

WELL: LILLIE KNIGHT #4
 OPERATOR: PLAINS PRODUCTION COMPANY
 LOCATION: SE $\frac{1}{4}$ of NW $\frac{1}{4}$, Sec. 23, T-24, R-37
 ELEVATION:

STATE: NEW MEXICO
 COUNTY: LEA
 FIELD: MATTIX FIELD

0-	35	Caliche	2800-2825	Lime
35-	60	Sand	2825-2900	Lime & Anhydrite
60-	80	Red Shale	2900-2915	Lime
80-	115	Red mud	2915-2935	Lime & Anhydrite
115-	150	Red Rock	2935-2955	Lime
150-	175	Red Shale	2955-2995	Lime & Anhydrite
175-	200	Blue Shale	2995-3025	Lime (Broken)
200-	210	Gray Shale	3025-3050	Broken Lime & Anhydrite
210-	260	Red Shale	3050-3123	Lime (Broken)
260-	330	Red Rock	3123-3347	Lime (small gas increase 3302 set 7" pipe)
330-	365	Red Shale	3347-3360	Lime (Sandy) Show Oil
365-	390	Blue Sand(Hard)	3360-3484	Lime (Increase in gas & Oil)
390-	400	Red Rock	3484-3488	Hard Lime
400-	430	Sand	3488-3500	Lime (Sandy)
430-	467	Sand(Water)	3500-3510	Lime
467-	485	Gray Sand	3510-3521	Gray Lime
485-	505	Red Rock	3521-3542	Lime
505-	550	Blue Sandy Shale	3542-3555	Gray Lime
550-	585	Shale		Lime
585-	645	Red Rock		
645-	675	Red Shale		
675-	740	Red Rock		
740-	757	Red Shale		
757-	765	Sandy Lime		
765-	790	Red Rock - Potash		
790-	830	Red Rock		
830-	885	Red Shale		
885-	1010	Anhydrite		
1010-	1018	Red Rock		
1018-	1028	Lime (Hard)		
1028-	1035	Red Shale		
1035-	1050	Red Rock		
1050-	1105	Red Rock & Salt		
1105-	1150	Red Rock		
1150-	1190	Red Rock, Salt & Anhydrite		
1190-	1235	Red Rock & Anhydrite		
1235-	1250	Lime		
1250-	1265	Salt		
1265-	1305	Red Rock & Potash		
1305-	1335	Salt		
1340-	1375	Salt & Anhydrite		
1375-	1430	Salt & Red Rock		
1430-	1475	Red Shale & Salt		
1475-	1485	Salt		
1485-	1535	Salt & Red Shale		
1535-	1590	Anhydrite & Salt		
1590-	1630	Salt & Shells		
1630-	1680	Salt & Anhydrite		
1680-	1740	Anhydrite & Salt		
1740-	1805	Salt		
1805-	1865	Salt & Anhydrite Shells		
1865-	1905	Salt & Anhydrite		
1905-	1995	Anhydrite & Salt		
1995-	2095	Anhydrite (Broken)		
2095-	2180	Anhydrite		
2180-	2230	Salt & Potash		
2230-	2280	Salt and Anhydrite		
2280-	2300	Salt and Potash		
2300-	2325	Anhydrite		
2325-	2350	Anhydrite (Hard-White)		
2350-	2470	Anhydrite		
2470-	2585	Anhydrite (Broken)		
2585-	2615	Anhydrite & Shale Breaks		
2615-	2800	Anhydrite		

STATE: MISSISSIPPI
COUNTY: LEBAN
TOWNSHIP: LEBAN

SECTION: 36
TOWNSHIP: 36 N
RANGE: 10 W
SECTION: 36

3000-3015 Limestone
2985-3000 Limestone & Anhydrite
2970-2985 Limestone
2955-2970 Limestone & Anhydrite
2940-2955 Limestone
2925-2940 Limestone & Anhydrite
2910-2925 Limestone (broken)
2895-2910 Broken Limestone & Anhydrite
2880-2895 Limestone (broken)
2865-2880 Limestone (small gas inclusions)
2850-2865 3002 set 7" pipe
2835-2850 Limestone (Sandy) Shown as
2820-2835 Limestone (Increase in gas & oil)
2805-2820 Hard Limestone
2790-2805 Limestone (Sandy)
2775-2790 Limestone
2760-2775 Gray Limestone
2745-2760 Limestone
2730-2745 Gray Limestone
2715-2730 Limestone

2700-2715 Limestone
2685-2700 Limestone
2670-2685 Limestone
2655-2670 Limestone
2640-2655 Limestone
2625-2640 Limestone
2610-2625 Limestone
2595-2610 Limestone
2580-2595 Limestone
2565-2580 Limestone
2550-2565 Limestone
2535-2550 Limestone
2520-2535 Limestone
2505-2520 Limestone
2490-2505 Limestone
2475-2490 Limestone
2460-2475 Limestone
2445-2460 Limestone
2430-2445 Limestone
2415-2430 Limestone
2400-2415 Limestone
2385-2400 Limestone
2370-2385 Limestone
2355-2370 Limestone
2340-2355 Limestone
2325-2340 Limestone
2310-2325 Limestone
2295-2310 Limestone
2280-2295 Limestone
2265-2280 Limestone
2250-2265 Limestone
2235-2250 Limestone
2220-2235 Limestone
2205-2220 Limestone
2190-2205 Limestone
2175-2190 Limestone
2160-2175 Limestone
2145-2160 Limestone
2130-2145 Limestone
2115-2130 Limestone
2100-2115 Limestone
2085-2100 Limestone
2070-2085 Limestone
2055-2070 Limestone
2040-2055 Limestone
2025-2040 Limestone
2010-2025 Limestone
1995-2010 Limestone
1980-1995 Limestone
1965-1980 Limestone
1950-1965 Limestone
1935-1950 Limestone
1920-1935 Limestone
1905-1920 Limestone
1890-1905 Limestone
1875-1890 Limestone
1860-1875 Limestone
1845-1860 Limestone
1830-1845 Limestone
1815-1830 Limestone
1800-1815 Limestone
1785-1800 Limestone
1770-1785 Limestone
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1725-1740 Limestone
1710-1725 Limestone
1695-1710 Limestone
1680-1695 Limestone
1665-1680 Limestone
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1635-1650 Limestone
1620-1635 Limestone
1605-1620 Limestone
1590-1605 Limestone
1575-1590 Limestone
1560-1575 Limestone
1545-1560 Limestone
1530-1545 Limestone
1515-1530 Limestone
1500-1515 Limestone
1485-1500 Limestone
1470-1485 Limestone
1455-1470 Limestone
1440-1455 Limestone
1425-1440 Limestone
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1290-1305 Limestone
1275-1290 Limestone
1260-1275 Limestone
1245-1260 Limestone
1230-1245 Limestone
1215-1230 Limestone
1200-1215 Limestone
1185-1200 Limestone
1170-1185 Limestone
1155-1170 Limestone
1140-1155 Limestone
1125-1140 Limestone
1110-1125 Limestone
1095-1110 Limestone
1080-1095 Limestone
1065-1080 Limestone
1050-1065 Limestone
1035-1050 Limestone
1020-1035 Limestone
1005-1020 Limestone
990-1005 Limestone
975-990 Limestone
960-975 Limestone
945-960 Limestone
930-945 Limestone
915-930 Limestone
900-915 Limestone
885-900 Limestone
870-885 Limestone
855-870 Limestone
840-855 Limestone
825-840 Limestone
810-825 Limestone
795-810 Limestone
780-795 Limestone
765-780 Limestone
750-765 Limestone
735-750 Limestone
720-735 Limestone
705-720 Limestone
690-705 Limestone
675-690 Limestone
660-675 Limestone
645-660 Limestone
630-645 Limestone
615-630 Limestone
600-615 Limestone
585-600 Limestone
570-585 Limestone
555-570 Limestone
540-555 Limestone
525-540 Limestone
510-525 Limestone
495-510 Limestone
480-495 Limestone
465-480 Limestone
450-465 Limestone
435-450 Limestone
420-435 Limestone
405-420 Limestone
390-405 Limestone
375-390 Limestone
360-375 Limestone
345-360 Limestone
330-345 Limestone
315-330 Limestone
300-315 Limestone
285-300 Limestone
270-285 Limestone
255-270 Limestone
240-255 Limestone
225-240 Limestone
210-225 Limestone
195-210 Limestone
180-195 Limestone
165-180 Limestone
150-165 Limestone
135-150 Limestone
120-135 Limestone
105-120 Limestone
90-105 Limestone
75-90 Limestone
60-75 Limestone
45-60 Limestone
30-45 Limestone
15-30 Limestone
0-15 Limestone