UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 44

1. Type of Well Oil Well Oil Well Oil Well Oil Well 2. Name of Operator Vulcan Minerals & Energy, c/o NMOCD Aztec District Office 3. Address & Phone No. of Operator 1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178 4. Location of Well, Footage, Sec., T, R, M 6. If Indian, All. or Tribe Name Navajo 7. Unit Agreement Name Horseshoe Gallup 8. Well Name & Number HSGU #4 9. API Well No. 30-045-10228 10. Field and Pool Horseshoe Gallup 660' FNL and 660' FWL, Section 32, T-31-N, R-16-W 11. County & State			RECEIVE	D 5.	Lease Number BIA #14-20-603-734
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William F. Clark	8/26/0	tubing with Baker Model ", 5.5" CR at 1043'. Sting of 625#, held OK. Plug #1 685' to isolate the Gallup bradenhead valve to surfa BH annulus clean. Plug surface, circulate good of wellhead. Found cement MOL.	A" packer. Round trip 5.5" casing ut of CR. Circulate casing clean with CR at 1043', spot 37 sxs Ty interval. TOH and LD tubing. Prace. Note: had oily returns, circula #2 with 49 sxs Type III cement (fement out the bradenhead. Shu at the surface. Mix 15 sxs cement.	scraper and A+ workstr vith 25 bbls of water. Pr pe III cement (49 cf) inserforate 2 holes at 151'. te total of 37 bbls of wat 65 cf) pumped down the t in well. WOC. ND B	ing to 1075'. TIH and set essure test 5.5" casing to side casing from 1043' to Establish circulation out er over 1 hour to circulate 5.5" casing from 151' to OP. Dig out and cut off
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