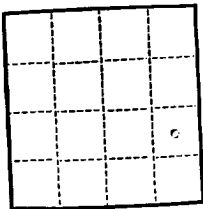


Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **SF 078344**
Unit _____

RELAY
MAY 16 1957

SUNDRY NOTICES AND REPORTS ON WELL NO. 1 CON. CO. DIST. 3

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	X
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)

May 13

1957

Well No. **1 Atlas** is located **1960** ft. from **N** line and **660** ft. from **E** line of sec. **34**

SE/4 Section 34

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

25N

(Twp.)

10W

(Range)

New Mexico

(Meridian)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

(Field)

The elevation of the derrick floor above sea level is **6723** ft. **Ground level, ungraded.**

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)

Drilling operations commenced April 27, 1957. 12-1/4" hole was drilled to 312'. 6-5/8" pipe was set at 311' with 200 sacks cement. A 7-7/8" hole was drilled from 312' - 3307'. A core was taken from 3307 - 3386'. A 7-7/8" hole was drilled from 3386 - 3430' (driller's RTD).

A drill stem test was taken of the interval from 3315-3430'. Tool was open one hour, weak blow, died in 25 minutes. Recovered 15' of gas cut mud. Flow pressures were: Initial, 804; Final, 734. Shutin pressure was 904 in 30 minutes. A Schlumberger ES-Induction log was run from 312' to RTD. 5 1/2" casing was set at 3430' with 200 sacks of cement, 42 gal. A temperature survey indicated the top of the cement to be at 4044'. A Holzer Gamma Ray Neutron Log was run and the casing was perforated with 44 holes from 3323-3334' and with 64 holes from 3339-3366'.

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

Company **The El Dorado Refining Company**

Address **1020 Central Building**

Wichita, Kansas

By

Max S. Houston
Max S. Houston

Title

Manager of Exploration