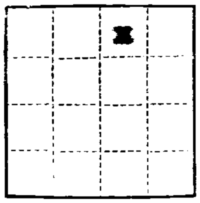
Form 9-331 a
(Feb. 1951)



Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. SF-077968
Unit Southeast Cha Cha Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Southeast Cha Cha Unit Water Well Farmington, New Mexico July 24, 1962

Well No. 1 is located 910 ft. from {N} line and 1850 ft. from {E} line of sec. 16

NE/4 Section ~~17~~ (¼ Sec. and Sec. No.) T-28-N (Twp.) R-13-W (Range) N.M.P.M. (Meridian)

Water Supply Source (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6055 ft.

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U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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)

This is to advise that the above well has been renamed Southeast Cha Cha Unit Water Well No. 1 from C. J. Holder Water Well No. 1.

A drillable bridge plug was set at 4710' and tested to 2000 psi. Test o.k. Perforated 4 shots per foot from 4600-4602 and established circulation behind the 8-5/8" casing. Cemented behind the 8-5/8" casing with 765 sacks of neat Incor cement containing 4% gel and 1 pound medium Tuf Plug per sack.

Perforated Point Lookout with 2 shots per foot 4188-4211, 4249-4266, 4291-4299, 4311-4319, 4326-4332, 4364-4383. Sand water fracked these perforations with 50,000 gals. water and 50,000 lbs. sand. Pressures were - breakdown pressure 1100, average treating 1350, and average injection rate 120 barrels per minute.

(SEE REVERSE SIDE)

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
Farmington, New Mexico
Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

By

Title Petroleum Engineer

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OIL CON. COM.
DIST. 3

GPO 862040

Set bridge plug at 4085' and tested to 1250 psi. Test o.k. Perforated the lower Menefee 4022-35, 3936-56, 3903-13, 3854-62, 3810-25, 3754-66, 3726-34, 3673-81, 3658-64 with 2 shots per foot. Sand water fracked these perforations with 60,000 gallons water and 60,000 lbs. sand. Pressures were - breakdown pressure 580, average treating 1400 and average injection rate 97 barrels per minute.

Reset bridge plug at 3560 and tested to 1250 psi. Test o.k. Perforated upper Menefee and Cliffhouse 3465-88, 3301-09, 3256-72, 2926-32, 2902-08, 2875-87, 2657-66, 2630-46 with 2 shots per foot. Sand water fracked these perforations with 40,000 gallons water and 40,000 pounds sand. Pressures were - breakdown pressure 880, average treating 1100, average injection rate 120 barrels per minute.

Pulled bridge plug and drilled cement plug at 4590. Ran pump and started testing well. On final test well pumped 543 barrels of water in 4 hours on 50 psi back pressure.

Well currently shut in pending installation of final pump and completion of water injection system.