SANTA FE FILE U.S.G.S. Porm C-101 Revised 1-1-65 SA. Indicate Type of Lease STATE FEE
FILE SA, Indicate Type of Leave
U.S.G.S. STATE X FEE
5 Story OU C C . Larry N
OPERATOR S. SIGE OF A GOS LAISO NO. B-2516
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 7. Unit Agreement State 7. Unit Agreement State
Ta. Type of Work DRILL DEEPEN X PLUG BACK SMGSAU
b. Type of Well 8, rdm or Ledse Name
OIL GAS WELL OTHER Water Injection SINGLE X MULTIPLE TONE TONE 7 2. Name of Of grator 9. Well No.
CITIES SERVICE COMPANY 3W
3. Address of Operator 10. Field and Pool, or Wildon't
P. O. Box 1919 Midland, Texas 79702 Maljamar (G-SA) 4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE
4. LOCATED 600 FEET FROM THE SOUTH LINE
AND 990 FEFT FROM THE East LINE OF SEC. 29 TWP. 175 RGE. 33E NMPM
All III III III III III III III III III
19. Froposed Septh 19A. Formation 20. Actory of C.T.
4400' Grybg - SA Completion U
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will stort
4075' GR Required/Approved N/A Sept. 1, 1981
PROPOSED CASING AND CEMENT PROGRAM
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP
- 1 1 25# 1 404Z 1 ±00 1
O.T.D. 4341' Dolomite. It is proposed to squeeze open hole, repair casing, sidetrack old hole and deepen, run liner and recomplete this well in the following manner: MIRU double derrick unit. Pull tbg & pkr. Set 7" retainer on wireline in bottom 5' of csg joint at approximately 4000'. RIH w/seal assembly on 2 7/8" tbg & land in retainer. Squeeze open hole w/500 sx Cl C cement high pressure squeeze (5000 psi). Reverse out excess cement. Run Vertilog (csg inspection) from retainer to surface to evaluate csg. If necessary, cement squeeze holes in csg. WCC. Drill out cement to cement retainer & test csg to 1500#. GIH w/4° permanent whipstock & set on retainer at 4000' & mill out window through csg. Drill a 4° whipstock hole to a deeper T.D. of 4400'. Run 600' of 5" OD 15# K55 ST&C csg from 3800-4400'. Hang liner at 3800' & cement w/Cl C w/0.5% CFR-2, 7# Salt & 3# Sd/sk. Drill out liner top & cement to 4395', new PBTD. RU Schlumberger. Run GR-CNL & GR-CCL-CBL PBTD to top of liner. Perf Premier Sd intervals as determined from logs w/2 SPF. AZ w/5000 gal 15% Ne ac & RCNC bal diverters. SD for 1 hr & establish injection rate. RIH w/new PL injection tbg & pkr & set at approximately 100' above perfs. Load annulus w/treated FW. ND BOP & NU WH. Tie in injection line & start injection.
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