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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Jicarilla Tribal Contract No. 13 Tract No. 21

NOTICE OF INTERNITION TO CHANGE PLANS. NOTICE OF INTERNITION TO TEST WATER SHUF-OFF NOTICE OF INTERNITION TO TEST WATER SHUF-OFF NOTICE OF INTERNITION TO TEST WATER SHUF-OFF NOTICE OF INTERNITION TO SHOOT OR ACIDIZE NOTICE OF INTERNITION OR ACIDIZE NOTICE OF INTERNITION TO SUBOL OR ACIDIZE NOTICE OF INTERNITY OF ALTERNITY WELL HISTORY NOTICE OF INTERNITY WELL HI		INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER SHUT-OFF.	X
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Vell No. 2-23 is located 990 ft. from S line and 990 ft. from SEA SEA Section 23 T-24-N R-5-W MPM Otero PC (Typ.) (County or Subdivision) (Meridian) (Meridian) (Meridian) (State or SANO) (Pield) (County or Subdivision) DETAILS OF WORK DETAILS OF WORK Inte names of and expected depths to objective anaday show sizes, weights, and longths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) Total Repth 3329. Top LaVentana Formation 3223 and top Pictured Cliffs Formation 2390 by electric log. Samples and electric log evaluation indicate no production in the La entana Formation. Plugged back to 2534 in Lewis Shale. Set 2564 of 42 9.50 J-55 casing at 2572 and cemented w/ 160 sacks regular cement. Plug down at 5:45 PM Monday June 22nd. W-0-C. Perforated casing 2470 to 2486; 2452 to 2464; 2414 to 2428; 42 with 168 shots. Treated perforations with 200 gallons mud acid. 72% Water frac with 60,000 sand and 60,000 gallow water. Injection rate 39.9 barrels per minute. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. I wonderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. The Diack ford		(INDICATE	ABOVE BY CHECK MARK N	NATURE OF REPORT,	NOTICE, OR OTHER DATA)	VERMAR AND IN THE
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