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(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. SP 070242
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	<u>Drill Stem Tests</u>

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

September 18, 1959

Well No. 21 is located 2160 ft. from EN line and 1770 ft. from E line of sec. 18

SW/4 SE/4 Sec 18
(1/4 Sec. and Sec. No.)

T 24 N
(Twp.)

R 6 W
(Range)

24TH
(Meridian)

Wildcat
(Field)

Eliz Arriba
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the Ground ~~surface~~ above sea level is 6349 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)

7-14 5507 DEI 21 5277-5387 open 2 hrs, WL 10, WT 9.6 Vis 48, Final SI 30 min.
7-15 DEI 21 5446-5526 open 1 hrs 6 TS 3 min, Gauge 1000 MCF, Res 100'
GEM 30 min SIP 1955 IF 95 FF 125 HP-2755 WL 10.
7-20 Run DEI 21 6295-6470 open 2 hrs SI 30 min weak blow air immediately
increased to strong blow - no gas to surface res 390' GEM IF 100
FF 155 SI 205 .
7-21 Run DEI 21 6430-6520, Tool open 2 hrs Strong blow air immediately GEM
2 hrs - Res 120' GEM HP 3310 ISI 775 IF 65 FF 120 FBI 1615.
7-22 Run DEI 21 6420-6530 ISI 30 min tool open 2 hrs 5 min weak blow which
increased to fair blow in 15 min - remained throughout test - no gas
or fluid to surface - SI 30 min. Res 390' heavy oil & gas cut and
600' oil cut salt water IS 3503 ISI 2703 IF 105 FF 510 FBI 2236 FE 3503.

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

Company Bedford & Ward

Address Box 1747

Midland, Texas

Original signed by T. A. Dugan

By _____
Title Consulting Engineer