

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No. **27 080394 A**

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

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| 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)

Well No. **# 2** is located **1673** ft. from **24N** line and **1340** ft. from **13W** line of sec. **1**

5 1/4 Section 1
(1/4 Sec. and Sec. No.)

South Illinois
(Field)

The elevation of the derrick floor above sea level is **440** ft.

DETAILS OF WORK

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

Shutbed lead water at the rate of 15 bbls. per hour, and flowed 167 MCFGD. Shutbed 10 gal. of water per hour, and flowed 117.6 MCFGD. Perforated casing 2374-24' with 4 holes per foot. Fractured with 70,200 gallons water and 85,000 lbs. sand, flushed with 2300 gallons water. Pumped 90 rubber balls in five stages during treatment. Breakdown pressure 1400#, treating pressure 1400-1500#, average injection rate 37 barrels per minute. Shut in overnight. Shutbed lead water and flowed 71.4 MCFGD. Shutbed 30 gallons of lead water per hour and flowed 104.6 MCFGD. Ran 2424' of 1 1/2" internal upset tubing. Landed at 2424' BKA. Laid 7" gas line. Set intermitter to blow 30 minutes 4 times daily. Flowed 117.8 MCFGD and shutbed 30 gallons of lead water per hour.

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**

Title **Manager of Exploration**