

LEO R. MANNING FEDERAL "B" NCT-1 NO. 8

RECEIVED
OCT 16 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Spudded 9-7/8" hole 11:30 P.M. 9-26-63.

Ran 520' of 7" O.D. casing and set at 533'. Cement with 350 sacks of Class "C" 4% Gel plus 100 sacks of Class "C" Neat. Job complete 7:30 P.M. 9-27-63. Tested 7" O.D. casing before and after drilling with 600 psi. Tested OK. Job complete 10:00 P.M. 9-28-63.

Ran 3370' of 4-1/2" O.D. casing and cemented at 3380' with 350 sacks of Class "C" with 10% salt in water. Job complete 3:00 A.M. October 6, 1963. Tested 4-1/2" O.D. casing for 30 minutes with 1000 psi. Job complete 6:00 A.M. 10-7-63.

Ran Acoustic Gamma Log 10-5-63.

Ran 3370' of 4-1/2" O.D. casing and set at 3380'. Perforate 4-1/2" O.D. casing and set at 3380'. Perforate 4-1/2" O.D. casing with 1 jet shot per interval 2788', 2795', 3016', 3022', 3309', 3332'. Acidize perforations from 2728-3332' with 1700 gallons of LSTNE in 6 stages with a ball sealer between stages. Fracture down 4-1/2" casing with 55 gallons of Controlflo in 10 barrels of lease crude and with 30,000 gallons of refined oil with 1-1/2# sand per gallon with 550 cubic feet CO₂ per barrel. On 24 hour potential test ending 6:00 P.M. 10-13-63 well flowed 396 barrels oil and no water through a 8/64" choke.

Gravity	31.2
GOR	456
Top of Pay	2788'
Bottom of Pay	3332'
USGS Date	10-5-63
TEXACO Inc. Date	10-13-63

RECEIVED
OCT 17 1963
D. C. C.
ARTESIA, OFFICE

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.

RECEIVED
OCT 16 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

[Signature]
Subscribed and sworn to before me this 14th day of October 1963.

Notary Republic [Signature]

for Lea County, State of New Mexico

My Commission Expires October 20, 1966.

Lease Leo R. Manning Fed. "B" NCT-1 Well No. 8

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
447	1/2
784	1/2
1333	2-1/2
1830	1-1/2
2297	3/4
2683	1/2
3010	1/2
3380 TD	1/2

RECEIVED
OCT 17 1963
O. C. C.
ARTESIA, OFFICE