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JUL 23 1963

Attachment for U.S.G.S. Form 9-330

Shell Oil Company
Henshaw Deep Unit # 7 ☐ C. C. C.
660' FNL & 660' FEL, Section 24, OFFICE
T-16-S, R-30-E, Eddy County,
New Mexico
NE/4 NE/4, Section 24

HISTORY OF WELL

Henshaw Deep Unit # 7 was spudded April 24, 1963 at 1:00 PM, MST, w/Cable Tools. Drilled to 515'. Cemented 10 3/4" casing at 510' w/250 sx. Rigged up Rotary Tools. Drilled 9 5/8" hole to 3052'. Cemented 7 5/8" casing at 3051' w/ 350 sx. Drilled 6 3/4" hole to 8900'. Cored from 8900' - 9059'. Drilled to 9250'. Ran GR/N, 2I-LL, & Px-ML logs. Ran DST # 1A: 8908' - 8953' (45' Wolfcamp). Packer failed. Ran DST # 1B: Straddle Test 8918' - 8953' (35' Wolfcamp). Tool open 1 1/2 hours thru 5/8" BC, 1" TC, 3 1/2" DP. Opened w/fair blow, continued fair throughout test. Recovered 570' (3.6 bbls.) gas cut mud + 1930' (14.3 bbls.) gas and mud cut salt water. 30 minutes ISIBHP 3541 psi. FBHP 128 - 1193 psi, 90 minutes FSIBHP 3374 psi. HMP In/Out - 4357/4273 psi. Blanked off chart below bottom packer. ISIP 3837 psi. FBHP 2981 - 3072 psi. FSIP 3544 psi. HMP In/Out - 4513/4445 psi. Temperature 130 deg. F. Recovered water titrated 69,000 ppm Cl⁻. Pit mud titrated 1900 ppm Cl⁻. Spotted cement plugs as follows:

50 sx. Incor	3000' - 3200'
50 sx. Incor	4200' - 4400'
25 sx. Incor	6450' - 6550'
50 sx. Incor	7850' - 8050'
25 sx. Incor	8500' - 8600'
50 sx. Incor	8850' - 9080'

Pulled 1338' of 7 5/8" casing. Spotted cement plugs as follows: 50 sx. at 1338'; 35 sx. at 550'; 20 sx. at surface. Erected prescribed marker. Well plugged and abandoned July 10, 1963.

LOG TOPS:

Base Red Beds	321' (+3569')
Yates	1567' (+2323')
Seven Rivers	1819' (+2071')
Queen	2386' (+1504')
Grayburg	2778' (+1112')
San Andres	3111' (+ 779')
Yeso	4594' (- 704')
Drinkard	5838' (-1948')
Abo	6597' (-2707')
Wolfcamp	7896' (-4006')
Rake	8427' (-4537')
Pay Marker	8781' (-4891')

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

R. A. Lowery
R. A. Lowery
District Exploitation Engineer

JUL 12 1963