

C O P Y

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 028793 (c)
Unit Burch C

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.....	<input checked="" type="checkbox"/>
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 REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Loco Hills, New Mexico, July 31, 19 50Well No. 14-C is located 25 ft. from NW line and 134.5 ft. from E line of sec. 23

SE 1/4 Section 23 17-S 29-E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Grayburg-Jackson Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

TOTAL DEPTH: 2926' by SLM

PAY ZONES: 2781-82'

2796'-2803'

2820-24'

2852-67' broken (= est. 9' of net effective pay).

2893'-2919' broken (= est. 3' of net effective pay).

RECORD OF ACIDIZING:

At Total Depth 2814':

Tested 17 GPH natural (= rate of 9.7 BOPD).

Washed with 300 gallons of 20% HCl.

Treated with 1664 gallons of 20% HCl from 2729'-2814' using Dowell Pilot

Electrode to control acid. Followed oil/acid interface down with Dowell
Survey Electrode which showed acid to have entered formation as follows:

(Continued on Sheet #2)

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

Company GENERAL AMERICAN OIL COMPANY OF TEXASAddress Box 416,Loco Hills, New MexicoBy E. J. Heard (Signature)Title Field Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WATER RESOURCES DIVISION

The following information was obtained from the records of the Bureau of Land Management, Department of the Interior, at Washington, D. C., on the date indicated below:

1. Name of the land: [illegible]
2. Location: [illegible]
3. Date of acquisition: [illegible]
4. Date of disposal: [illegible]
5. Date of reversion: [illegible]
6. Date of purchase: [illegible]
7. Date of donation: [illegible]
8. Date of exchange: [illegible]
9. Date of lease: [illegible]
10. Date of other interest: [illegible]

The following information was obtained from the records of the Bureau of Land Management, Department of the Interior, at Washington, D. C., on the date indicated below:

1. Name of the land: [illegible]
2. Location: [illegible]
3. Date of acquisition: [illegible]
4. Date of disposal: [illegible]
5. Date of reversion: [illegible]
6. Date of purchase: [illegible]
7. Date of donation: [illegible]
8. Date of exchange: [illegible]
9. Date of lease: [illegible]
10. Date of other interest: [illegible]

The following information was obtained from the records of the Bureau of Land Management, Department of the Interior, at Washington, D. C., on the date indicated below:

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2. Location: [illegible]
3. Date of acquisition: [illegible]
4. Date of disposal: [illegible]
5. Date of reversion: [illegible]
6. Date of purchase: [illegible]
7. Date of donation: [illegible]
8. Date of exchange: [illegible]
9. Date of lease: [illegible]
10. Date of other interest: [illegible]

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5. Date of reversion: [illegible]
6. Date of purchase: [illegible]
7. Date of donation: [illegible]
8. Date of exchange: [illegible]
9. Date of lease: [illegible]
10. Date of other interest: [illegible]

ACIDIZING At Total Depth 2814': (Continued)

DEPTH	GPM	%
2796-98'	4.65	45.90%
2798'-2802'	3.10	30.60%
2802-03'	2.38	23.50%
TOTAL	10.13	100.00%

RESULTS OF THIS TREATMENT: Swabbed 33.12 BO in 10 hours thru 2" tubing (made 8.97 BO last 6 hours of this test = rate of 36 BOPD). Retreated with 3500 gallons of 20% HCl from 2721'-2814' (conventionally Below set hookwall packer). RESULTS OF THIS TREATMENT: Swabbed 41.40 BO in 6 hours thru 2" tubing (made 8.28 BO last 3 hours of this test = rate of 66 BOPD).

At Total Depth 2926':

Swabbed 8.28 BO in 8 hours thru 7" casing (= rate of 24.84 BOPD from all zones. Zones from 2814'-2926' making estimated 3 BOPD natural).

Washed with 420 gallons of 20% HCl.

Treated with 1890 gallons of 20% HCl from 2808'-2926' using Dowell Pilot Electrode to control acid. Followed oil/acid interface down with Dowell Survey Electrode which showed acid to have entered formation as follows:

DEPTH	GPM	%	
2820-24'	9.66	64.61%	
2852-54'	2.07	13.85%	
2854-56'	.61	4.08%	
2858-60'	.20	1.34%	
2864-66'	1.36	9.10%	29.84%
2866-67'	.22	1.47%	
Below 2867'	.83	5.55%	
TOTAL	14.95	100.00%	

RESULTS OF THIS TREATMENT: Swabbed 121.91 BO (part load oil) in 32 hours thru 2" tubing (made 28.29 BO last 12 hours of this test = rate of 56.58 BOPD from all zones).

Retreated with 4000 gallons of 20% HCl from 2808'-2926' using Dowell Pilot Electrode to control acid. RESULTS OF THIS TREATMENT: swabbed 116.68 BO (part load oil) in 16-1/4 hours thru 2" tubing (made 30.36 BO last 6 hours of this test = rate of 121.44 BOPD).

INITIAL PRODUCTION: Flowed 40.56 BO in 24 hours stopcocking six 40 minute flows thru open 2" tubing.

COMPLETION DATE: 7-18-50.

SUBSEQUENT FLOW TESTS:

- 7-23-50 Well shut in 19-1/3 hours then flowed 9.88 BO in 2 hours thru open 2" tubing.
- 7-24-50 Well shut in 24-3/4 hours then flowed 40.56 BO in six 40 minute flows in 24 hours thru open 2" tubing.

(Continued on Sheet -3-)

DATE	TIME	LOCATION	REMARKS
10/10/50	10:10	1000	TOTAL
10/10/50	9:50	1000	1000-1000
10/10/50	9:30	1000	1000-1000
10/10/50	9:10	1000	1000-1000
10/10/50	8:50	1000	1000-1000
10/10/50	8:30	1000	1000-1000
10/10/50	8:10	1000	1000-1000
10/10/50	7:50	1000	1000-1000
10/10/50	7:30	1000	1000-1000
10/10/50	7:10	1000	1000-1000
10/10/50	6:50	1000	1000-1000
10/10/50	6:30	1000	1000-1000
10/10/50	6:10	1000	1000-1000
10/10/50	5:50	1000	1000-1000
10/10/50	5:30	1000	1000-1000
10/10/50	5:10	1000	1000-1000
10/10/50	4:50	1000	1000-1000
10/10/50	4:30	1000	1000-1000
10/10/50	4:10	1000	1000-1000
10/10/50	3:50	1000	1000-1000
10/10/50	3:30	1000	1000-1000
10/10/50	3:10	1000	1000-1000
10/10/50	2:50	1000	1000-1000
10/10/50	2:30	1000	1000-1000
10/10/50	2:10	1000	1000-1000
10/10/50	1:50	1000	1000-1000
10/10/50	1:30	1000	1000-1000
10/10/50	1:10	1000	1000-1000
10/10/50	0:50	1000	1000-1000
10/10/50	0:30	1000	1000-1000
10/10/50	0:10	1000	1000-1000

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as follows:
Dowell Survey Electrode which showed acid to have entered foundation
Electrode to control acid. Followed by 1/2 inch diameter down with
Treated with 1890 gallons of 10% HCl from 1967-1968; using Dowell Pilot
Washed with 430 gallons of 20% HCl.
Zones from 1967-1968; working contained (1970 material).
Swashed 3.28 BC in 8 hours with 7% caustic (= ratio of 4.84 BC from 1971

DEPTH	CHM
3850-51	0.88
3852-54	2.07
3854-56	3.61
3858-60	5.50
3860-62	7.36
3862-64	9.23
3864-66	11.83
TOTAL	114.92

[illegible]

THESE RESULTS ARE IN GOOD AGREEMENT WITH THE DATA OF FIGURE 1.

REF ID: A66585

7-34-50 Well shut in 24 hours then flowed 10.06 to the 10 minute
flow in 24 hours then open 2" tubing.

7-33-50 Well shut in 19 1/3 hours then flowed 7.88 in 2 hours then open
2" tubing.

SUBSEQUENT FLOW TESTS:

(Continued on Sheet 2)

7 7-25-50 Flowed 28.08 BO in four 40 minute flows in 24 hours thru 1" choke
with GOR 989/l.
7-26-50 Flowed 24.15 BO in four 40 minute flows in 24 hours thru 1" choke
with GOR 1278/l.
7-27-50 Flowed 23.46 BO in four 40 minute flows in 24 hours thru 1" choke
with GOR 1406/l.
7-28-50 Flowed 22.08 BO in four 40 minute flows in 24 hours thru 1" choke
with GOR 1270/l.
7-29-50 Flowed 21.39 BO in four 40 minute flows in 24 hours thru 1" choke.
7-30-50 Flowed 20.70 BO in four 40 minute flows in 24 hours thru 1" choke.
7-31-50 Flowed 19.32 BO in four 40 minute flows in 24 hours thru 1" choke.

7-25-50	Flowed 28.08 50 in four 40 minute flows in 14 hours time in choke.
7-26-50	Flowed 24.15 50 in four 40 minute flows in 14 hours time in choke. with GOR 1273/1.
7-27-50	Flowed 25.45 50 in four 40 minute flows in 14 hours time in choke. with GOR 1408/1.
7-28-50	Flowed 22.08 50 in four 40 minute flows in 14 hours time in choke. with GOR 1273/1.
7-29-50	Flowed 21.72 50 in four 40 minute flows in 14 hours time in choke.
7-30-50	Flowed 20.72 50 in four 40 minute flows in 14 hours time in choke.
7-31-50	Flowed 19.32 50 in four 40 minute flows in 14 hours time in choke.