

CORE LABORATORIES, INC.



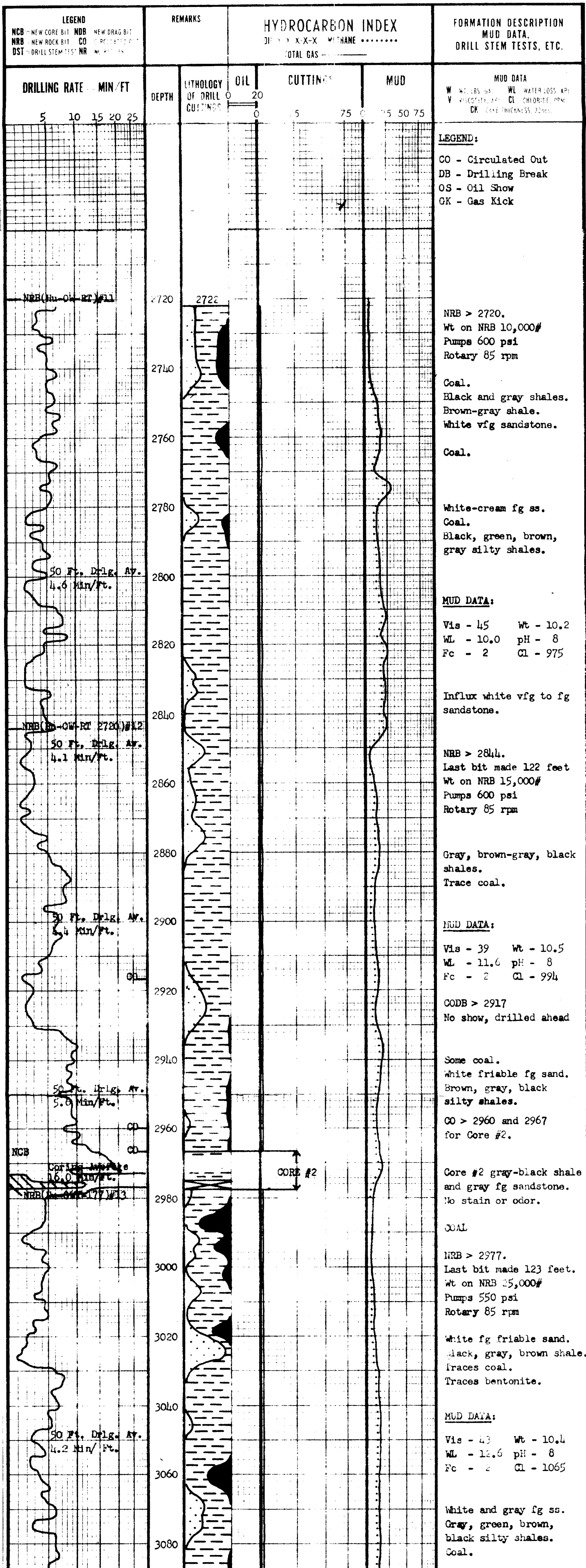
Petroleum Reservoir Engineering

well file

COMPANY CANDADO PRODUCTION CO. DATE ON July 2, 1954 FILE FL-10-581L
WELL #1 DUNCAN DATE OFF _____ ANALYSTS REM, ROA, WHW
FIELD Wildcat DRLG. FLUID Water base ELEVATION 5287' GL
COUNTY San Juan STATE New Mexico LOCATION Sec 15
T20N R14W
30W
29

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Petroleum Reservoir Engineering

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FIELD	Wildcat	DRLG FLUID	Water base	ELEVATION	5287' GL
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SAND 

CONGLOMERATE 

GYPSUM 

SHALE 

CHALK 

COAL 

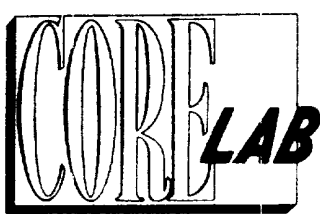
LIMESTONE

SALT

DOLOMITE

CHERT

LEGEND		REMARKS	HYDROCARBON INDEX		FORMATION DESCRIPTION	
NCB - NEW CORE BIT NDB - NEW DRAG BIT NRB - NEW ROCK BIT CO - CIRCULATED OUT DST - DRILL STEM TEST NR - NO RETURNS			OIL X-X-X-X METHANE TOTAL GAS - - - - -		MUD DATA, DRILL STEM TESTS, ETC.	
DRILLING RATE - MIN/FT			OIL	CUTTINGS	MUD	MUD DATA
5 10 15 20 25		20 0	25 75	25 50 75	W - WT. LBS./GAL. WL - WATER LOSS, API V - VISCOSITY, API CL - CHLORIDE, PPM CK - CAKE THICKNESS 32nds	
		LITHOLOGY OF DRILL CUTTINGS	LEGEND: CO - Circulated Out DB - Drilling Break OS - Oil Show GK - Gas Kick			
NRB (Hu. Dr. RT) #11		2720	2722	NRB > 2720. Wt on NRB 10,000# Pumps 600 psi Rotary 85 rpm		
50 Ft. Drlg. Av. 4.6 Min/Ft.		2740		Coal. Black and gray shales. Brown-gray shale. White vfg sandstone.		
		2760		Coal.		
		2780		White-cream fg ss. Coal. Black, green, brown, gray silty shales.		
50 Ft. Drlg. Av. 4.6 Min/Ft.		2800		MUD DATA: Vis - 45 Wt - 10.2 WL - 10.0 pH - 8 Fc - 2 CL - 975		
NRB (Hu. Dr. RT) #12		2840		Influx white vfg to fg sandstone.		
50 Ft. Drlg. Av. 4.1 Min/Ft.		2860		NRB > 2844. Last bit made 122 feet Wt on NRB 15,000# Pumps 600 psi Rotary 85 rpm		
		2880		Gray, brown-gray, black shales. Trace coal.		
50 Ft. Drlg. Av. 4.1 Min/Ft.		2900		MUD DATA: Vis - 39 Wt - 10.5 WL - 11.6 pH - 8 Fc - 2 CL - 994		
DB		2920		CODB > 2917 No show, drilled ahead		
50 Ft. Drlg. Av. 5.8 Min/Ft.		2940		Some coal. white friable fg sand. Brown, gray, black silty shales.		
CO		2960		CO > 2960 and 2967 for Core #2.		
NCB			CORE #2	Core #2 gray-black shale and gray fg sandstone. No stain or odor.		
50 Ft. Drlg. Av. 4.6 Min/Ft.		2980		COAL NRB > 2977. Last bit made 123 feet. Wt on NRB 25,000# Pumps 550 psi Rotary 85 rpm		
NRB (Hu. Dr. RT) #13		3000		White fg friable sand. Black, gray, brown shale. Traces coal. Traces bentonite.		
50 Ft. Drlg. Av. 4.2 Min/Ft.		3020		MUD DATA: Vis - 43 Wt - 10.4 WL - 12.6 pH - 8 Fc - 2 CL - 1065		
		3040		White and gray fg ss. Gray, green, brown, black silty shales. Coal.		
		3060				
		3080				



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