

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, on the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		<b>Test Casing Shut-off</b> NOTICE OF INTENTION (OTHER)	<b>8-5/8"</b>	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

July 2, 1952  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Harry Leonard "E"

Gulf Oil Corporation

(Company or Operator)

Well No. 5 in H

(Unit)

SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 16, T. 21-S, R. 37-E, NMPM, Hare - Undesignated Pool

(40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK  
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

SEE ATTACHED SHEET

Approved 9 1952, 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION

By Roy Yarbrough

Title.....

Gulf Oil Corporation

(Company or Operator)

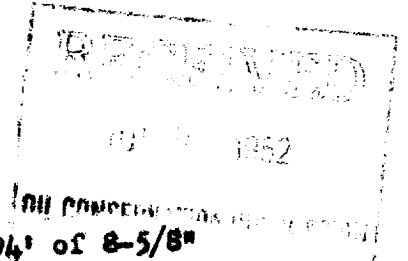
By C. O. Borland

Position Asst. Area Prod. Supt.  
Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Harry Leonard "E" #5



On June 28, 1952 ran 87 joints and 1 piece 2785.94' of 8-5/8" OD 32# J-55 8 Rnd Thd. SS casing w/ST&C. Cameron float shoe on bottom and Cameron float collar at 2719'. Three Weatherford centralizers at 2793', 2748' and 2687'. Set at 2799'. Pumped 708 sacks Longhorn 4% gel bulk cement and casing plugged. Unable to pump. Unable to clean cement out of casing. Set slips and cut pipe off. Drilled cement float and shoe, completed 6:00 AM June 29, 1952. Waited 6 hours and ran HOWCO temperature survey. Found top of cement at 2290' outside 8-5/8" casing. Completed 5:00 PM 6-29-52. Spotted 35 sacks regular cement thru 2-3/8" tubing from 2491' to 2366', displaced w/9 bbls. water. Pulled up to 2100' & circulated Job completed at 11:00 PM 30th. Found top of cement solid after 10 hours. Tested w/1000# - OK. Perforated 8-5/8" casing at 2240' w/two 7/16" bullet holes. Broke circulation w/600# pressure. Circulated free. Ran HOWCO D.M. cement retainer on 2-3/8" tubing. set at 2180'. Recemented 8-5/8" casing thru perforations at 2240' w/900 sacks DT 6% gel cement and 100 sacks Neat on bottom. Displaced tubing w/8 bbls water. Maximum pressure 800#. Circulated 140 sacks cement. Job completed at 4:30 PM July 1, 1952.

Drilled HOWCO D.M. Retainer 2180'- 2182' and cement from 2182' to 2250', cleaned out to 2366'. Tested casing w/1600#, pressure dropped to 700# in 30 minutes w/rams closed on 4 1/2" DP. Ran HOWCO retractable retainer on 4 1/2" DP and set at 2250'. Tested casing below perforations at 2240' w/2000# OK. Set same at 2230'. Pumped thru perforations at 1600#. Pumped 10 bbls water 2 bbls Permin w/2000# pressure. Ran Baker modle K cement retainer on 2-3/8" tubing set at 2206' and squeezed perforations w/100 sacks regular Trinity cement. Displaced w/8 bbls water. Maximum pressure 1600#. Backed off retainer and pulled tubing. Completed 8:00 PM 3 July 52.

Propose to test casing shut-off 2:00 AM July 5, 1952