

15 shots

GIH with RTTS-type packer on 2-7/8", 6.5 lb/ft. N-80 workstring. Test tubing while GIH to 4500 psi. Set packer @ $\pm 3260'$.

Acidize Keely 3316'-3370' and Sub Keely 3448'-3454' using 1500 gals of 15% NEFe HCl acid containing fines suspension agents and clay stabilizers, with 300 lbs rock salt in 300 gals 9 ppg brine.

6. Swab. COOH with workstring and packer. Install well head isolation tool.
7. Fracture treat Keely 3316'-3370' and Sub Keely 3448'-3454' down 5-1/2" casing using 30,000 gals polyemulsion (2/3 lease crude and 1/3 30 lb/1000 gals gelled 2% KCl water with non-ionic emulsifier), carrying 142,000 lbs 16/30 mesh Vulcan Texsan sand.
8. Remove well head isolation tool. Check TD with SLM. Pump down casing a mixture of 1 drum of Tretolite SP-362 scale inhibitor and 20 bbls of 2% KCl water, followed by 185 bbls of 2% KCl water.
9. Perforate through 5-1/2" casing with a 4" perforating gun and 1/2" GSC charges, 1 JSPF:

Jackson

2745'	2746'	2764'	2765'	2776'
2777'	2780'	2781'	2788'	2789'
2794'	2795'	2806'	2807'	2823'
2824'	2828'	2829'	2839'	2840'
2841'	2866'	2867'	2878'	2879'
2883'	2888'	2889'		

10. GIH with RBP and RTTS-type packer on 2-7/8", 6.5 lb/ft. N-80 workstring. Set RBP @ $\pm 2940'$. Set packer above RBP and test RBP to 1000 psi. Dump 2 sacks of sand on RBP. Set packer @ $\pm 2690'$.
11. Acidize Jackson 2745'-2889' with 2550 gals 15% NEFe HCl acid with fines suspension agents and clay stabilizers, using forty-two 1.3 SG RCN ball sealers.
12. Swab. Pump down tubing a mixture of 1 drum of Tretolite SP-362 scale inhibitor and 20 bbls of 2% KCl water, followed by 121 bbls of 2% KCl water.
13. Retrieve RBP. Reset RBP @ $\pm 2600'$. Set packer above RBP and pressure test RBP to 1000 psi. Dump 2 sacks of sand on RBP. COOH with workstring and packer.
14. Perforate zones through 5-1/2" casing with a 4" perforating gun and 1/2" GSC charges, 1 JSPF:

Premier

2520'	2521'	2533'	2534'	2549'
2550'				

(6 shots)

Metex

2414'-2424'

(11 shots)

2434'-2451'

(18 shots)

Loco Hills

2302'-2318'

(17 shots)

2324'-2325'

(2 shots)

TOTAL - 54 shots

15. GIH with RTTS-type packer on 2-7/8", 6.5 lb/ft, N-80 workstring. Set packer @ $\pm 2250'$. Pressure test tbg-csg annulus to 1000 psi.
16. Acidize Loco Hills 2302'-2325', Metex 2414'-2451' and Premier 2520'-2550' with 3000 gals 15% NEFe HCl containing fines suspension agents and clay stabilizers, using eighty 1.3 SG RCN ball sealers.
17. Swab. COOH with workstring and packer. Install well head isolation tool.
18. Fracture treat Loco Hills 2302'-2325', Metex 2414'-2451' and Premier 2520'-2550' down 5-1/2" casing using 33,000 gals polyemulsion (2/3 lease crude and 1/3 30 lb/1000 gals gelled 2% KCl water with non-ionic emulsifier), carrying 150,000 lbs 16/30 mesh Vulcan Texsan sand.
19. Remove well head isolation tool. Check TD with SLM. Pump down casing a mixture of 1 drum of Tretolite SP-362 scale inhibitor and 20 bbls of 2% KCl water, followed by 162 bbls of 2% KCl water. GIH with workstring, retrieve RBP and COOH.
20. GIH with existing 2-3/8", 4.7 lb/ft, J-55 production string. Set tubing @ $\pm 3465'$ and SN @ $\pm 3434'$.
21. GIH with pump and rod string.