



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 032233-A
Unit _____
B. A. Bowers - Federal
a/c 1

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-DRILL OR REPAIR REPAIR <input checked="" type="checkbox"/>
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)

Hobbs, New Mexico September 9, 1953

Well No. 2 is located 2335 ft. from S line and 2310 ft. from E line of sec. 30

SE 1/4 of Sec. 30
(1/4 Sec. and Sec. No.)

18-S
(Twp.)

38-E
(Range)

NMFM
(Meridian)

Hobbs
(Field)

Lea
(County or Subdivision)

New Mexico
(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)

The purpose of this workover was to locate and eliminate the fluid flow into the cellar.

On August 2, 1953, temperature survey and delta log were run by the Worth Well Co. with temperature anomalies found at 18', 216', and 3676'. Halliburton pump truck rigged up and pressured up between tubing and 5-1/2 casing and between 5-1/2 and 7-inch casing with no signs of leaks. A pressure of 1900 psi between 7 and 9-5/8 inch casing blew the packing from the bradenhead between 7 and 9-5/8 inch casing. The cellar was dug to approximately 12 feet and fluid was found entering through an open 1/2 inch valve on the surface casing. The well was flowed to pits at the rate of 18 to 20 barrels per hour. A total of 2468 barrels of water was pumped through the tubing into the formation with no increase in flow from surface casing and no water in the fluid coming from the surface casing.

(Continued)

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

Company Humble Oil & Refining Company

Address Box 2347, Hobbs, N. M.

By [Signature]

Title District Chief Clerk

mcb/mcb

September 9, 1953

Land Office Las Cruces

Humble Oil & Refining Co.

Lease No. 032233-A

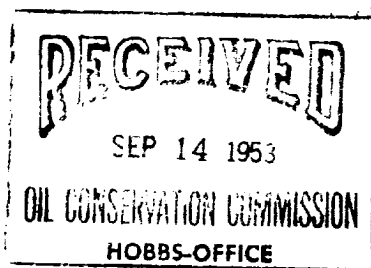
Details of Work (Continued)

B. A. Bowers - Federal a/c 1

J. P. (Bum) Gibbins' workover rig was rigged up on August 6, 1953. After pulling the 2-inch tubing a 4-3/4 inch bit was run on the tubing, a Baker production packer pushed down from 3960 to 4010 feet, and the packer was drilled. A Baker CI retainer was run on P. G. A. wire line, set at 4000 feet, and casing perforated at 3976 feet with 4 jet shots. With a Baker P & T tool set on the tubing at 3916 feet, the perforations at 3976 feet were pumped into, initial pressure of 3000 pounds broke to 2100 pounds at rate of 3/4 barrel minute, with no effect on flow from surface casing. Worth Well Company Temperature Survey, Delta Log, and Potential Survey were run. Delta Log indicated gas movement at 3678 feet. A Baker bridging plug was set at 3795 feet, 5-1/2 inch casing perforated 3677-3678 feet with 4 Welex jet shots per foot, Baker P & T tool set on 2 inch tubing at 3610 feet, and 900 barrels of water was injected into the formation with no effect on production from surface casing. The perforations 3677-3678 feet were squeeze cemented in three stages of 50, 100 and 100 sacks; 70 sacks of the last 100 were circulated out. The perforations at 3976 feet were squeezed with 40 sacks of cement, 37 sacks of which were reversed out. A Baker Model "D" production packer was set at 4000 feet on wire line and 4158 feet of 2 inch tubing was set at 4198 feet. One hours swabbing kicked the well off and the rig was released.

The flow gradually declined from day to day and on September 8, 1953 the amount produced from the surface casing was 29.71 barrels oil.

The total cumulative oil produced through surface casing through September 8, 1953 was 8212.52 barrels oil.



B. A. Bowers

