

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office **Santa Fe**  
Lease No. **NM 011639**  
Unit **Sumnical**

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED  
JAN 31 1963  
U. S. GEOLOGICAL SURVEY  
SANTA FE, NEW MEXICO

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)

January 28, 1963

#1 Sumnical-D-Federal  
Well No. **#1** is located **980** ft. from **[N]** line and **1145** ft. from **[E]** line of sec. **19**

**NW/4 Section 19** **26N** **7W** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Basin Dakota** **Rio Arriba** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6630** 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)

Subject well spudded December 15, 1962. 8 5/8" surface casing at 208' with 125 sax. T.D. of 7100 reached January 9, 1963. Cemented through stage collar at 2650 w/100 sax. Cemented 4 1/2" casing at 7095' w/200 sax. Log tops as follows:

Pictured Cliffs 2532  
Point Lookout 4790  
Greenhorn 6753  
Graneros 6850  
Dakota 6956  
T.D. 7100

Run correlation log. Perforated 7068-7073 with 4 holes per foot. Acid treated thru perforations 7068-7073 with 500 gallons mud acid @ 3400 psi. No breakdown. Injection rate 2 BPM. Set CIBP @ 7050 feet. Spotted 300 gallons 7 1/2 % HCl on top of plug thru tubing. Perforated 6956-68 & 6979-84 with 2 holes per foot. Frac treated down

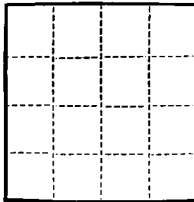
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **E. L. Fundingsland**

Address **1402 Denver U.S. National Bldg.**

**Denver, Colorado**

By **Richard S. Hunt**  
Richard S. Hunt, Agent  
Title



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office .....

Lease No. ....

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.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

January 28, 1963

Sunical-D-Federal

Well No. #1 is located ..... ft. from  $\begin{Bmatrix} N \\ S \end{Bmatrix}$  line and ..... ft. from  $\begin{Bmatrix} E \\ W \end{Bmatrix}$  line of sec. ....

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

(Field)

(County or Subdivision)

(State or Territory)

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

## DETAILS OF WORK

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

casing with 20,000 lbs sand and 50,000 gallons water. Breakdown 2400 psi. Treating pressure 3200-3500 psi. Injection rate 32 BPM. Instant Shut in 1700 Psi. Set Magnesium BP @ 6944 feet. Perforated 6852-58, 6896-6902, 6913-18 & 6924-30 with 2 holes per foot. Frac treated down casing with 35,000 lbs sand and 70,000 gallons water. Breakdown 2700 psi. Treating pressure 3400-3700 psi. Injection rate 30 BPM. Instant Shut in 1900 psi. Preparing to run tubing and test.

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

Company E. L. FundingslandAddress 1402 Denver U.S. National CenterDenver, ColoradoE. L. FundingslandBy Richard S. Hunt  
Richard S. Hunt, Agent

Title .....