

**DUPLICATE**

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 83067 (b)**RECEIVED**  
SEP 1 - 1951  
U.S. GEOLOGICAL SURVEY  
LAND 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.....	<b>X</b>		

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

**VAUGHAN B-1 NO. 4****Hobbs, New Mexico August 29, 1951**Well No. 4 is located 660 ft. from [N] line and 1980 ft. from [E] line of sec. 1NE 1/4 Sec. 1  
(4 sec. and 36 sq. No.)24S  
(Twp.)16E  
(Range)N.M.P.M.  
(Meridian)Langlo-Mattix  
(Field)Lee  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is 3351 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 subject well was drilled during March 1950 in an effort to obtain commercial oil production. 5 1/2" casing was set at 3438' and the pay section drilled with a reverse circulation rig to total depth 3593'. The pay section from 3487 to 3593' was shot with 206 qts. of solid nitro-glycerin and the hole cleaned out to total depth. The well tested 359.8 MCF gas per day, no oil or water, on a 10-hr. test, and was shut in pending further study and development.

The presence of deeper production is unknown at the present time; also the 5 1/2" casing precludes economical deepening more than a small amount. As there are two gas wells now producing on this 320-acre lease, there is no reason to attempt recompletion as a gas well.

Approval to plug and abandon the subject well is therefore requested. Proposed

(Continued on Attached Sheet)

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

Company Continental Oil CompanyAddress Box CCHobbs, N. M.By E. L. ShapTitle District Superintendent

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