

AMERADA PETROLEUM CORPORATION
P. O. BOX 668
HOBBS, NEW MEXICO

J. T. CAUDLE
WELL NO. 6

ATTACHMENT TO WELL RECORD

JUL 27 4 14 PM '65

D. S. T. #1 - 9042' to 9080' - Penn. Zone, 2 hr. test, 4-1/2" DP, 3/4" btm. & 1" top choke. Opened tool with fair blow of air, increased to good blow in 10 mins., gas to surface in 80 mins. Gas Vol. TSTM. Recovered 105' or .6 bbls. slight gas cut mud. HI - 4598, HO - 4598, IFP - 28, FFP - 45. 2 hr. BU in 10 min. intervals - 1208, 1927, 2200, 2307, 2353, 2368, 2381, 2393, 2401, 2409, 2416, 2421 & slightly increasing.

COMPLETION SUMMARY:

Spudded 17-1/2" hole at 12:00 noon and finished to 325' at 7:30 PM 5-26-65. Ran 10 jts. 13-3/8" OD casing set at 323' and cemented with 275 sacks cement. Pumped plug to 296' at 11:30 PM 5-26-65 with 1000# max. PP. Cement circulated. Waited 13-3/4 hrs. Tested with 500# for 1/2 hr. Held OK. Started drilling 11" hole from 325' at 1:45 PM 5-27-65 and finished to 3815' at 7:30 PM 5-31-65. Ran 120 jts. 8-5/8" casing set at 3815' and cemented with 850 sacks cement. Pumped plug to 3750' at 9:00 AM 6-1-65 with 1000# max. PP. Ran temperature survey and checked cement outside 8-5/8" casing at 1775' or 28.1% fill. Waited 25-3/4 hrs. Tested casing with 1500# for 1/2 hr. Started drilling 7-7/8" hole from 3815' at 11:30 AM 6-2-65 and finished to 9436' at 8:00 AM 6-27-65. Cut five cores from 8954' to 9080' and from 9243' to 9436'. Ran 121 jts. 5-1/2" OD casing as liner set at 9435' with top of liner at 3707'. Cemented liner with 750 sacks cement. Pumped plug to 9348' at 9:45 AM 6-29-65 with 2000# max. PP. Ran temperature survey and found cement outside 5-1/2" casing at 6475' or 58.7% fill. Squeezed top of liner at 3707' with 100 sacks cement. Max. PP 2000#. Drilled out to top of liner and tested with 2000#. Drilled out cement inside 5-1/2" casing to 9420'. Tested 5-1/2" casing with 2000#. Held OK. Ran Schlumberger logs. Perforated 5-1/2" casing by Schlumberger Gamma Ray Sonic log from 9005' to 9010', 9042' to 9064', 9240' to 9246', 9260' to 9264', 9325' to 9332' and 9382' to 9388' with one jet shot per foot. Total 49 holes. One mis-fire at 9060'. Set ret. B.P. at 9410' and packer at 9297'. Acidized perfs. 9325' to 9388' with 500 gals. 15% HCl acid. Tested. Non-commercial. Reset B.P. at 9307' and packer at 9201'. Acidized perfs. 9240' to 9264' with 500 gals. 15% HCl acid. Tested. Non-commercial. Reset B.P. at 9150' and packer at 8165'. Acidized perfs. 9005' to 9064' with 1000 gals. 15% HCl acid. Tested. Set C.I. B.P. at 9200' and dumped 1-1/2 sacks cement on top of plug. Top of cement at 9188'. Ran tubing, flow valves & packer. Started producing by gas lift.