



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office **Santa Fe**Lease No. **078235**

Unit \_\_\_\_\_

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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	
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 <del>ABANDONMENT</del> <b>suspension</b>	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

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

August 28, 1959

**Maddox F A**  
Well No. **#1** is located **660** ft. from **AN** line and **660** ft. from **EW** line of sec. **34**  
**SW SW 34** **23N** **6W** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Undesignated** **Sandoval** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **7048** ft. **KB**

## 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 above described well was worked over in the following manner:

8/12/59 Schlumberger ran PDC log over intervals 1850-2050, 2600-3000, 4100-4350. Set bridge plug at 4355. Perforated 8 bullets 4150-4152 (PDC log). Squeezed with 75 sax. In place 6:50 PM.

8/14 Drilled cement and bridge plug.

8/15 Squeezed Gallup perf's (5331-5341, 5376-5414, 5450-5466) with 75 sax. Final pressure 4000 psi. In place 2:12 AM. Left top of cement at 5170. Tested perf's at 4150. Did not seal dry. Re-squeezed with 75 sax - final pressure 5000 psi.

8/17 After drilling out to 4162, snubbed perf's dry. Perf'd Point Lookout 4 jets/ft. 4136-4146 (PDC log). Snubbed tubing dry. Broke down perf's with 5 bbls water. BDP 3000 to 2200 psi. After recovering load water, snubbed Point Lookout perf's at 168 BWPD - fluid level steady at 1500' off bottom. No gas. Squeezed Point Lookout perf's with 75 sax. In place 9:06 PM. Final pressure 4500 psi. Left top cement at 4040'.

8/18 Perf'd 8 bullets 1940-1942. Squeezed Pictured Cliffs w 125 sax. In place 7:47 AM

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

Company **TEXAS NATIONAL PETROLEUM CO.**Address **405-1/2 WEST BROADWAY**  
**FARMINGTON, NEW MEXICO**

D. E. A. JOHNSON

By **D. E. A. Johnson**  
Manager, Rocky Mountain  
Division

8/19  
8/20  
8/23  
8/26

Final pressure 3700 psi. WOC 28 hrs. Top cement at 1905.  
Part'd Plotted CTR's 6 jets/ft 1883-1905 (PDC log). After recovering load water,  
sampled at rate of 48 HRPD. Voided with 500 gal 15% HCA. Injection pressure 1100  
psi - no breakdown.  
Sampled Plotted CTR's jets at rate of 114 HRPD. Very slight blow of gas ahead  
of each pull. Fluid level steady at 150' off bottom. Squeezed part's 1883-1905  
with 50 sec. Final pressure 2000 psi. In place 10:50 AM. Left top of cement at  
1780. WOC 48 hrs.  
Filled cement to 1910. Part'd 4 bullets/ft 1884-1906 (PDC log). Pressed with  
10,000 gals water and 10,000 lbs. 10-20 min. Breakdown pressure 2400-3100 psi.  
Injection pressure 1500-1100 psi. Injection rate 33 HPM. Standing pressure 400  
psi after 10 min. Well flowed back in hole water. Commenced sampling.  
Grab rate at end of 60 hrs. was 261 HRPD. Fluid level staying at 1000' off bottom.  
No increase in gas. Squeezed Plotted CTR's jets 1884-1906 with 35 sec. In  
place 3:40 PM. Final pressure 5000 psi. Left top of cement at 1750. Replaced  
casing head and temporarily suspended well.