

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa FeLease No. 9F 078863

Unit _____

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			

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

December 9, 1959

G. H. Krause-Federal

Well No. 1 is located 790 ft. from S line and 990 ft. from NE line of sec. 328 3/4 32
(1/4 Sec. and Sec. No.)28-N
(Twp.)11-W
(Range)NMPM
(Meridian)Wildcat Dakota & Gallup
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the ~~surface~~ ^{Ground} above sea level is 6035 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)

Plan to drill w/rotary tools to an estimated total depth of 6800' and dual complete well in Gallup and Dakota formations. Will set 200' of 10 3/4" O.D. 32.75# H-40 surface casing w/cement to circulate at surface and set 7" O.D. 23# H-80 production casing at total depth. Plan to fracture Dakota formation w/60,000# sand & 60,000 gals water and treat Gallup zones with 40,000# sand & 40,000 gals oil per zone. Will complete with dual strings of 2 3/8" O.D. 4.70# J-55 tubing.

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

Company WESTERN NATURAL GASAddress 211 1/2 East Main
Farmington, New Mexico

By

*Calvin M. Rayner*Title Petroleum Engineer

Well Location and Acreage Dedication Plat

Section A.

Date **DECEMBER 8, 1959**

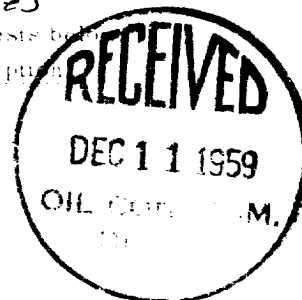
Operator **WESTERN NATURAL GAS COMPANY, ET AL** Lease **KRAUSE FEDERAL** SF **078863**
 Well No. **1(GD)** Unit Letter **M** Section **32** Township **28-N** Range **11-W** NMPM
 Located **790** Feet From **SOUTH** Line, **990** Feet From **WEST** Line
 County **SAN JUAN** G. L. Elevation **6035** Dedicated Acreage **40 & 320** Acres
 Name of Producing Formation **GALLUP AND DAKOTA** Pool **WILDCAT GALLUP & WILDCAT DAKOTA**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☒ No ☐ If answer is "yes", Type of Consolidation, *Joint Properties*

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

Owner

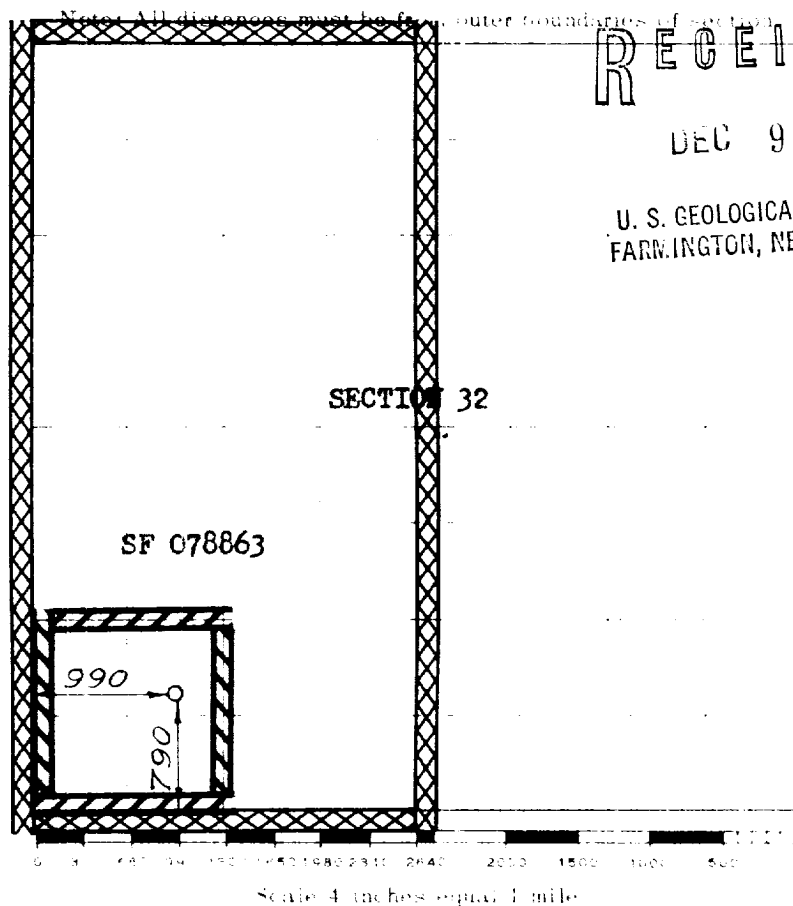
Land Description



Section B.

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

Western Natural Gas Co.
 (Operator)
Calvin M. Rayce
 (Representative)
21 1/2 W. Main
 (Address)
Farmington, N. Mex.



RECEIVED
 DEC 9 1959
 U. S. GEOLOGICAL SURVEY
 FARMINGTON, NEW MEXICO

I hereby 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.

(Seal)

Date Surveyed

DECEMBER 5, 1959

Farmington, New Mexico

C. O. Walker
 Registered Professional Engineer and Land Surveyor