

WELL: New Mexico "G" State #9

OBJECTIVE: Plug and Abandon Well.

BACKGROUND: This well is uneconomical to produce and has no remaining uphole potential.

Formation PSI: < 1000

W.O. Fluid: 10 BW

Max. Anticipated SITP: < 500 psi

BOP Class: III

BOP Variances apply: Yes

Prod. Cas. 5-1/2" 14# J-55

Minumum Drift ID: 4.887

Max. Burst (wl.1 SF): 3881 psi

BOP Service: Sour

High risk H2S equip req: No

1. Notify the New Mexico Oil and Gas Commission 24 hrs. prior to commencing plugging operations at (505) 393-6161 and inform them of our intent to P&A. (Contact person Paul Kautz)
2. Use class C cement for all plugs. Mix cement using 6.3 gals. per sack mix-water for a 14.8 ppg weight and 1.32 cubic ft/sk yield. Mud laden plugging fluid consisting of 10 ppg brine containing 25 lbs. of salt gel per bbl/BW is to be placed in wellbore between cement plugs.
3. Check pressures on all casing annuli. Report any annular pressure found to the Exxon supervisor and discuss safe and appropriate blow down procedure. Attempt to bleed pressures to zero. For any pressure that will not bleed to zero, first review with Field Supt. then inform the Subsurface Engineer. Document all annular pressure activity on the Morning Report.
4. Pull test rig anchors per Exxon guidelines in Operations Bulletin No. 52 (Dated 1/25/88) prior to rigging up. Send results and charts to the Midland Office Central Files. Install new anchors as needed.
5. MIRU WSU. Ensure that well is dead. (Kill well by pumping 10.0 lb brine water down the kill string if necessary. Wellfile shows that there are 89 jts of 2-3/8" tubing and packer in the hole set at 2866'). Install and test a Class III BOP as per Exxon guidelines in the Division Workover Manual.
6. Release packer, RIH with an addtl 23 jts of tubing and tag TOC on CIBP (approx 3547') to ensure cement and plug are still intact. Previous WS report does not make reference to having tagged the plug.
7. POOH standing the 2-3/8" tubing back in the derrick visually inspecting the tubing on the trip out of the hole. If the tubing is good use it to P&A the well. If the tubing is bad, lay it down and PU a workstring.