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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Artesia
Lease No. 101-0507
Unit 0

JUN 20 1960

ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS^{ART}

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		
Perforate, Acidize and Frac	X	

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

TEXACO Inc.

P. O. Box 352, Midland, Texas, June 17, 1960

Heflin Federal

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 24

SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 24
($\frac{1}{4}$ Sec. and Sec. No.)

24-S
(Twp.)

31-E
(Range)

101PM
(Meridian)

Cotton Draw Brushy Canyon
(Field)

Eddy
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **3538** 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)

To increase production we propose to do the following work:

1. Perforate 7-5/8" casing from 7106' to 7117' with two jet shots per foot.
2. Set retrievable bridge plug at 7150' on 3" tubing.
3. Acidize through perforations from 7106' to 7117', with 500 gallons LST-NE 15% acid down 3" tubing. Swab test for water influx. If water production is not significant, fracture with 3,000 gallons of refined oil carrying one pound of sand per gallon down 3" tubing with packer set at approximately 7100'. Over-flush with approximately 15 barrels of lease crude and shut well in to stabilize. Swab and test.
4. Perforate 7-5/8" casing from 7048' to 7070' with two jet shots per foot.
5. Set retrievable bridge plug at 7095' on 3" tubing and acidize through perforations from 7048' to 7070' with 1,000 gallons LST-NE 15% acid. Swab test for water influx. If water production is not significant, fracture with (see reverse

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

Company **TEXACO Inc.**

Address **P. O. Box 352**

J. G. Blevins, Jr.

Midland, Texas

$$B_y$$

Title **Assistant District Superintendent**

- 6,000 gallons of refined oil carrying 1-1/2 pounds of sand per gallon down 3" tubing with packer set at approximately 6970'. Overflush with approximately 30 barrels of lease crude and shut well in to stabilize. Swab and test.
6. Perforate 7-5/8" casing from 6953' to 6966' with two jet shots per foot.
7. Set retrievable bridge plug at 7000' on 3" tubing.
8. Acidize through perforations from 6953' to 6966' with 500 gallons 15% acid down 3" tubing. Swab test for water influx. If water production is not significant fracture with 3,000 gallons of refined oil carrying 1-1/2 pounds of sand per gallon down 3" tubing with packer set at approximately 6850'. Overflush with approximately 15 barrels of lease crude and shut well in to stabilize. Swab and test.
9. Recover load oil, test, return well to production.