

Procedure by JSS

FIELD: Burton Flat

1. Test rig anchors per Ops Bulletin #52 and keep charts in Field Office.
2. MIRU well service unit. Ensure well is dead, then POH with rods and pump.
3. Nipple up Class III BOP and test per company guidelines.
4. Unset tubing anchor, circulate hole clean with clean field brine, then POH with production tubing and BHA.
5. MIRU wireline and nipple up Class II lubricator/wireline BOP assembly and test per company guidelines.
6. RIH with CIBP and set just above Bone Springs perfs at approximately 5,400'. Dump bail 35' of cement on top of CIBP. Test CIBP to 1000 psi.

Plug Set:

---- Depth ----			Tagged
Top'	Bottom'	Type Plug*	(yes/no)
<u>5400</u>	_____	<u>CIBP(WIRELINE SET)</u>	<u>NO</u>

7. Perforate Brushy Canyon as follows: (NOTE: All depths given below are CASED HOLE DEPTHS. Open Hole depths are 5' lower.

Perforate:

Service Company* BLACK BLACK WARRIORGun Type* RHSC RETRIEVABLE HOLLOW STEEL CARRIERGun Size 4 (inches)Correlation log type Great Guns CCL/GR dated 12/6/84Phasing 120Location 2300' FSL, 600' FWL; Sec 1; T-21-S; R-27-ECorrected collars 4554,4515,4473.5,4434,3160,3122,3082,2961,2921Correlation Tie in point Hot gamma @ 4095',4446,2974.5,2990

top of	Bottom of	Spacing	Shots	Total
Interval	Interval		per ft	
<u>4395</u>	<u>4430</u>	<u>1</u>	<u>2</u>	<u>72</u>

(if spacing = 5 and shots/ft = 2, then every 5 ft shoot 2 holes)

8. POH w/ perf gun. Ensure all shots fired. RD Black Warrior and RIH with treating packer and production tubing to 4395'.

9. Acidize Brushy Canyon w/ 7.5% HCL as follows, prepare to swab back load and test for high fluid entry the same day:

RU Dowell and spot 3 bbls acid across perf interval while
 PUH w/ packer to 4250'. Flush backside with 5 bbls of KCL water.
 Set pkr. Pump acid below using 35 (1.1 SG) ball sealers. Drop a
 ball after approximately each bbl of acid pumped. Displace with 25
 bbls of KCL water. Hold 500 psi on tbg backside during acid job.

Stimulate:

Service Co* DOWEL DOWELL-SCHLUM