



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 87-070284
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
JUL 20 1960
GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

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. Miller 2-3 is located 1020 ft. from N line and 990 ft. from W line of sec. 12
SW 1/4 12 24-N 7-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Devil's Fork Gallup Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

RECEIVED
JUL 27 1960
OIL CON. COM.
DIST. 3

The elevation of the derrick floor above sea level is 6812 ft.

DETAILS OF WORK

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

Production Test: Drilling was completed 7-3-60 and well was perforated and sand-oil fractured on 7-8-60. Casing was perforated from 3949 to 3998 w/6 shots per foot, acidized w/800 gal. 7.2% acid, and fractured with 22,500 gal. of 20/40 sand and 36,200 gal. of oil. (Perforation and stimulation detail is attached). Casing: 3-5/8" with 125 sax; 4 1/2" at 6023' with 160 sax; 2-3/8" at 5924', casing shoe at 6023'. All free oil was recovered at 3 P.M., 7-10-60.
Gallup production test 7-18-60: 24-hr. test, 2" choke, 295 barrels, tubing pressure 60 psi-120 psi, casing pressure 320 psi-340 psi, Separator pressure 40-45 psi.

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

Company T. H. McELVAIN
Address 230 Shelby Street
Santa Fe, N. M.

By T. H. McElvain
Title Operator

FRACTURING SERVICE TREATING REPORT

HALLIBURTON
OIL WELL CEMENTING COMPANY

Ticket No. **FS 116423**

Strap No. 1

Page No. _____

HOWCO District Farmington, N.M. Sec. 12 Twp. 24 Rng. 7 County Rio Arriba State New Mexico

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT:

Date Completed: Nov Formation Gallup
Casing: OD 14 1/2 Wt 9.5 & 12.6 Depth 6023
Liner: OD _____ From _____ To _____
Perf.: From 5949 To 5958 6 Shots/Ft. 5lb
Perf.: From _____ To _____ Shots/Ft. _____
Perf.: From _____ To _____ Shots/Ft. _____
Open Hole: Size _____ From _____ To _____

Prev. Treat: Date _____ Type _____
Fluid: Gal. _____ Sand: Lb. _____
Pres. Treat: Interval: From 5949 To 5958
Tubing Size _____ Depth _____
Packer: Type _____ Set at _____
Max. Allowable Pres.: PSI: Tubing _____ Casing 3700
Treat Thru: Tubing ☐ Annulus ☐ Casing ☒ Tubing/Annulus ☐

MATERIALS USED

Type Job Sand Oil

Fluid Lease Oil

Fluid Source Customer

API Gravity _____ *Viscosity _____ CPS @ _____ °F

Sand: Grade 20/40 1b 22,500 Sack ☐ Bulk ☒

Sand: Grade _____ Lb _____ Sack ☐ Bulk ☐

Surfactant: Type _____ Gel _____ in Bbl. Gel _____

Acid: Type MCA Gel 300 % 7 1/2

Fluid Loss Add.: Type _____ Gel/Lb _____

Perfec Balls: Type _____ No. _____

Blocking Agent: Type _____ Gel/Lb _____

Getting Agent: Type _____ Gel/Lb _____

Breaker: Type _____ Gel/Lb _____

TREATMENT SUMMARY

Trucks (No. and Type) 6573-6185-HT-400 5243 T-T-10

Hyd. HP Available 2600 Used 2600

Pumps On Tubing _____ Casing 6

AVERAGE RATES—BPM

Treating 28.3 Displ. 28.3 Overall 28.3

PRESSURES—PSI

Breakdown 2500 Maximum 3200

Minimum 2900 Displacement 3150

Instant Shut-In 1500 5 Min. 1400

VOLUMES:

Load: 1.500 Gal. Breakdown: 1.000 Gal.

Treatment: 29.500 Gal. Displ.: 1.200 Gal.

Total: 35.200 Gal.

TREATING LOG

[illegible]

HOWCO Operator Carl Handrick

Company Representative T. J. Jobin

Company

T. H. McElvaine

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Miller

Well No. 2-B

Date 7-8-60