

			X

1 Standard Oil  
1 Donosky  
1 File

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Land Office **Santa Fe**  
Lease No. **SF 078532**  
Unit \_\_\_\_\_

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS JAN 4 1960

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		<b>DST &amp; Cores</b>	X

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

December 28

19 59

**Sperling**  
Well No. **1-30** is located **1850** ft. from **N** line and **790** ft. from **E** line of sec **30**  
**NE/4 SE/4 Sec. 30** **24N** **6W** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Escrito-Gallup Ext.** **Rio Arriba** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

Ground Level

The elevation of the ~~surface~~ above sea level is **6659** 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)

Core #1 5313-5363' Recovered 50' 15' dark gray shale w/few light gray sand laminations. 29' light gray, fine grain sand hard & tite. shaly, vertical frac 5348-55' slight odor & fluorescence, 5' dark gray shale w/sand laminations throughout. Core #2 5423-73' Recovered 50' 19' interbedded sand & shale, sand light gray, fine grain No show, 31' light gray fine-medium grain sand pinpoint porosity throughout shale incl. throughout good odor & fluorescence bleeding gas. DST #1 5328-5408' Recovered 215' gas cut mud, Gas to surface 20 min., too small to measure, ISIP 16455/33 min., IF 65, FF 95, FSI 745/45 min., IHH 2890#, FHH 2855# Core #3 6331-6381' Recovered 50', 22' dark gray shale, 28' shaly sand, light gray fine grain hard & tite, w/shale incl. throughout. vertical fracs 6367-74', 6378-79' (OVER)

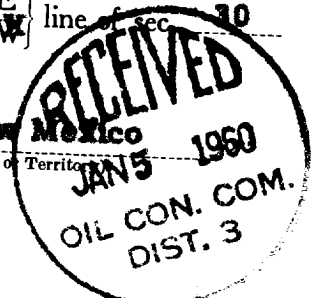
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Val R. Reese & Assoc., Inc.**

Address **Lobby of Simms Bldg.**

**Albuquerque, N. Mex.**

By *Jim T. Jurek*  
Title **Geologist**



Core #4 6378-6431' Recovered 50', 19' dark gray shale, 27' shaly sand,  
light gray, hard & tite, 4' white fine grain sand, vertical frac w/shale incl.

Core #5 6474-6524' Recovered 50' 22' dark gray shale, 8' sand medium grain  
friable, 20' varicolored shale/

