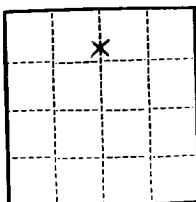


Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. NM 04073
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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			

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

Well No. 31E is located 825 ft. from N line and 751 ft. from E line of sec. 31
31 260 2W NMPM Meridian)
N/2 N/2 Sec 31 PC 260 2W NMPM Meridian)
Pinelake Rio Arriba New Mexico
 (Field) (Subdivision) (Section)

The elevation of the derrick floor above sea level is 7520 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)

Cement 8 5/8" casing at 100' with 75 sacks. Drill to total depth of 4000'. Estimated top of Pictured Cliffs 3920'. Cement 4 1/2" casing at 4000' with 100 sacks. Perforate and sand-water frac Pictured Cliffs.



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

Company Mountain States Petroleum Corporation
 Address Box 1741
Farmington, New Mexico
 By [Signature]
 Title Vice-President

Approved subject to State approval of the unorthodox location and subject to communitization of Section 31.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date May 22, 1960

Operator MOUNTAIN STATES PETROLEUM COMPANY Lease Federal
 Well No. 31E Unit Letter A Section 31 Township 26 NORTH Range 2 WEST NMPM
 Located 825 Feet From the NORTH Line, 751 Feet From the EAST Line
 County RIO ARriba G. L. Elevation 7515.0 Dedicated Acreage 183 Acres
 Name of Producing Formation Pictured Cliffs Pool Pinelake

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes _____ No X2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No _____. If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below:

OwnerLand Description

Section B.

SEC. 36

This is to certify that the information
 in Section A above is true and complete
 to the best of my knowledge and belief.

Mountain States
Petroleum Corporation

F. J. Ray (Operator)

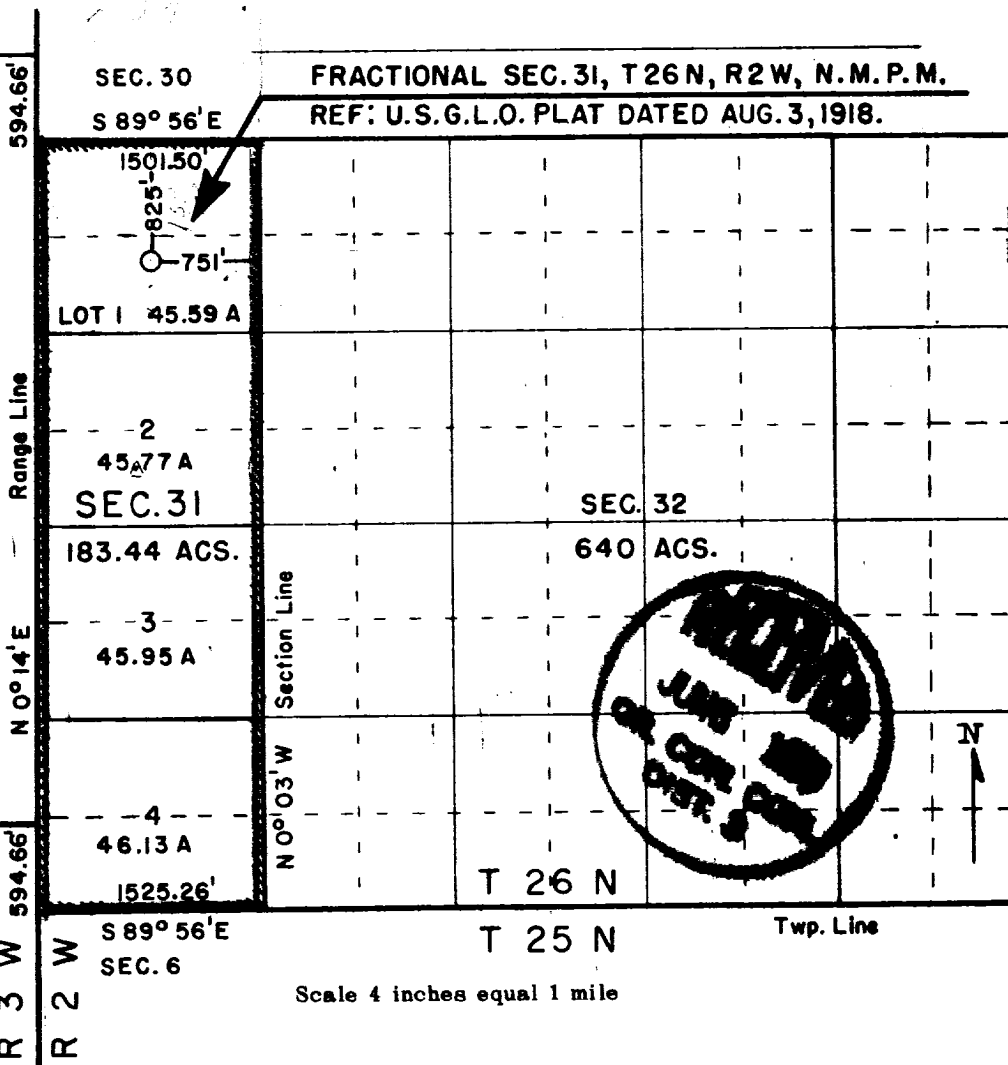
F. J. Ray
 (Representative)

Box 1741
 (Address)

Farmington, New Mexico

Ref: GEO plat dated 3 August 1918

T 26 N SEC. 36
 Twp. Line T 25 N SEC. 1



(Seal)

Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual surveys
 made by me or under my supervision and that the same are true and correct to the best
 of my knowledge and belief.

Date Surveyed 29 April 1960

James P. Lease
 Registered Professional Engineer and/or Land Surveyor
 James P. Lease N. Mex. Reg. No. 1463