



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **078100 E**  
Unit \_\_\_\_\_

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.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

**February 13**, 19 **61**

Well No. **Warren 1-19** is located **900** ft. from **S** line and **1000** ft. from **E** line of sec. **19**  
**NESE Sec. 19** (1/4 Sec. and Sec. No.)  
**27N 12W 12SPN** (Twp.) (Range) (Meridian)  
**Basin-Dakota** (Field) **San Juan County** (County or Subdivision) **New Mexico** (State or Territory)



The elevation of the derrick floor above sea level is **5776** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mud logging jobs, cementing points, and all other important proposed work)

Spudded 8:30 p.m. 1/24/61. Drilled 12" hole 230', ran 7 jts. 8 5/8" J-55, 240 casing, set @ 230' w/175 sx. cement 2% CaCl. Drilled a 7 7/8" hole to TD (6054'). Ran INS & GRS Survey. Ran 100 jts. 4 1/2", J-55, 11.60 casing set @ 6050' w/200 sx. 1:1 Fosimix 2% gel. cut. Perf. 5804 to 54, Frac. 20,000 gals. gel water and 20,000# 20/40 sd. AIR 27 BPM @ 2850#. Set bridge plug @ 5830, Perf. 5808 to 5738, Spt. 250 gal. acid. Frac 20,000 gals. gel water & 20,000# 20/40 sd. AIR 31.3 BPM/3100#. Set bridge plug 5733. Perf. 5736 to 5733 & 5744 to 5732. Frack with 20,000 gals gelled water & 20,000 #sd. AIR 35.3 BPM/3300#. Landed 2 3/8", J-55, 4.75 tubing @ 5734. Well kicked off and started flowing.

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

Company **Campbell Exploration, Inc.**  
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Address \_\_\_\_\_  
**Denver 2, Colo.**  
By **P. J. Farrelly**  
**Chief Geologist**  
Title \_\_\_\_\_