

Land Office \_\_\_\_\_  
Lease No. **SF-078895**  
Unit \_\_\_\_\_

(SUBMIT IN TRIPLICATE)  
**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**Holloway Federal**

**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	
NOTICE OF INTENTION TO ABANDON WELL			

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

**RECEIVED**  
SEP 15 1960  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

September 6, 1960

Well No. **#4** is located **1650 ft. from [N] line and 1650 ft. from [E] line of sec.**  
**SW/4 NE/4 Sec. 7** **27N** **11W** **104PM**  
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Undesignated (Dakota)** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6097.6 ft. G.L.**

**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)

8/30/60 - Perforated from 6492-6508 w/ 4 jet shots per foot, set packer @ 6473', Acidized perfs. w/500 gals. MA. FBD 2200#-1800#, SIP 1600#. Perforated from 6444-52, 6458-72 w/4 jets per foot. Set packer @ 6480(retrievable) & Guiberson packer @ 6417', acidized perfs. w/500 gals 7 1/2% MA, FBD 2200# TP 1800#, SIP 1300#. Pulled tbg. frac lower perfs 6444-6508 w/32,000# 20-40 sd & 35,200 gals. gelled water, FBD 2600#, ATP 1800#, MP2500#. Inj. rate 32 BPM. SIP 1600#. Went in hole w/tbg. circ. out sand 4356-4660 & 4826 to bottom. 9/4/60 perforated from 6315-6325, 6336-46, 6352-64, 6386-6412, with 4 jets per foot, sand fraced same with 83,000 gals gelled water & 100,000# 20-40 sd, mixed 1 1/2# per gal. FBD 2800# TP 2400# to 2600#, max. flush 2800#, inj. rate 53 BPM. Used 70 perf. plugging balls. SIP 1600#. Opened well after 3 1/2 hrs. ran completion string & washed sand from 6460-6524' landed 209 jts. 2" EUE tbg. @ 6478'. Swab well in rig released.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Southwest Production Company**

Address **162 Petr. Center Bldg.**

**Farmington, New Mexico**

Original signed by  
**Carl W. Smith**

By \_\_\_\_\_  
Title **Production Superintendent**