

CONE RECORD

No.	FROM	TO	REC.	DESCRIPTION
1	11290	11320	26-1/2'	Line and shale 11290-11299 Finely crystalline tan and brown line, trace pin point porosity. 11299-11306 Fine to coarse crystalline very shaley line, no shows. 11306-11310 Medium to coarse crystalline brown line, trace of inner crystalline porosity heavy staining, trace blue fluorescence. 11310-11316-1/2 Medium to coarse crystalline brown line, 10% inner crystalline porosity, good stain and odor, trace blue fluorescence. 11316-1/2 - 11320 Lost.
2	11320	11350	29'	11320-11338 Finely crystalline to coarsely crystalline tan and brown line w/scattered calcite crystals, no shows. 11338-11344 Finely crystalline to coarsely crystalline tan and brown line w/black shale partings, no shows. 11344-11349 Finely crystalline tan line w/black shale partings, no shows.

DRILL STEM TESTS

No.	FROM	TO	CHOKES		WATER CUSHION	TIME TESTED
			TOP	BOTTOM		
1	9350	9400	1"	5/8"	None	2 hours
Wolfeamp, 2 packers, Nothing to surface, Rec. 210' drilling mud, no shows, SFP 0#, BHFP 25-120#, 15 min. S-I Pressure 170#, H. H. 4405-4435#.						
2	9410	9460	1"	5/8"	None	1 Hours
Wolfeamp, 2 packers, nothing to surface, Rec. 90' very slight oil out drilling mud, SFP 0#, BHFP 0-30#, 15 min. S-I Pressure 65# H. H. 4480-4395#.						
3	11255	11290	5/8"	5/8"	None	35 min.
Penn., Gas to surface 1 min. Est. 8.8 MMCF/day, Rev. out, Rec. 1 gal. distillate, Gravity 59° @ 60°, SFP 1100#, BHFP 2915-2650#, 15 min. S-I Pressure 4050#, H. H. 4665-5130#.						
4	11290	11320	5/8"	3/8"	None	2 hours
Penn., Gas to surface 5 min. Est. 5490 MCF/day, Mud to surface 9 min. surface choke plugged 46 min. Cleaned to pits 30 min. Tested w/Gas Dept. test equipment 30 min. Flowed 18 bbls. distillate 30 min. Gravity 55° @ 60°, Rev. out, Rec. 2 gals. distillate on top packers, SFP 0-1900#, BHFP 2450-3700#, 15 min. S-I Pressure 4515#, H. H. 5040-5010#.						
5	12098	12154	1"	5/8"	None	1 hr. 30 min.
Miss., 2 packers, nothing to surface, Rec. 210' drlg. mud, no shows oil, gas or water, SFP 0#, BHFP 90-120#, 15 min. S-I Pressure 180#, H. H. 5500-5415#.						

DEVIATION SURVEYS

DEPTH	OFF VERTICAL	DEPTH	OFF VERTICAL	DEPTH	OFF VERTICAL
60	1/2	7990	1/4	10900	2
384	3/4	8378	1	10976	2-1/2
1900	1/4	8637	1-1/2	11042	2
3224	1/2	8760	1-1/4	11162	2-1/4
3620	3/4	8987	1	11245	2
3897	1-1/2	9359	1-1/2	11370	2-1/4
3985	2	9460	1	11472	2-3/4
4074	1-1/2	9702	3/4	11490	3-1/4
4168	1	9777	1-1/2	11592	3-3/4
4300	3/4	9870	1	11713	4-1/2
4400	1/2	10254	2	11785	5
4500	3/4	10413	1-3/4	11840	4-3/4
4615	1/2	10640	2-1/4	11995	6-1/4