

ATTACHMENT FOR USGS FEDERAL FORM 9-330

June 24, 1963

SHELL OIL COMPANY

INTERNATIONAL-McKEE FEDERAL # 1
1980' FSL & 1980' FEL, SECTION
27, T-20-S, R-25-E, NMPM SURVEY
ELIX COUNTY, NEW MEXICO

HISTORY OF OIL OR GAS WELL

Shell International McKee Federal Well No. 1 was spudded at 12.30 PM, March 29, 1963. Drilled 17 1/2" hole to 223' and cemented 13 3/8" casing w/200 sx. Drilled 12 1/4" hole to 2145' and cemented 9 5/8" casing at 2142' w/860 sx. Ran GR/S Survey. Drilled 8 3/4" hole to 6976'. Ran DST # 1: 6800' - 6976'. Tool open 2 hours. Recovered 180' (1.3 bbl.) drilling mud with no shows. Drilled 8 3/4" hole to 7131'. Ran DST # 2: 6991' - 7131'. Tool open 2 hours. Recovered 1190' (11.9 bbls.) drilling mud with no shows. Drilled 8 3/4" hole to 8018'. Ran DST # 3: 7833' - 8018'. Tool open 30 minutes. GTS 50 minutes. ISFM. Recovered 1080' (15 bbls.) heavily gas cut mud + 870' (7.0 bbls.) drilling mud w/no shows. Drilled 8 3/4" hole to 9834'. Ran DST # 4: 9613' - 9834'. Tool open 2 hours. Recovered 230' (1.7 bbls.) mud w/no shows. Drilled 8 3/4" hole to 9929'. Ran GR/N, ML-Prox. & ILL-8 surveys. Drilled 8 3/4" hole to TD 10,225'. Ran GR/S and ERS log. Spotted cement plugs as follows: 80 sx. - 8400' - 8200'; 40 sx. 7100' - 7000'; 40 sx. - 5300' - 5200'. Set 9 5/8" CIBP at 1364' and capped w/2 sx. cement. Perforated San Andres 1186' - 1191', 1239' - 1241', 1243' - 1246', 1267' - 1270', 1274' - 1278', & 1281' - 1287' w/2 JSPF. Set HW packer at 1215'. Treated above packer w/750 gallons 15% Spearhead acid and below packer with 750 gallons 15% Spearhead acid. Raised packer above all perforations to 1170' and swabbed dry. Treated via 9 5/8" casing w/15,000 gallons lease crude containing 1# 20-40 Mesh sand and 1/20# Mark II Adomite/gallon in 2 stages using ball sealers. In total of 13 hours swabbed 57 BO + 62 BW and recovered 369 barrels of oil under load and 56 bbls. water over load. Spotted cement plugs as follows: 40 sx. 1050' - 1150'; 20 sx. surface - 50'; erected prescribed marker. Well plugged and abandoned June 8, 1963.

RECEIVED
JUN 11 1963
U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

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District Exploitation Engineer