Record of Drill Stem Tests

- 8-1,2-48
 6444 TD. Ran Drill Stem Test with Packer set @ 6316 Perf. 6317 -18 4
 6405 -41 , 5/8" bottom and 1" top chokes. Tool open 9:12PM
 with gas to surface in 7 mins. at rate of 87M for first
 1-2 hours & then toe weak to measure for 1 hr. Gas increased
 to 50M for rest of 4hr and 3min. test. Tool closed @ 1:15AM
 for 15 min. build up. Had started flowing to pits @ 1:20AM
 and tool re-opened @ 1:30AM with oil to surface right away.
 First hr. .69bhls, next 2hrs. 0.00 and last hour 2.76bbls,
 2/10% BSAM, gty. 37.4 corr., gas 43M. Tool closed at 5:15AM
 for 15 min build up at end of 3hr. 45 min second test. Rec.1555 clean oil, gty. 38.8, 179 heavily cut oil and gas cut mud,
 60 and, no water, Howco: hydro 3200#, flow 250#-775#; 15 min
 build up 1975#.
- 8-2,3-48
 6470° TD Ran Drill Stem Test with Packer set @ 6447°, Perf. 6448°-67°, 5/8" bottom and 1" top chokes. Tool open 10:15PN with mild blow air. Gas to surface in 3 hrs. at estimated rate of less that 5M per day. Tool closed 3:15AM for 15 min. build up at end 5 hr. test. Rec. = 205° heavily oil & gas out mud, no free oil, no water. Howes hydro 3300%, flow 200%; build up press. = 600%. Amerada Bomb: hydro in 3185%, out 3160%; flow 0% to 85%; build up 580%.
- 8-3-48
 Ran Drill Stem Test with Packer set @ 6469*.Perf. 6470*-71* & 6473*-92*, 5/8* bottom and 1* top chokes. Tool open 6:25PM w/ light blow air throughout 4 hr. test. Tool closed 10:25PM for 15 min. build up. Rec.- 180* mud, 90* mud cut w/ salt water and 520* salt water. Hydro 3300#, flow 200#-450#; build up 2200#. Amerada Bomb: hydro 3230#; flow 218#-440#; build up 2165#. Water tested: 82,400ppm Chlorides, no sulphides, slight trace of iron.
- 8-13048
 7173' TD Ran Drill Stem Test with Packer set @ 7039'. Perf.-7040'-41' & 7156'-70', 5/8" bottom and 1" top chokes. Tool open 4:30PH with mild blow air that decreased and quit in 34 hrs. Tool closed at 8:30PH for 15 min. build up at end 4hr. test.

 Recovered: 30' mad, Howco: hydro 3500#, flow 0#, build up 0#.

 Amerada Bomb: hydro 3505#; flow 40#, build up none.
- 8-29-48
 Ran Drill Stem Test with Packer set @ 7933*. Perf.-7934*-35* & 7990*-8022*, 5/8* bottom and 1* top chokes. Tool open 6:15AM with mild blow air throughout thr. test and no gas to surface. Tool closed 10:15AM for 15 min. build up. Recovered: 45* mud very slightly oil & gas cut. However hydro \$1000*, flow 0*, build up press. 0*. Amerada Bomb: hydro in \$020*, out 3995*, flow 0*, build up 20*.

SLOPE TESTS

1501	1/2	degrees	5691	1	degree	
3751	straig		5931"	1	degree	
	1/2	degrees	64691	2-1/4	degrees	
7001	1/2		66281	2-1/4	degrees	
9251		degrees	66891	2	degrees	
1170'	straight		67781	1-1/4	degrees	
1373'	straig	nt	69281	2-3/4	degrees	
15651	1/2	degrees	69821	2-1/2	degrees	
1914	straig	ght	7019	3	degrees	
20761	strai		70 50 •	2-3/4	degrees	
2251	1	degree		3	degrees	
24601	1-1/4	degrees	70951	3	degrees	
26281	1-1/4	degrees	7145			
29901	3/4	degrees	72201	2-3/4	degrees	
3261	1/2	degrees	7254	2-3/4	degrees	
33801	1/4	degrees	73431	2-3/4		
36781	ī	degree	74121	2	degrees	
3 768	ī	degree	7468	2	degrees	
3 888 1	3/4	degrees	75201	1-3/4	degrees	
	1	degree	76551	2-1/4	degrees	
4130	1		77501	2-3/4	degrees	
4402		degree	77 8 0*	3 deg	re es	
48821	1-3/4	degrees	7822	2-3/4	degrees	
4970	1-3/4	degrees	78451	2-1/2	degrees	
5029	1-1/4	degree	78851	2-3/4	degrees	
51491	1-1/4	degrees	79251	2-1/4	degrees	
52971	1	degree	79851	2-1/4		
54481	1	degree	1707		•	

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