



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 060 881 A
Unit Federal

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.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	X
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.....		

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

January 3, 1962

Well No. 8 is located 1650 ft. from N line and 990 ft. from E line of sec. 4NW 1/4 SW 1/4 Sec. 4 20-5 35-E NMPM
(1/4 Sec. and Sec. No.) (Twp) (Range) (Meridian)Pearl-Queen Lea New Mexico
(Field) (County or Subdivision) (State)The elevation of the derrick floor above sea level is 3686 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)

- 12-5-61: Casing found to be leaking per report filed 12-11-61. Ran RTTS packer and found casing leaking below 5000' - presumably rubber plug leaking - as could pump water in at 2000 psi at 3 BPM at first; then plug almost sealed off - bled off from 4000-3700 psi in 15 min. Ran GR-N logs and cementlog - interpretation not conclusive regarding base of cement outside casing.
- 12-6-61: Jet-perf. 4 H @ 5012', set Howco "DC" squeeze packer at 5007' and pumped in 35 sac low fluid loss cement at 2700-2100 psi; Did not get squeeze. Sealed "DC" as bridge plug & reversed out 1 bbls cement. PBTD 5007'.

(OVER)

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

Company James G. Brown & AssociatesAddress P. O. Box 1625Midland, TexasBy Jawarun
Title Production Superintendent

Jet-pert. 4 H @ 4960' and set Howco "DM" squeeze packer at 4945'. Breakdown pressure 4000 psi - feeding at 3600 psi at 3/4 BPM.

Attempted squeeze w/ 50 sack low fluid loss cement; formation broke down and took cement at 1500 psi after 4 hrs. Cleared holes.

12-7-61: WOC 13 hrs. Pumped into perfs. at 4960' at 3200-2600 psi. Pumped in 35 sack regular-latex cement slowly at 1800 psi. Bridged "DM" and reversed out 3/4 bbl. cement.

12-8-61: WOC 48 hrs. D/O "DM" packer and cement. Pressure-tested to 1800 psi with water. Pressure dropped to 800 psi in 20 minutes. Set "DM" squeeze packer at 4927'; pumped into perfs at 4960' with water at 4200 psi at 1/2 BPM. Mixed 50 sack regular cement and while displacing pressure dropped from 4200-2800 psi. Maximum pressure 3200 psi in 1-1/2 hrs. - no squeeze. Cleared perfs. WOC 5 hrs. Pumped in water at 3700 psi at 1-1/2 BPM; mixed 50 sack regular cement with small amount "Floccolene" in last 30 sack. Squeezed to 6100 psi with estimated 22 sack. Reversed out excess cement.

12-11-61 12-61:

WOC 40 hrs. D/O "DM" packer and cement. Pressure-tested at 2000 psi with water for 30 minutes with no loss in pressure - WSOX. Displaced water with oil and completed well.