



L. San Andres

3092'	3101'	3104'	3115'
3132'	3136'	3155'	3157'
3162'	3178'	3181'	

TOTAL - 22 shots

5. GIH with 5-1/2" RTTS-type packer on 3-1/2", 9.3 lb/ft. N-80 workstring with Hydril CS connections. Test tubing while GIH to 6000 psi. Set packer @  $\pm 3040'$ .
6. Acidize Lower San Andres 3092'-3181' and Keely open hole 3283'-3450' using 5,000 gals 15% NEFe HCl containing fines suspension agents and clay stabilizers, with 1800 lbs rock salt in 1800 gals 9 ppg brine.
7. Swab.
8. Fracture treat Lower San Andres 3092'-3181' and Keely open hole 3283'-3450' with 45,000 gals gelled (30# X-Linker/1000 gal) 2% KCl water carrying 149,000 lbs 16/30 Vulcan Texsan sand and 63,500 lbs 12/20 Vulcan Texsan sand.
9. COOH with workstring and packer. GIH with RTTS-type packer on 3-1/2" workstring and set packer at  $\pm 3040'$ . Pump down tubing a mixture of 2 drums of Tretolite SP-362 scale inhibitor and 40 bbls of 2% KCl water, followed by 137 bbls of 2% KCl water. COOH with workstring and packer.
10. Perforate the following depths through 5-1/2" casing with a 4" perforating gun and 1/2" GSC charges, 1 JSPF:

Jackson

2856'	2858'	2861'	2864'	2875'
2880'	2884'	2888'	2896'	2904'
2910'	2919'	2930'	2936'	2940'
2947'	2955'	2960'	2973'	2976'
2989'	3007'	3010'	3021'	3028'
3036'				

Total - 26 shots

11. GIH with 5-1/2" RBP and 5-1/2" RTTS-type packer on 3-1/2", 9.3 lb/ft. N-80 workstring with Hydril CS connections. Set RBP @  $\pm 3060'$ . Set packer above RBP and test RBP to 1000 psi. Dump 2 sacks of sand on RBP. Set packer @  $\pm 2800'$ .
12. Acidize Jackson 2856'-3036' with 6200 gals Pento1 200 (15% HCl) diverting with forty 1.3 SG RCN ball sealers.
13. Shut-in 4 hours. Swab.
14. Pump down tubing a mixture of 1 drum of Tretolite SP-362 scale inhibitor and 20 bbls of 2% KCl water, followed by 130 bbls of 2% KCl water.
15. Retrieve RBP, and COOH with workstring, 5-1/2" packer and 5-1/2" RBP.

16. Perforate the following zones through 7" casing with a 4" perforating gun and 1/2" GSC charges, 1 JSPF:

<u>Premier</u>				
2515'	2517'	2519'	2587'	(4 shots)

<u>Metex</u>				
2351'	2360'	2364'	2390'	2392'
2397'	2404'	2416'	2421'	2429'
2431'	2443'	2462'	2474'	(14 shots)

<u>Loco Hills</u>				
2238'	2247'	2254'	2256'	2261'
2276'	2279'	2286'		(8 shots)

TOTAL = 26 shots

17. GIH with 7" RBP, 7" RTTS-type packer and 3-1/2" OD, 9.3 lb/ft, N-80 workstring. Test tubing while going in hole to 6500 psi. Set RBP @ +2625'. Set packer above RBP and test RBP to 1000 psi. Dump 2 sacks of sand on RBP. Set packer @ +2185'.
18. Acidize Loco Hills 2238'-2286', Metex 2351'-2474' and Premier 2515'-2587' using 2500 gals 15% HCl containing fines suspension agents and clay stabilizers, using forty 1.3 SG RCN ball sealers.
19. Swab.
20. Fracture treat Loco Hills 2238'-2286', Metex 2351'-2474' and Premier 2515'-2587' using 47,000 gals polyemulsion (2/3 lease crude and 1/3 30 lb/1000 gals gelled 2% KCl water with non-ionic emulsifier), carrying 222,000 lbs 16/30 mesh Vulcan Texsan sand.
21. Check TD with SLM. As necessary, COOH with packer and clean out sand. GIH with RTTS-type packer on 3-1/2" workstring and set packer @ +2185'. Pump down tubing a mixture of 2 drums of Tretolite SP-362 scale inhibitor and 40 bbls of 2% KCl water, followed by 136 bbls of 2% KCl water. COOH with packer and RBP laying down workstring.
22. GIH with 2-3/8", 4.7#/ft, J-55 production string. Set tubing @ +3410' and SN @ +3379'.
23. GIH with pump and rod string.