

UNION OIL COMPANY OF CALIFORNIA

Crawford No. 2-27

CORE & DRILL STEM TEST DATA

CORE DATA

RECEIVED

AUG 12 1960

D. C. ...  
ARTESIA, CALIF.

<u>Core No. 1 1,913 - 1,967':</u>	Recovered 54' limey sand with show in intervals 1920-34' and 1948-62'.
<u>Core No. 2 4,900 - 4,958':</u>	Recovered 53.5' sand with streaks of shaly silt bleeding gas and water throughout.
<u>Core No. 3 5,079 - 5,137':</u>	Recovered 58' silty sand with show in intervals 5094-5114.5' and 5125-37'.
<u>Core No. 4 5,137 - 5,192':</u>	Recovered 55' silt and sand with some fracturing and shows in intervals 5137-43', 5148-54', 5176-79' and 5186.5 - 91.5'.
<u>Core No. 5 9,830 - 9,887':</u>	Recovered 57' shale with thin lime streaks.
<u>Core No. 6 9,887 - 9,944':</u>	Recovered 57' shale.
<u>Core No. 7 9,944 - 10,001':</u>	Recovered 57' shale with few scattered dense lime streaks.
<u>Core No. 8 10,001 - 10,058':</u>	Recovered 57' black shale with limey streaks throughout.
<u>Core No. 9 10,058 - 10,073':</u>	Recovered 15' shale and shaley siliceous lime with vertical fractures, no show. Core bbl. jammed.
<u>Core No. 10 10,073 - 10,125':</u>	Recovered 52' shale and shaley lime with vertical fractures.
<u>Core No. 11 10,997 - 11,043':</u>	Recovered 46' shale and shaley lime.
<u>Core No. 12 11,043 - 11,054':</u>	Recovered 10-1/2' including 7-1/2' sandy lime with 3' fractured bleeding gas, 3' limey f.g. and dense sand, bleeding gas upon breaking.
<u>Core No. 13 11,054 - 11,111':</u>	Recovered 55' lime with shale streaks.
<u>Core No. 14 11,152 - 11,155':</u>	Recovered 2-1/2' fine grained sand with shale streaks.
<u>Core No. 15 11,235 - 11,253':</u>	Recovered 15-1/2' sand with black shale streaks.

D.S.T. DATA

<u>D.S.T. No. 1 5,085 - 5,137':</u>	Tool open 60 mins. with no blow to surface. Tool plugged with lost circ. material.
<u>D.S.T. No. 2 5,086 - 5,137':</u>	Tool open 95 mins. with slight air blow throughout. Recovered 270' drilling brine.
<u>D.S.T. No. 3 9,708 - 10,125':</u>	Tool open 3 hrs., gas to surface in 45 mins. (TSTM) Recovered 700' slightly gas cut mud.
<u>D.S.T. No. 4 11,114 - 11,226':</u>	Test failed account of faulty packer seat.
<u>D.S.T. No. 5 11,060 - 11,226':</u>	Tool open 5 hrs. and 5 mins. Tool opened with gas to surface in 6 mins. Flowed gas at rate of 2609 Mcf/d, 12/64" choke, FTP: 3500#. Recovered 1 gal. mud and no condensate in tool.
<u>D.S.T. No. 6 11,232 - 11,360':</u>	Tool open 1-1/2 hours with no surface blow. Rec'd. 15' gas cut mud.

1954

OIL CONSERVATION COMMISSION  
ARTESIA DISTRICT OFFICE

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