

UNION OIL COMPANY OF CALIFORNIA
DISTRICT OFFICE - MIDLAND, TEXAS

DRILLING PROGRAM

Field: Undesignated (Morrow) Location: 990' FSL & 1980' FWL, Section 26,
T-19-S, R-33-E, Lea County, New Mexico.

Well Name: LAGUNA DEEP UNIT FEDERAL WELL NO. 2

Estimated Total Depth: 13,700'

Drilling Data: 10' drlg time 2800'-TD

Samples: 10' samples 3100'-TD

Estimated Formation Tops:

Base/Salt	2990'	Atoka	12,305'
Bone Spring	8140'	Upper Morrow	12,820'
Wolfcamp	10,825'	Middle Morrow	13,000'
Cisco	11,765'	Lower Morrow	13,320'
Strawn	12,070'		

Logs: Dual Laterolog, Comp Neutron-FDC-GR 3300-12,300' (GR to surface)
Dual Laterolog, CNL-FDC-GR 12,300'-TD

DSTs: Test indicated productive zones after logging

Cores: None

Deviation: 1°/100' maximum rate of change

Casing & Mud Program:

Depth	Size Hole	Casing	Cement	W.O.C.	Mud		
					Wt.	Vis.	W.L.
0'-1370'	17½"	13-3/8"	*900 sx	24	As needed to spud		
1370'-3300'	12¼"	9-5/8"	**800 sx	24	Brine Water		
3300'-12,300'	8-3/4"	7"	***1900 sx	24	Water		
12,300'-13,700'	6-1/8"	5"	****	24	10-10.2	32-40	5

Rig to be released after nipping up 5" casing.

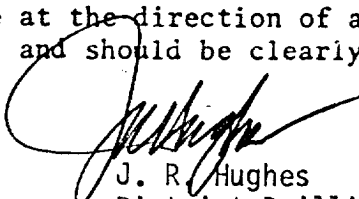
* Cmt w/700 sx Class "C" w/4% gel & 2% CaCl₂, followed w/200 sx Class "C" w/2% CaCl₂. ** Cmt w/600 sx lite wt w/¼# flocele & 15# salt, followed w/200 sx Class "C" w/¼# flocele & 15#

salt. *** Cmt w/600 sx lite wt w/0.6% Halad 22, followed w/200 sx Class "C" w/0.6%

Halad 22. Cmt thru DV tool @ 8500' w/600 sx lite wt w/0.5% CFR-2 & 0.6% Halad 22A, followed

w/100 sx Class "H". Cmt 3rd stage thru DV tool @ 3500' w/300 sx lite wt, followed w/100 sx Class "C". **** Cmt to be calculated after logging.

NOTE: Changes in the above program will be at the direction of a qualified Union Oil Company of California representative and should be clearly indicated on the program posted at the rig.


J. R. Hughes
District Drilling Superintendent