

**RECEIVED**

APR 14 1960

O. C. G.

ARTERIA. OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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-DRILLING 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			
Notice of intention to re-cement	X		

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

Abo Chalk Bluff Draw Unit

April 11, 1960

WELL NO. 990 IS LOCATED 990 FT. FROM {N} LINE AND 2310 FT. FROM {W} LINE OF SEC. 9

NE/4 of NE/4 18-S 27-E NMPM  
(P. SEC. AND SEC. NO.) (TWP.) (RANGE) (MERIDIAN)  
Empire Eddy New Mexico  
(FIELD) (COUNTY OR SUBDIVISION) (STATE OR TERRITORY)

THE ELEVATION OF THE DERRICK FLOOR ABOVE SEA LEVEL IS 3558 EST.

DETAILS OF WORK

(NOTE NAMES OF ARE EXPECTED DEPTHS TO OBJECTIVE SANDS; SHOW SIZES, WEIGHTS, AND LENGTHS OF PROPOSED CASINGS; INDICATE MUDDING JOBS, CEMENTING POINTS, AND ALL OTHER IMPORTANT PROPOSED WORK.)

Circulate cement to surface to protect shallow pays.

Procedure:

1. Kill well with water. Pull tubing and set retrievable bridge plug at 4200 feet and spot 2 cubic feet sand on top of plug.
2. Perforate 4-1/2-inch casing at 4090 feet with 2 bullets and break circulation.
3. Cement down through casing with 470 sx 12 percent gel cement. Displace with water to 4040 feet. Measure water.
4. After M.O.C. 18 hours, drill cut below perforations at 4090 feet and pressure test to 1500 pounds.
5. If test OK, clean out to bridge plug. Retrieve bridge plug and circulate out from bottom. Load hole with caustic treated water.
6. Reset tubing, bottom assembly and packer at 5257 feet. Swab well back on production.

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.

**RECEIVED**

APR 12 1960

U. S. GEOLOGICAL SURVEY  
ARTERIA, NEW MEXICO

Agent