

Leo R. Manning Fed "b" NCT-1 #3

Spudded 9-7/8" hole 3:00 p.m., March 7, 1963. Ran 514' 7-5/8" OD casing and cemented at 524'. Cement with 350 sacks of Inco 4% Gel and 100 sacks of Class "A" cement. Plug at 498'. Job complete 6:17 a.m., March 8, 1963. Tested 7-5/8" OD casing before & after drilling plug with 600 psi. Test ok. Job complete March 9, 1963.

Ran 3338' of 4-1/2" OD casing and cemented at 3349' with 300 sacks of Inco with 10% salt. Plug at 3347'. Job complete 4:30 a.m. March 20, 1963. Tested 4-1/2" OD casing for 30 minutes before & after drilling plug with 1000 psi. Test ok. Job complete 8:00 a.m., March 21, 1963.

Ran electric logs March 27, 1963.

Perforate 4-1/2" OD casing with 1 jet shot per interval - 2806', 2813', 3015', 3022', 3332', 3336', 3345'. Acidize above perforations with 800 gals 15% LST NEA in 8-100 gallon stages with ball sealers between stages. Frac above perforations with 30,000 gals of refined oil.

On 24-hr. potential test well pumped 246 BO and 12 BW.

Gravity - 30°
GOR - 385
Top of Pay - 2806'
Bottom of Pay - 3345'
USGS Date - 3-20-63
TEXACO Date - 4-15-63

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I J. G. Blevins, Jr. being of lawful age and being the
Assistant District Superintendent for Texaco Inc., do state that the
deviation record which appears on this form is true and correct to the best of my
knowledge.

J. G. Blevins, Jr.

Subscribed and sworn to before me this 16th day of April 1963.
My Commission Expires October 20, 1966.
for Lea County, State of New Mexico Notary Republic R. E. Johnson
R. E. Johnson

Lease Leo R. Manning Federal "b" NCT-1 Well No. 3

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
450	1/4
750	1/2
968	1/2
1400	1/2
1801	1
2328	3/4
2575	1/2
2912	3/4
3225	1/2
3350	1/2