 .70
5	40 .90	45	43 .60	85	43 .18	125	43 .00	165	43 .57	205	44 .11	245	42 .44	285	42 .63
6	40 .99	46	32 .31	86	43 .51	126	42 .41	166	41 .98	206	43 .61	246	42 .54	286	43 .77
7	42 .17	47	42 .20	87	43 .36	127	40 .65	167	44 .06	207	44 .03	247	42 .22	287	44 .33
8	44 .40	48	43 .07	88	43 .34	128	43 .88	168	43 .52	208	38 .28	248	44 .30	288	43 .04
9	43 .70	49	42 .16	89	43 .11	129	40 .47	169	43 .85	209	44 .75	249	42 .78	289	43 .83
10	39 .88	50	42 .94	90	42 .44	130	43 .77	170	38 .43	210	41 .10	250	43 .00	290	42 .80
11	43 .26	51	42 .74	91	43 .34	131	41 .82	171	43 .25	211	42 .51	251	43 .97	291	41 .00
12	37 .94	52	43 .23	92	42 .43	132	43 .15	172	38 .66	212	42 .70	252	44 .15	292	40 .88
13	42 .98	53	43 .32	93	43 .26	133	43 .73	173	42 .39	213	43 .24	253	43 .93	293	41 .04
14	39 .07	54	43 .28	94	43 .06	134	43 .60	174	42 .64	214	42 .91	254	43 .91	294	41 .18
15	42 .29	55	42 .97	95	43 .23	135	41 .38	175	43 .78	215	43 .13	255	42 .25	295	44 .02
16	43 .55	56	42 .88	96	43 .16	136	41 .28	176	40 .70	216	43 .03	256	43 .08	296	44 .07
17	41 .99	57	43 .10	97	43 .28	137	42 .51	177	42 .41	217	43 .19	257	42 .64	297	44 .23
18	42 .68	58	42 .65	98	43 .56	138	42 .58	178	43 .98	218	43 .28	258	44 .16	298	43 .98
19	42 .51	59	43 .47	99	44 .06	139	42 .39	179	42 .43	219	41 .09	259	44 .02	299	42 .40
20	31 .39	60	42 .65	100	43 .03	140	44 .18	180	42 .32	220	39 .74	260	44 .20	300	43 .59
21	44 .39	61	43 .27	101	43 .30	141	39 .95	181	44 .63	221	43 .48	261	43 .14	301	43 .80
22	42 .95	62	43 .05	102	43 .52	142	41 .97	182	39 .06	222	43 .01	262	44 .02	302	41 .82
23	44 .37	63	42 .50	103	42 .66	143	43 .17	183	44 .12	223	38 .38	263	43 .97	303	42 .13
24	43 .38	64	43 .76	104	43 .33	144	42 .00	184	42 .72	224	43 .24	264	44 .40	304	44 .04
25	43 .30	65	42 .80	105	42 .79	145	44 .00	185	42 .12	225	43 .04	265	44 .20	305	41 .83
26	42 .29	66	43 .04	106	43 .02	146	44 .13	186	43 .57	226	42 .97	266	44 .12	306	44 .27
27	42 .48	67	43 .22	107	43 .46	147	41 .15	187	40 .66	227	42 .56	267	43 .90	307	44 .08
28	44 .21	68	42 .97	108	40 .78	148	44 .17	188	43 .44	228	42 .89	268	43 .09	308	44 .00
29	40 .10	69	39 .80	109	43 .48	149	43 .31	189	42 .18	229	41 .61	269	44 .03	309	44 .00
30	43 .41	70	41 .40	110	38 .92	150	42 .63	190	43 .00	230	41 .54	270	43 .55	310	out out
31	42 .05	71	38 .26	111	43 .36	151	44 .10	191	38 .18	231	38 .58	271	43 .01	311	out out
32	43 .48	72	42 .94	112	43 .30	152	43 .80	192	42 .11	232	42 .28	272	43 .98	312	out out
33	43 .74	73	43 .19	113	43 .05	153	43 .74	193	42 .07	233	42 .73	273	43 .88	313	out out
34	42 .13	74	39 .98	114	43 .27	154	43 .90	194	41 .90	234	42 .33	274	43 .84	314	out out
35	43 .09	75	39 .59	115	43 .12	155	43 .75	195	40 .84	235	42 .18	275	44 .40		
36	41 .08	76	42 .73	116	43 .32	156	44 .10	196	41 .03	236	41 .37	276	44 .29		
37	43 .09	77	43 .31	117	43 .16	157	43 .28	197	43 .25	237	42 .58	277	43 .54		
38	43 .45	78	43 .23	118	43 .56	158	40 .61	198	42 .35	238	42 .58	278	42 .36		
Col. 1	1585.20	Col. 2	1694.97	Col. 3	1718.09	Col. 4	1710.54	Col. 5	1692.38	Col. 6	1695.47	Col. 7	1736.90	Col. 8	1334.20
Col. 2	1694.97	CEMENTING INFORMATION						JOINTS LEFT OVER							
Col. 3	1718.09	No. Sacks	Type	Additives	Circulating Before	No. Joints		Footage							
Col. 4	1710.54	Lead: 620	35:65 Poz H		Cementing 60 min.	5		214.57							
Col. 5	1692.38	Tail: 550	Poz H		Mud Wt. 9.9 ppg	Weight		Grade							
Col. 6	1695.47	Circulating Displacing When Plug Hit Maximum			20.0 lbs./ft.		P-110								
Col. 7	1736.90	psi psi psi psi			CENTRALIZERS										
Col. 8	1334.20	Did Floats Hold? Yes ☒ No ☐			Total Centralizers Ran		Type								
Total	13167.75	Pipe Rotated Reciprocated Worked During ... and/or After Cementing			Placed on Couplings		Placed Middle of Jts								
		No. Plugs Used Returns % Cement Top Shoe Depth Collar Depth			SERVICE COMPANY SCHEDULE										
		1 top 100 ~ 9,500' 13120' 13,074'			ARRIVAL RELEASE										
		Cementing Contractor String Weight Weight on Hanger			Date Time Date Time										
		Schlumberger 225,000 lbs. 200,000 lbs.													
		Signature-Company Rep.			Cement volumes calculated for TOC @ 9,500'.										
		James Baucom													