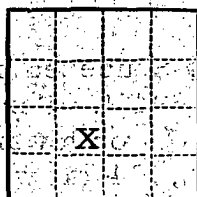


5 USGS
1 El Paso Prod.
Form 9-331a File
(Feb. 1951)

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. SF 078924
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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	Frac Info.

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

August 4, 1960

Connie
Well No. 3-29 is located 1850 ft. from [X] line and 1850 ft. from [W] line of sec. 29

NE/4 SW/4 Sec. 29 24N 7W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Escrito-Gallup ext. Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

Ground Level
The elevation of the ~~surface~~ above sea level is 7330 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)

Perf 4 shots per foot 7014-7042'. SWF by HOWCO w/51,616 gal wtr & 25,000# 20-40 sd & 25,000# 10-20 sd, BD 3000 PSI, Max TP 3500 PSI, Avg. TP 3300 PSI, Avg. IR 50.7 BPM. Dropped 35 RB in two stages. Set Guiberson Mag. BP @ 6250' Perf w/4 shots per foot 6118-22', 6100-6108', 6084-6088', 6080-82', 6070-86', 6048-56', 6008-6022', SWF by HOWCO w/109,186 gal wtr & 100,000# 20-40 sd & 64,000# 10-20 sd, BD 2700 PSI, back to 1500 PSI, Max. TP 2250 PSI, Min. TP 1400 PSI, Avg. TP 2000 PSI, Avg. IR 73 BPM. Dropped 75 RB in three stages. Squeezed Perfs 7014-7042' w/100 sx @ 3800 PSI; squeezed perfs 6008-6122 w/ 200 sx @ 4000 PSI. Reperf from 7018-7024' spotted 700 gal 15% MCA on perfs SWF by HOWCO down tbg. w/10,000 gal wtr & 7,000# 20-40 sd, BD 5500 PSI back to 3700 PSI, Avg TP 4500 PSI, Max TP 4700 PSI, Min TP 4400 PSI, Avg. IR 4 BPM.

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

Company Val R. Reese & Associates, Inc.

Address Lobby of Simms Bldg.
Albuquerque, New Mexico

By Jan. L. Jacob
Title Geologist

Swabbed back frac fluid well continued making formation water. Squeezed perfs w/50 sx cement @ 4400 PSI left 75' cement above perfs, PBTD 6943'. Perf w/ 4 shots per foot 6048-6056', 6008-6022', spotted 200 gal 15% MCA on lower perfs BD w/3200 PSI, broke down upper perfs w/3700 PSI. SWF w/52,794 gal wtr & 50,000# 20-40 sd & 40,000# 10-20 sd, Avg. TP 2450 PSI, Max. TP 3800 PSI, Min. TP 1800 PSI, Avg. IR 45.4 BPM.

1. The well was swabbed back and the frac fluid was continued to make formation water. The well was squeezed with 50 sacks of cement at 4400 PSI, leaving 75 feet of cement above the perforations. The perforations were completed with 4 shots per foot in the intervals 6048-6056' and 6008-6022'. A total of 200 gallons of 15% MCA was spotted on the lower perforations. The well was broken down with 3200 PSI and the upper perforations were broken down with 3700 PSI. The well was then filled with 52,794 gallons of water and 50,000 pounds of 20-40 mesh sand and 40,000 pounds of 10-20 mesh sand. The average test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

2. The well was then tested at a rate of 100 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

3. The well was then tested at a rate of 200 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

4. The well was then tested at a rate of 300 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

5. The well was then tested at a rate of 400 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

6. The well was then tested at a rate of 500 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

7. The well was then tested at a rate of 600 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

8. The well was then tested at a rate of 700 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.

9. The well was then tested at a rate of 800 GPM. The test pressure was 2450 PSI, the maximum test pressure was 3800 PSI, and the minimum test pressure was 1800 PSI. The average initial rate of flow was 45.4 BPM.