

Attachment to 9-131A

Report on casing shut off 7" egs and perforating -

SOUTHWEST PRODUCTION CO., Caltow Federal #1

See. 33 T29N R13W San Juan Cty

TD 6070' PBD 6022.46'

Run 7" LMC 26' egs to 6069.66 w/one DV tool @ 5570', second DV tool at 1720', cemented Dakota section w/ 90 ex, top of cement @ 5570' or DV tool. Lost circulation while circulating out excess cement above tool. Moved out drilling rig, moved in completion rig. Opened top tool @ 1720', broke circulation, cemented fractured clints w/150 ex picked up tubing drilled out DV tool @ 1720' set packer 30' above bottom DV tool(5540'), displaced 125 ex -75 ex 1 1/2 Formix 25 gal 12/ Gilmartin added, and 50 ex Reg HE. Waited on cement 36 hrs. drilled out to 6022-46. Perforated Dakota(see) zone w/2 1/2 JSPF-

Dakota Perfs: 5810-5846; 5900-5926; 5934-43

Treated w/1500 gals MCA 15% and 70,000 gals water, 70,000# 20/40 sand Max press 3100# Min press 1900# Inj Rate 56.5 BPM

Set Baker Model D Production (Latch Type) Packer @ 5754' w/knockout Plug in bottom. Shot 4 1/2 holes at 5160' set Packer above and runned for test on cement job. 26 hrs. cleaned out pressured up to test for job, broke down @ 1400#, set Fall Here Retrievable @ 5130', displaced 100 ex Reg HE MOC 36 hrs cleaned out to top of Model D packer. Pressured up to test, pumped in @ 2800# squeezed w/17 ex HE to 3000#. MOC 36 hours, cleaned out to top of Model D. Perforated Gallup Zone: (OAI)

Gallup Perfs: 5164-5204; 5218-5266 w/ 2 1/2 JSPF

Set Packer above parts A/2000 gal MCA 15% runned for test. Recovered acid and new oil after clean up

27/60,000 gals oil w/16BMC flushed w/252 bbls. oil 50 bbls. overflush Max Press 2300# Min press 2100# Break Down Pressure 1100# at 1300# 15 min circulation 1500# in Rate 60 BPM waited 8 hrs after free Press 900#, bled off pressure slowly ran tubing w/packer, runned for production test, runned 500 bbls. well started to flow; produced 90 bbls. First 8 hrs. through 1 1/2" ch tubing pressure 300#

Dual completion application will be filed with New Mexico Oil Conservation Commission

1970
The following information was obtained from the files of the Department of the Interior.

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