



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP - 078115
Unit Grenier

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	XX
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	XX
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)

April 15, 1960

Grenier

Well No. 9 is located 1130 ft. from N line and 1000 ft. from E line of sec. 13

Section 13 T-21N R-12W T.21N.21.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated Pictured Cliffs San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6200 ft. 0.0.

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)

Total depth - 2687' I.B.P.D. - 2664'
Perforated from 2620 - 2646, with 4 shots per foot
Run logs: top of Pictured Cliffs - 2620'
Set 90 jts., 2656' of 2 7/8" casing, landed at 2664' with 70 sacks cement
Shutted well dry and tested with 300# pressure for two hours. Pipe okay.
Sand-water fraced with 8/10 gals., water and 40,000# sand
Breakdown pressure - 2300# back to 1400#
I.R. - 21 bpm
Maximum treating pressure - 2900# Minimum - 1800#
Shut in for gauge.

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

Company Astec Oil & Gas Company

Address Box 766,
Farmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON
By Joe C. Salmon
Title District Superintendent