



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF 021122
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>Frac Information</u>

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

June 23, 19 61

Maddox Gas Unit

Well No. 2 is located 2030 ft. from N line and 1075 ft. from W line of sec. 33

NW/4 SW/4 Section 33

30N

12W

10:PM

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

(Twp.)

(Range)

(Meridian)

Basin

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

Ground Level

The elevation of the ~~corner~~ floor above sea level is 5622 ft.

JUN 27 1961

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)

PMTD 6416' - Spotted 350 gallons 15% M.C.A., pressure tested casing with 4000#, held OK - pulled out hole - Perf with P.G.A.C. 2 jets per foot, 6394-6388 and 6340-6300. Frac with Halliburton, using 2 HT-400 trucks, 50,000# 20-40 sand, 10,000# 10-20 sand, used 3160 gallons water to load and breakdown, 47,100 gallons water to treat, 5040 gallons water to flush. Total water used 52,150 gallons with 15% W.A.C. - 8 per 1000 gallons. Breakdown 1400, IF 2500, Min. 2150#, Av. 2400, Max. 2600, Instant Shut-in 1300#, 5-minute Shut-in 950#, Av. Treating IR 32.3 BPM, Av. Flush IR 24.0 BPM. Over-all Av. IR 30.1 BPM. Set Baker rag bridge plug at 6375'.

Perf with P.G.A.C. 6244-38 and 6234-26. Spearheaded frac with 250 gallons M.C.A. Frac, using Halliburton, 2 HT-400 trucks, 20,000# 20-40 sand, 15

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

Company Bedford & Ward, Inc.Address 1007 N. DustinFarmington, New Mexico

Original signed by T. A. Dugan

By _____

Title Consulting Engineer

rubber balls, 1235 gallons water to breakdown, 26,100 gallons water to free, 5090 gallons to flush. Total water 31,190 gallons with 15% W.A.C. 8 per 1000 gallons. Breakdown 1000, IF 3000, Min. 2600, Max. 3100, Av. 2750, Final 3100. Drop 5 balls after 15,000/ sand in formation. Pressure increased from 2500 to 2750. Drop 10 balls after 18,000/ sand in formation. Pressure increased from 2700 to 3100. Av. Treating IR 25.9 BPM, Av. Flush IR 24 BPM, Av. over-all IR 25.6 BPM, Instant Shut-in Pressure 1150/, 1-minute shut-in 1000.