

CAT WESTERN DRILLING COMPANY

CAWLEY DRAW NO. 1

Section 4, T-22-S, R-22-E, Eddy Co., N. M.

DRILL STEM TEST SUMMARY

- DST No. 1 6338' to 6385' Failed.
- DST No. 2 6338' to 6388' 15 minute preflow, shut in 1 hour, 2 hour regular flow, shut in 3 hours. Gas to surface in 10 minutes on regular flow period, maximum rate 44,000 CFGPD. Recovered 250' GCM. HP 2812#-2812#, FP 189#-135#, 1 hr. SIP 1405#, FP 135#-108#, 3 hr. SIP 2747#.
- DST No. 3 6478'-6524' 15 minute preflow, shut in 1 hour, 2 hour regular flow, shut in 3 hours. Gas to surface in 20 minutes on regular flow period. TSTM. Recovered 90' GCM. HP 2924#-2924#, FP 54#-54#, 1 hr. SIP 1376#, FP 40-54#, 3 hr. SIP 2225#.
- DST No. 4 7005' to 7025' 10 minute preflow, shut in 1 hour, 1½ hour regular flow, shut in 2½ hours. Gas to surface in 10 minutes on preflow period at a rate of 95,550 CFGPD increasing to 128,950 CFGPD. Flow rate during regular flow period was 169,050 CFGPD increasing to 422,950 CFGPD. Recovered 450' distillate. HP 3316#-3390#, FP 121#-175#, 1 hr. SIP 3159#, FP 148#-458#, 2½ hr. SIP 3054#.
- DST No. 5 7272' to 7310' 15 minute preflow, shut in 1 hour, 1 hour regular flow, shut in 2 hours. Gas to surface in 28 minutes on regular flow period. TSTM. Recovered 550' GCM. HP 3497#-3497#, FP 191#-212#, 1 hr. SIP 2054#, FP 127#-212#, 2 hr. SIP 2351#.
- DST No. 6 8440' to 8467' 30 minute preflow, shut in 1 hour, 2 hour regular flow, shut in 3 hours. Gas to surface in 40 minutes on regular flow period. Recovered 710' of mud plus 720' GCM. HP 4131#-4131#, FP - tool plugging, 1 hr. SIP 3418#, FP 403#-403#, 3 hr. SIP 3275#.
- DST No. 7 9060' to 9098' Misrun.
- DST No. 8 9060' to 9098' 30 minute preflow, shut in 1 hour, 15 minutes regular flow, shut in 2 hours. Gas to surface in 3 minutes on preflow at a rate of 7,136,400 CFGPD w/1125# SFP on ½" choke. Flowed at a rate of 6,040,900 CFGPD on regular flow period. Closed tool due to leak in drill pipe. Recovered 505' of GCM and 95' condensate. HP 4458#-4435#, FP 1399#-1905#, 1 hr. SIP 3470#, FP 1237#-1629#, 2 hr. SIP 3470#.
- DST No. 9 9102' to 9130' 30 minute preflow, shut in 1 hour, 1 hour regular flow, shut in 2 hours. Gas to surface in 3 minutes on preflow at a rate of 4,946,400 CFGPD w/775# SFP on ½" choke. Maximum rate on regular flow was 5,414,900 CFGPD w/850# SFP on ½" choke. Recovered 180' condensate plus 30' MC condensate. HP 4550#-4527#, FP 843#-1214#, 1 hr. SIP 3516#, FP 890#-1353#, 2 hour SIP 3516#.

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