



00212849

FORM PO-214 SHEET 2 (8-56) 30M

## GEOLOGICAL DATA AND DRILLING AND COMPLETION PROCEDURE

FORMATION OR DATE	TOP-DEPTH INTERVAL	REMARKS OR DESCRIPTION AND RESULTS OF WORK
MANCOS		
Shale-Gray	0-2350	
" Sandy	2350-2360	Increase of gas and show of oil at 2350-60'
" -Gray	2360-2380	300' of water came in between 2370-80'
" "	2380-2650	Slight show of gas at 2650'
NIOBRARA	2650-2689	Shale, gray, sandy, fractured. Show of oil at 2650-55'
	T.D.	Fullup 200' and increase of gas at 2655-60'. Increase of oil with 400' fillup at 2660-65'. At 2689' hole had filled up to 1700'.
<u>COMPLETION PROGRAM</u>		
8-29-56		Set 5-1/2" casing at 2604'
8-31-56		
to		
9-2-56		Drilled to T.D. 2689' with cable tools.
9-3-56		Ran tubing and set at 2637. grd.level.
9-10-56		Placed well on production.
<u>CASING RECORD</u>		
	44' - 13"OD 10-VT50#, R-40, Casing	2-Jts.
	3' - Set below grd.	
	1' - K.B. Elevation above grd.	
	48' - Setting depth	
	Cemented with 7-sx. cement	
	1.5' - 10-3/4" 8-RT. Howco Float Shoe	
502.0'	10-3/4" 8-RT. 40, 5# H-40, R-2, ST&C Casing	16-Jts.
503.5'	Total	
2.0'	Set below grd.	
1.0'	K.B. Elevation above grd.	
506.5'	Setting Depth	
	Cemented with 150-sx. cement and 2% Ca.Chl. After cement set 36-hrs. bailed hole dry and tested before drilling out plug at 490'.	
	2' - 5-1/2" Howco Float Shoe	
2600'	5-1/2" 8-RT. 14# J-55, R-2, ST&C, Casing	85-Jts.
2602'	Total	
	1' Set Below grd.	
	1' K.B. Elev. above grd.	
2604'	Setting depth	
	Cemented with 100-sx. cement 2% Ca.Chl. and 2% gel. After cement set 36-hrs. bailed hole dry and tested before drilling out plug at 2566'.	
<u>TUBING SETTING</u>		
	29' 2-3/8" 8-RT. 4.7#, J-55, R-2, EUE Tubing (Perf. Anch)	1-Jt.
2608'	2-3/8" " " " " " "	85-Jts.
2637'	Setting depth, grd.level	
TOHM-OGCC-PWG-HSM-M-JOG		

WELL QUAINANCE HOCKING, #10 FIELD TOW CREEK

AREA HAMILTON