

- 5-1-61 Cloud date. Contractor Brannon & Murray Rig No. 2.
 5-7-61 Ran 9 joints 9 5/8", 32.3# H-40 casing (276') set at 291' w/320 sacks 50/50
 Formix 2% HA-5 circulated to surface. Held 600#/30 minutes.
 5-12-61 Lost one cone.
 5-13-61 Trip with magnet. Recovered fish. Reaming & washing. Drilling.
 5-15-61 Lost circulation. Regained same.
 5-22-61 Tight hole. Reaming.
 5-25-61 Total Depth 6737'.
 5-26-61 Ran Welox logs. I-ES, Forxo & Gr to 6735'.
 5-27-61 Ran 212 joints 4 1/2", 9.5# J-55 casing (6726') set at 6736'. Cemented 1st
 stage w/240 sks. regular. 4% gel, 1/4# fine tuffplug/sk., 1/4# Flocele/sk.,
 0.4% R-2 followed by 50 sks. regular, 0.4% R-2. Cemented 2nd stage w/210 sks.
 regular, 6% gel. 1/2 cu. ft. Strata-Crete"6"/sk. Cemented 3rd stage w/140 sks.
 WYS-400. Held 1500#/30 minutes.
 5-29-61 C.O.T.D. 6708'. Water frac Dakota perf int. 6504-6508;6548-6570;6608-6618;
 6658-6666;6674-6680;6688-6692 w/55,000 gallons water, 50,000# sand. BDP 1450#,
 max pr 4000#. avg tr pr 3500-3000-3600-3200-3800#. IR 40 BPM. Flush 5200 gallons
 3 ball drops - 2 of 15 and 1 of 10. Spotted 500 gal MCA before perforating.
 Frac water contained 7# WG-4/1000 gal.
 5-30-61 Blowing well.
 5-31-61 Well gaged 248 MCF. Making sand & water. Blowing.
 6-1-61 Well gaged 333 MCF. Blowing. Ran McCullough injector Electric Isotope tool
 & tracer logs. Found approximately 1/6 of fluid going out bottom of casing.
 Dakota "A" Zone 6548-6570, apparently taking most of fluid.
 6-2-61 This well was Plugged & Abandoned in the following manner:

1. Spotted 30 sack cement plug from 6705 to 6325'.
2. Bolted steel plate with 4' x 4" dry hole marker to braden head.

- 5-20-62 Turned over to PGAC for cement Bond log. They found gas coming from inside casing, from one of stage collars.

WORKOVER

- 12-17-62 Moved on & rigged up Stone Rig No. 2.
 12-18-62 Drill cement, Ran Bond log which indicated excellent bonding over entire Dakota interval.
 12-19-62 Ran Gamma Ray corr. log. Set Baker cast iron Bridge Plug @ 6716'. Ran Baker full bore pkr. @ 4870'. Pressured to 2000# on casing, held O.K., pumped in @ 1400#, thru tubing. Set pkr. again @ 6520', casing would not hold, re-set pkr. @ 6460', casing held 2000# O.K.; set pkr. @ 6705. bridge plug, held 3000# O.K.; set full bore pkr. @ 6640'. pumped below packer @ 3000#, bled to 2400# in 5 min. pumped in casing @ 1600#. set pkr. @ 6580', pumped in below packer @ 3000#, bled to 2300# in 5 min. P.I. casing @ 1300#. set pkr. @ 6520'. P.I. below packer @ 2700#, bled to 1100# in 5 min. P.I. casing @ 1100#. Set Baker C.I. Bridge Plug @ 6600'. Perf from 6594-90;6568-64;6552-48 w/2 SPF & 6508-04 w/1 SPF. Set Baker full bore pkr. @ 6580', spotted 300 gallons spearhead acid thru pkr, unable to put acid away - perforations break pressure 4500#, leaking off to 3500#, no break down.
 12-20-62 Fraced well w/50,400 gal water, 46,000# 40/60 sand, 1% HCL acid water. Flushed with 4500 gal water. IR 36.2 BPM BDP 3100#, MP 3300#, min 2600#, tr pr 3100-2650-2700-3000-3050-3300#. ISIP 1600#, 5 min. 1400#, Dropped 6 set of balls (12,20,20,5,5,5) total of 67 balls. Blowing well.
 12-21-62 Blowing well. gauged 614.8 MCF/D.
 12-22-62 Ran 214 jts. 2 3/8" O.D..4.7#, J-55, EUE tubing 6562' set @ 6574'. Pumped out plug. Released Rig.
 1-16-62 Date well was tested. Ch. Volume 1357 MCF/D; A.O.F. 1428 MCF/D