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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Land Office	Santa Fe
Lease No.	SF-0779 68
Unit C.	J. Helder

on 32/64* choke. Tubing pressure flowing 150 psi, easing pressure flowing 410 pei. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company Pan American Petroleum Corporation Address Box 480 ORIGINAL SIGNED BY R. M. Bauer, Ira	Address Box 480 R. M. Bauer, Jr.	for 15 minutes of shots per 15 and 50 pour 15 gallons (15 with Maximus pating pressured 2 Gallup Field 32/64* choke 1 understate Company	r foet 5691-56981 nds Adomite Hark G-15 and 5 gallor m treating pressure 2600 pai, aver -3/8" tubing at 5 d. Petential test Tubing pressured that this plan of work mu Pan American Peters Box 480	ns I-5 additiure 2700 psi, rage injectio 5779'. Compl t April 28, 1 re flowing 15 ustreceive approvalinetroleum Corp	wes in first 10 minimum treat: m rate 28 barre, etcd April 26, 961, flowed 20; 00 psi, easing parting by the Geological corstion	OOO gallons. Puring pressure 2500 els per minute. 1961, as flewing 3 barrels of oil pressure flewing Survey before operations may ORIGINAL SIGN R. M. Bauer	i. Spearheaded sped in at 1400 pai, average Retreived brid spell that in 17 hours A10 pei. be commenced.
Company Pan American Petroleum Corporation Address Box 480 ORIGINAL SIGNED BY	gallene of Adomite Mark II and 10,000 pounds sand. We breakdown pressure, Maximum treating pressure 2600 psi, minimum treating pressure 2500 psi, average injection rate 28 barrels per minute. Rem retreivable bridge plug and set at 5715°. Tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Perforated upper Gallawith 6 shots per foot 5691-5698°. Sandoil fracked with 20,600 gallens cil with 2 gallons G-15 and 50 pounds Adomite Mark II per 1000 gallens, and 20,000 pounds sand. Spearheaded with 5 gallons G-15 and 5 gallons I-5 additives in first 1000 gallons. Pumped in at 1400 psi with Maximum treating pressure 2700 psi, minimum treating pressure 2500 psi, average treating pressure 2600 psi, average injection rate 28 barrels per minute. Retreived bridgeling. Landed 2-3/8" tubing at 5779°. Completed April 28, 1961, as flowing cil well Cha Cha Gallup Field. Petential test April 28, 1961, flowed 203 barrels of oil in 17 hours on 32/64" choke. Tubing pressure flowing 150 psi, casing pressure flowing 410 psi. Company Pan American Petroleum Corporation ORIGINAL SIGNED BY	for 15 minutes of shots per 15 and 50 pour 15 gallons (15 with Maximus pating pressured 2 Gallup Field 32/64* choke 1 understate Company	r foet 5691-56981 nds Adomite Mark G-15 and 5 gallor m treating pressure 2600 psi, avair -3/8" tubing at 5 d. Petential test . Tubing pressure nd that this plan of work mu Pan American Pe	ns I-5 additi ure 2700 psi, rage injectio 5779'. Compl t April 28, 1 re flowing 15 ust receive approval in	ves in first 10 minimum treat: m rate 28 barra eted April 28, 961, flowed 20 0 psi, casing parting by the Geological	OOO gallons. Puring pressure 2500 sls per minute. 1961, as flewing 3 barrels of oil pressure flewing Survey before operations may	i. Spearheaded sped in at 1400) psi, average Retreived brid; eil well Cha in 17 hours 410 psi., be commenced.
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The elevation of the derrick floor above sea level is 6077 ft. DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Total depth 5840* plng back depth 5801*. Ran correlation log and perforated with 4 shots		Cha Ch	Gallup (Field)	San Juan (County o	r Subdivision)	New Mexico (State or Territor	^{y)} ΜΔΥ 1 1961
(Field) (County or Subdivision) (State or Territory) MAY 1 1961 The elevation of the derrick floor above sea level is 6077 ft. (RDB) DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Total depth 5840 plng back depth 5801. Ran correlation log and perforated with 4 shots	(Darld) (County or Subdivision) (State or Territory)						RFLHVFN
Cha Cha Gallup (Field) (County or Subdivision) (State or Territory) (State or Territ	(½ Sec. and Sec. No.) (Twp.) (Range) (Meridian) Cha Cha Gallup San Juan New Mexico			660 ft. from	_		, , , , , , , , , , , , , , , , , , ,
Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. 3E/4 SE/4 of Section 16 T-28-N R-13-N N.Y.P.M. (W. Sec. and Sec. No.) (Twp.) (Range) (Meridian) Cha Cha Gallup San Jian New Mexico (State or Territory) MAY 1 1961 The elevation of the derrick floor above sea level is 6077 ft. DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Rotal depth 5840 plug back depth 5801 Ran correlation log and perforated with 4 shots	Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. SK/4 SE/4 of Section 16 T-28-N R-13-W N.M.P.M. (W. Sec. and Sec. No.) (Twp.) (Range) (Meridian) Cha Cha Gallup San Juan New Mexico		(INDICATE A	BOVE BY CHECK MARK	NATURE OF REPORT, NOTIC	CE, OR OTHER DATA)	
Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. 3R/4 SE/4 of Section 16 T-28-N R-13-X N.M.P.M. (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian) Cha Cha Gallup San Jian New Mexico (Field) (County or Subdivision) (State or Territory) MAY 1 1961 The elevation of the derrick floor above sea level is 6077 ft. DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Total depth 5840° plug back depth 5801°. Ran correlation log and perforated with 4 shots	Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. 16 SE/4 SE/4 of Section 16 T-28-N R-13-** N.M.P.M. (W Sec. and Sec. No.) (Twp.) (Range) (Meridian) Cha Cha Gallup San Juan New Mexico	NOTICE OF I	INTENTION TO ABANDON WELF		SUPPLEMENTARY WE	LL HISTORY	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	NOTICE OF INTENTION TO SHOOT OR ACIDIZE	NOTICE OF	INTENTION TO SHOOT OR ACI	REPAIR WELL	CURSEQUENT PEROP		
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