

PHILLIPS PETROLEUM COMPANY

LEAMIX LEASE, WELL NO. 4

LOCATION: 660' from South Line, 660' from West Line, SW/4, Section 17-17S-33E, Lea County, New Mexico.

CASING: 12 joints, 16" OD, 251.13', set at 266.88', with 220 sacks, full circulation.
101 joints, 10 3/4" OD, 3256.16', set at 3270.64', with 345 sacks, -
Temporary Survey - Top of cement at 2700'

<u>FROM</u>	<u>TO</u>	<u>THICKNESS</u>	<u>FORMATION</u>
0	77	77	Surface formation.
77	235	158	Sand and gravel.
235	1255	1020	Red bed.
1255	1319	64	Lime and shells.
1319	1345	26	Red bed and shells.
1345	1560	215	Broken anhydrite.
1560	2290	730	Soft anhydrite.
2290	2490	200	Salt.
2490	2515	25	Anhydrite and salt streaks.
2515	2605	90	Shale and gyp.
2605	2650	45	Anhydrite with soft streaks.
2650	2690	40	Lime shells and gyp.
2690	3057	367	Anhydrite and gyp.
3057	3086	29	Lime, anhydrite and gyp.
3086	3122	36	Anhydrite and lime.
3122	3233	111	Lime.
3233	3265	32	Lime and anhydrite.
3265	3317	52	Lime.
3317	3398	81	Anhydrite.
3398	3466	68	Broken anhydrite and lime.
3466	3522	56	Anhydrite and gyp.
3522	3648	126	Broken anhydrite.
3648	3798	150	Anhydrite and shale.
3798	3839	41	Anhydrite and gyp.
3839	3889	50	Anhydrite and gyp and lime.
3889	4020	131	Sand and lime.
4020	4067	47	Anhydrite and shale.
4067	4196	129	Brown lime.
4196	4285	89	Gray lime.
4285	4300	15	Lime and gyp.
4300	4369	69	Lime and sand.
4369	4407	38	Broken lime and shale.
4407	4459	52	Lime.
4459	4405	46	Anhydrite and gyp.
4505	4577	72	Lime.
4577	4585	8	Sand and lime.