

APPROVED

JUN 20 1952

ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 028793 (c)
Unit Burch, 8C#RECEIVED
JUN 23 1952
Oil Cons. Comm.
Artesia Office

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 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 | |
| NOTICE OF INTENTION TO ABANDON WELL | | |
| NOTICE OF INTENTION TO RECONVERT GAS INJECTION WELL TO PRODUCING WELL | | X |

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

Loco Hills, New Mexico, June 18, 1952Well No. 7-C is located 1980 ft. from NW line and 660 ft. from E line of sec. 23SE1 Section 23
(1/4 Sec. and Sec. No.)17-S
(Twp.)29-E
(Range)NMPM
(Meridian)Grayburg-Jackson
(Field)Eddy
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 3589 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)

INJECTION WELL HISTORY:

On March 28, 1951, with the prior approval of the Artesia District Engineer's Office, this well was converted from a producing oil well to a gas injection well. Prior to this conversion this well was flowing 5.88 BOPD.

During 405 day period from March 28, 1951, to May 6, 1952, a total of 3,588 MCF of gas (an average of only 8.86 MCF per day) was injected into this well at injection pressures ranging from 800# to 890# at the well head. It is to be noted that due to the requirements of other injection wells within the Grayburg Cooperative and Unit Area, the

(Continued on next sheet)

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 Mexico

By

R. J. Heard

Title

R. J. Heard,
Field Supt.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Reconvert Gas Injection Well to Producing Well

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INJECTION WELL HISTORY (Continued):

line pressure at the well head at Burch No. 7-C was seldom ~~regulable~~ at the above mentioned pressure range, but reached a pressure sufficient to inject gas into this well only at irregular intervals. On December 10, 1951, after well had been shut in 55 hours, static surface pressure = 760#. It is estimated that steady line pressure in excess of 900# at the well head would be required to inject any appreciable volume of gas in this well.

RECORD OF FLOW DOWN:

- 5-6-52 After injecting a total of 3,588 MCF gas in this bore, well was opened to atmosphere making an initial head of 1919 cu. ft. of gas in :05 and died. After standing :30 well started flowing. It flowed head of 9.88 BO and 8808 cu. ft. of gas (GOR 891/1) thru 3/4" choke in next 2:05 and died. Well then shut-in to pressure up.
- 5-7-52 Well shut in 21:00. Shut-in tubing pressure = 292#. Then flowed 9.36 BO and 8077 cu. ft. of gas (GOR 863/1) in 2:30 thru 3/4" choke. Well then shut in to pressure up.
- 5-8-52 Well shut in 22:30. Shut-in tubing pressure = 310#. Then flowed 5.20 BO in 2:00 thru 3/4" choke. Well then shut in to pressure up.
- 5-9/22-52 Well flowed an average of 3.23 BOPD for 14 days stopcocking one 2 hour flow per day thru 3/4" choke. (Note: on 5-9-52 well flowed 3.38 BO and 12,442 cu. ft. of gas (GOR 3681/1).
- 5-22/28-52 Well flowed an average of 2.56 BOPD for 6 days stopcocking one 2 hour flow per day thru 3/4" choke.

PROPOSAL TO RECONVERT TO PRODUCING WELL:

In view of the negligible volume of gas that can be injected into this well with present equipment operating under existing conditions, it is hereby proposed to reconvert this well permanently to a producing oil well. This reversion will in no way affect the efficiency of the repressuring project now being attempted in the Grayburg Cooperative and Unit Area since we have not been able to inject any appreciable volume of gas in this well to date.

SECRET
NO FORN DISSEM
NO UNCLASSIFIED DISSEM

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