Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. NM 03793
Unit
Breech

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	
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			

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

2-19, 19 59

Well No. PMD-224 is located 865 ft. from {N/S} line and 1140 ft. from {E/W} line of sec. 13

NW NE, NE 13 (¼ Sec. and Sec. No.) 26N (Twp.) 7W (Range) NMPM (Meridian)

South Blanco (Field) Rio Arriba (County or Subdivision) New Mexico (State or Territory)

RECEIVED
FEB 25 1959
OIL CON. COM.
DIST. 3

The elevation of the derrick floor above sea level is 6463 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)

Drilled to TD 7342'.
Ran 7" OD 26# & 23# Grd J-55 Casing to 7342 Cemented W/200 sacks. DV Collars are at 5398.33 & 3868.85. Pulled 2920' of 7" Casing top of liner now in hole is 2920'. Cement Baskets at 4916.06', 4656.24' & 4403.92'. Centralizers at 7293, 7209, 7117, 7028, 6937, 5137, 5038, 4943, 4854, 4755, 4659, 4560, 4465, 4374, 4283, 4182, 4089, 3995, 3903, 3704, 3610, 3515 & 3416.
Opened DV Tool at 5398' Ran Howco RTTS Packer to 3783' Cemented with 110 sacks 4% aquagel and 28# Flocele.
Pulled packer and opened DV tool at 3869' Ran Howco DM Squeeze packer to 3843' and cemented with 135 sacks 4% aquagel cement.
Ran Howco 9 5/8" DM Squeeze packer to 2891' and cemented with 50 sacks common cement Drilled up 9 5/8" Squeeze packer at 2891'. Tested 9 5/8" & 7" Casing with 3100# held OK. Drilled up retainer set at 3843. Tested casing Pressure broke at 2000# Back to

See attached sheet

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

Company Caulkins Oil Company

Address P. O. Box 967
Farmington, New Mexico

By Frank Gray

Title Field Supt.

GPO 862040

back to 1200#.
Ran another retainer to 3814 and cemented with 100 sacks common cement. Final pressure 800# casing was cleared of cement so another batch could be pumped in.
Squeezed DV Tool at 2869 with 50 sacks final pressure 4500#.
Drilled out retainer set at 3814 and tested casing with 3000# held OK.
Drilled out DV Tool at 5398 and tested. When test pressure reached 2900# it broke to 1600# drilled cement out to 7318'.
Ran Cemoton Survey to 7311' found indication of cement outside of casing at 7311 to 6351 - 5398 to 3488 - 3346 to 3310 - 3046 to 2719 - 2602 to 2276.
Ran Howco DM Squeeze Packer to 5361 could not break formation with 3500# pressure.
Drilled out Squeeze Packer tested casing with3000# had no decrease in 25 min.
Bailive drill pipe must have closed DV tool at 5398 while cleaning out to bottom.