

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1000	980	20	Sandstone
980	960	20	Sandstone
960	940	20	Sandstone
940	920	20	Sandstone
920	900	20	Sandstone
900	880	20	Sandstone
880	860	20	Sandstone
860	840	20	Sandstone
840	820	20	Sandstone
820	800	20	Sandstone
800	780	20	Sandstone
780	760	20	Sandstone
760	740	20	Sandstone
740	720	20	Sandstone
720	700	20	Sandstone
700	680	20	Sandstone
680	660	20	Sandstone
660	640	20	Sandstone
640	620	20	Sandstone
620	600	20	Sandstone
600	580	20	Sandstone
580	560	20	Sandstone
560	540	20	Sandstone
540	520	20	Sandstone
520	500	20	Sandstone
500	480	20	Sandstone
480	460	20	Sandstone
460	440	20	Sandstone
440	420	20	Sandstone
420	400	20	Sandstone
400	380	20	Sandstone
380	360	20	Sandstone
360	340	20	Sandstone
340	320	20	Sandstone
320	300	20	Sandstone
300	280	20	Sandstone
280	260	20	Sandstone
260	240	20	Sandstone
240	220	20	Sandstone
220	200	20	Sandstone
200	180	20	Sandstone
180	160	20	Sandstone
160	140	20	Sandstone
140	120	20	Sandstone
120	100	20	Sandstone
100	80	20	Sandstone
80	60	20	Sandstone
60	40	20	Sandstone
40	20	20	Sandstone
20	0	20	Sandstone

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

WELL HISTORY

Spudded 12-1/4" hole at 12:00 noon, 4-24-55. Finished 12-1/4" hole to 1355' at 6:15 AM, 4-26-55. Ran 32 joints of 5-1/2" OD casing set at 1350' and cemented with 800 sacks. Cement circulated. Started drilling 7-7/8" hole with gas from 1355' at 4:00 PM, 4-27-55. Drilled with gas to 3864', drilled with mud from 3864' to 3885'. With total depth at 3864', ran Schlumberger Gamma Ray from Surface to 3864'; Electric Log from 1350' to 3864'; Detail and Microlog from 2700' to 3864'; Caliper Survey from 1350' to 3864'. Ran 93 joints of 5-1/2" OD casing set at 3885' and cemented with 500 sacks. Ran temperature survey and found top of cement outside 5-1/2" OD casing at 83', or 107.9% fill. Perforated 5-1/2" OD casing from 3825' to 3884' with a total of 236 bullet shots.

Ran 2" EUE Tubing set at 3883', 5-4-55. Acidized 5-1/2" OD casing perforations from 3825' to 3884' with 1000 gallons 15% LST Acid. Sand-oil 5-1/2" OD casing perforations with 25,000 gallons oil and 25,000 lbs. of sand.

COMPLETION REPORT

Flowed 39.35 barrels oil and 3.89 barrels water in 6 hours on 42/64" choke.
T.P. 300' to 800'. Gas Volume 181,420 cfpd; GOR 1152; Gravity 35.5 corrected.
24 hour rate: 157.40 barrels oil. Well completed 5-4-55. POLARIS

DEVIATION SURVEYS

623' - 1-1/2" deg., 1160' - 1/2 deg., 1552' - 1-1/2" deg., 2478' - 1-3/4 deg.,
2714' - 1-1/4 deg., 3040' - 1-3/4 deg., 3337' - 1-3/4 deg., 3755' - 1-1/4 deg.