

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) Dual Completion	

.....2-26-53..... Hobbs, N.M.
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

.....Astec Oil and Gas Co.,..... Dauron.....
(Company or Operator) (Lease)

.....Gackle Drilling Co.,..... Well No. 2 in the NE 1/4 NE 1/4 of Sec. 10.....
(Contractor)

T. 21S., R. 37E., NMPM., Drinkard Pool, Lea County.

The Dates of this work were as follows: 11-5-52 to 1-15-53

Notice of intention to do the work (was) ~~was not~~ submitted on Form C-102 on 10-7-52, 19.....
(Cross out incorrect words)

and approval of the proposed plan (was) ~~was not~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

In accordance with Oil Conservation Commission Order #209 and approved form C-102 dated 10-7-52, this well was dually completed to produce oil from the Drinkard Formation through tubing and gas from the Blinbry Formation through the tubing-casing annulus.

A Baker Model D Production Packer was set @ 6510'. An Otis Type F Check Valve was installed immediately above the packer at 6506. A Baker tubing seal receptacle (equiv. to side door choke) was installed @ 6504'. The casing was loaded with mud above the packer and check valve. The tubing, casing, packer and check valve was pressure tested with 2000 psi and found to be ok. The casing was perforated opposite the Blinbry zone 565'-5705' w/4 shots per foot. The Blinbry Zone was acidized with 500 gallons of mud acid and 14,000 gallons of acid in 3 stages. After completing the Blinbry Zone, the Drinkard Zone was acidized with 1000 gallons of mud acid and 5000 gallons of acid in 3 stages.

After completion, a test was conducted to determine if communication between the tubing

Witnessed by P. R. Watts, Jr. Astec Oil and Gas Co. Engineer (over)
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

Noy Yorkrough
(Name)
(Title) (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge

Name *Walter R. Watts*

Position Engineer

Representing AZTEC OIL & GAS CO.

Address P. O. BOX 864
HOBBS, NEW MEXICO

and casing existed. The shut-in tubing pressure was recorded for 24 hours with the casing also remaining shut-in. The casing pressure was also recorded for 24 hours. During the shut-in period, the tubing pressure remained below 300 psi and the casing pressure remained at 1840 psi. A reproduction of this chart is attached.

The bottom hole pressures of the two zones were determined to be:

Drunkard 1562 psi @ -2796' (sub-sea)
Blindery 2226 psi @ -2226 "

The Blindery Zone tested 1800 MCF/D (AOF) and 22 bbls distillate/day.

Sketches showing the drill completion installation are attached.