

(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces  
Lease No. 032233-4  
Unit 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..... <b>X</b>
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.....	

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

Well No. 14 is located 660 ft. from S line and 660 ft. from W line of sec. 29  
1/4 of 34/4 (1/4 Sec. and Sec. No.) 1-13-S (Twp.) 38-E (Range) New Mexico (State or Territory)  
Bowers (Field) Lea (County or Subdivision)

The elevation of the derrick floor above sea level is 3646 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)  
 On 10-22-51 measured 2" tbg. out of hole & corrected total depth to 3168'. Ran 3207', completed hole at 12:40 P.M., 10-24-51. Found top of second Bowers sand at 3197'. Pulled 2" tbg. & removed 4-3/4" rock bit. Ran insert pump & started pumping out oil at 12:00 noon 10-25-51. Finished pumping out oil load on 10-26-51 & put well on & it produced at the rate of 6.20 bbls. pipe line oil per day using 9 - 12" stroke oil, pumping 9 - 38" strokes per minute. On 10-29-51 tested well for 24 hrs. & it produced 15.86 bbls. pipe line oil per day pumping 9 - 32" strokes per minute. On 10-30-51, well pumped rate of 6.89 bbls. pipe line oil per day using 9 - 32" strokes per minute. On 10-31-51, well pumped pulled tubing & rods out of hole & 11-2-51 reran 3199' of 2" tbg. & set at 3124'. Hydrasfrac Bowers sand from 3162-3177' & 3197-3207' with 1500 gals. treatment.

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 1600  
Midland, Texas

By [Signature]  
 Title Asst. Division Superintendent

Prepared by JT

Typed by Wib

Shut well in until 7:00 A. M. 11-3-51 & then swabbed well dry, rec. 4 bbls. oil in 8 hrs. Pulled 2" tbg. & laid down Sweet formation packer. Reran 3189' of 2" tbg. & set at 3197'. Ran insert pump & rods, & pumped out oil load. On 11-4-51 & 11-5-51 pulled well & changed pump, pumped out oil load & started pumping well on 11-7-51. On 11-8-51, well produced 26 bbls. pipe line oil in 24 hrs. using 9 - 32" SPM. On 11-9-51, rec. 19.5 bbls. in 24 hrs. using 9 - 32" SPM. On 11-12-51 well produced 12.4 bbls. pipe line oil in 24 hrs. using 9 - 32" SPM. On 11-13-51 tested well at the rate of 6.88 bbls. pipe line oil per day using 9 - 32" SPM. This test was final test after workover.

[illegible]