## SUBMIT IN TRIPLICATE\*

Form approved, Budget Eureau No. 42-R1425.

(Other instructions on reverse side)

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\*See Instructions On Reverse Side

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

San Juan 22-5   Enit   15A   15A   15A   15A   15A   15A   15B	Topic states		All distances must be	Learn	0 110 QUI 11701.	Well this
P 6 20% 5.0 Rate of the continue of the contin	Forthwest Pineline Corneration		San Juan 29-	l .		
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1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks of the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consultated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes" type of consolidation  If answer is "no," list the owners and triet descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  1 hereby certify that the information contained been consolidated.  D. H. Maroncelli  Production Engineer.  Cegra.  Northwest Pipeline Corp.  1 little  Northwest Pipeline Corp.  2 annuary 27, 1977	•	ition of Well;				The second secon
1. Outline the acreage dedicated to the subject well by colored peneri or bachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof douch as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consulted by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes" type of consolidation  If answer is "not" list the owners and truet descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Communication.  CERTIFICATION  1 hereby certify that the information contained bear of ry knowledge and belief.  No allowable will be assigned to the well until all interests have been consolidated. (I be communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Communication.  CERTIFICATION  1 hereby certify that the information contained bear of ry knowledge and belief.  No. 1 hereby certify that the information contained bear of ry knowledge and belief.  No. 1 hereby certify that the information contained bear of ry knowledge and belief.  No. 1 hereby certify that the information contained bear of ry knowledge and belief.  No. 1 hereby certify that the information contained bear of ry knowledge and belief.  No. 1 hereby certify that the information contained bear of ry knowledge and belief.  No. 2 hereby certify that the information contained bear of ry knowledge and belief.  No. 2 hereby certify that the information contained bear of ry knowledge and belief.  No. 2 hereby certified by the Community of the community of ry the community of the community of the community of the community o				· · · · · · · · · · · · · · · · · · ·	et rom me Past	<del></del>
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NORTHWEST PIPELINE CORPORATION

MULTI - POINT SUFFACE USE PLAN

for the San Juan 29-5 Unit

Well Number 19A

- Existing Road: See attached topographic map. All existing roads used, shall be maintained in a serviceable condition at all times during the drilling operation.
- 2. Planned Access Roads: See attached topographic map. Maximum grade is approximately 17. The road surface will not exceed twenty feet in width. Upon completion of drilling operations, the access road will be adequately drained to control run off and soil econion. Drainage facilities may include ditches, water loca, culverts or any other deemed necessary. All activities will be confined to the access road and drill pad.
- 3. Location of Existing Wells: See attached topographic map.
- 4. Location of Taul: Datteries: Production Tacilities: and Production, Catherine and Service Lines: See attached topographic map for locations of existing and proposed gas gatheria; lines. The pipeline will be constructed adjacent to the access road.
- 5. Location and Type of Vater Supply: Water needed for the drilling operation will be hauled from the San Joan 29-6 Unit Water Well in the SW/4 28, T29M, R6W.
- 6. Some of Computation Peterials: No additional matchials will be needed.
- 7. Moti to for Pavelling Maste Disposal: All garbars, debuis, and trash will be buried at least three seet deep. A portable toilet will be supplied for human waste. After drilling operations have been completed the reserve pit will be fenced and the liquide portion will be allowed to evaporate before the location is cleaned up and leveled. The earther pito will not be located on natural drainages and will be constructed in such a manner so that they will not leak. Any evaporator pit containing toxic liquids will be fenced.
- 8. Ancillary Facilities: There will be no camps or airstrips associated with the drilling of this well.
- 9. Well 'e Layout: See attached layout sheet.
- 10. Plans for Restauration of the Surface: Upon completion of drilling, the location will be cleaned, and leveled so that no cut or fill banks will be steeper than 3:1.

All of the area disturbed in connection with the drill site will be seeded as close as possible for any above ground equipment while still allowing for access to the equipment. Seeding will be done within one year after drilling is completed and during the period from July 1 through September 15. Seeding will be done with seed Mixture #1.

All equipment above ground will be painted a non-glare, non-reflective, non-chalking color that simulates the natural color the site. For this well code number 959-34127, Green.

11. Other Information: If, during operations, any historic or prehistoric ruin, monument or site, or any object of antiquity is discovered, then work will be suspended and the discovery will be reported to the District Manager of the BLM.

When drilling with gas, the line used to discharge and burn off the gas will be located so as not to damage vegetation in the area, and if necessary an earther screen will be constructed to protect the vegetation. All liquids from the line will be contained at the site unless otherwise specified by the surface agency's representative.

Multi-Point Surface Use Plan -San Juan 29-5 Unit #19A Page 2

The area covered by the location and proposed access road is gently sloped with scattered brush and some grasses.

12. Operator's Representative: J.P. Slattery, P.O. Box 90, Farmington, N.M., 87401 Phone: 327-5351 Extension 6?.

# 13. Certification:

I hereby certify that I have inspected the proposed drillaite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed berein will be performed by Morthwest Pipeline Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3-70-27

Drilli . Engineer

JPS/ks

## OPERATIONS PLAN

San Juan 29-5 Unit #19A

Rio Arriba County, New Mexico

I. LOCATION: SE/4 Sec.6, T29N, R5W

LEASE NUMBER: SF 078410

FIELD: Blanco Mesa Verde ELEVATION: 6575' CR

#### II. GEOLOGY:

A. Formation Tops:

San Jose: Surface Cliff House: 5379'
Ojo Alamo: 2756' Menefee: 5457'
Kirtland: 2906' Point Lookout: 5738'
Fruithand: 3223' Total Depth: 5938'
Pictured Cliffs: 3568'

Pictured Cliffs: 3568' Lewis: 3688'

B. Logging Program: Garma Ray-Induction and Density at T.D.

C. Coring Program: None

D. Testing Program: None

# III. DRILLING:

A. Anticipated starting date and duration of activities: March 10, 1977 Operations will take approximately 14 days.

B. BOP: Blind rams and pipe rams,  $10^{11}$ , 900 series, double gate, rated at 3000 PSI.

C. Mud Program:

(a) Spud Mud: Water, lime and gel.

(b) Surface to 3688

Viscosity: 32-38 sec/qt. Weight: 8.8-9.2 #/gal.

Water Loss: 8-20 cc. Ph: 8.5-9.5

(c) From 3688' to 3888'

Viscosity: 36-45 sec/qt. Weight: 8.5-9.5 #/gal.

Water Loss: 6-12 cc. Ph: 8.5-9.5

(d) From 3888' to total depth with gas.

#### IV. MATERIALS:

A. Casing Program:

Hole Size	Depth O.H.	Casing Size	Wt. & Grade	Depth Set
12 1/4"	200 <b>'</b>	9 5/8"	36# K-55	200*
8 3/411	· 3888 <b>'</b>	7"	20# K <b>−</b> 55	3888*
6 1/4"	3838'-T.D.	4 1/2"	10.5# K-55	3738'-T.D.

B. Tubing Porgram: 5880', 2 3/8", 4.7#, J-55 tubing with seating nipple on top of bottom joint. Expendable check valve on bottom.

## V. CEMENTING:

- A. Surface Casing 9 5/8" Use 125 sks. Cl. "B" w/1/4# gel flake/sk. & 3% calcium chloride (100% excess to circ.). WOC 12 hrs. Test surface csg. to 600 PSI for 30 min.
- B. Intermediate Casing Use 100 sks. Cl."1' 65/35 poz w/l2% gel & 15.52 gal. water/sk. Tail in w/50 sks. Cl. "B" w/2% calcium chloride (80% excess to cover Ojo Alamo) WOC 12 hrs. Run temp. survey after 8 hrs. Test csg. to 600 PSI.
- C. Production Liner 4 1/2" Use 210 sks. C1. "B" w/4% gel & 1/4 cu. ft. of fine Gilsonite/sk. Precede cmt. w/20 bbls. water mixed w/3 sks. gel (70% excess to circ. liner). Set liner pack off & reverse out excess cmt. Run 6 1/4" bit to top of liner & pressure test. (test 12 hrs. after plug is down) Lay down DP & run 3 7/8" bit on & 2 3/8" EUE tubing to clean out liner. Perforate 18 hrs. after plug is down.

DHM/ks



#### REMABILITATION AGREEMENT

	) ; Well Name and No.: San Juan 29-5 Unit #19A ;
Locarion: SE & SE & S	Sec. 6, T. 29 N., R. 5 W.
	<del>-</del>
Northwest Pipeline Corpo	oration Oil Company intends to drill a well on sur-
face owned byG	following rehabilitation work if the well is a producer:
agrees to complete the	following rehabilitation work if the well is a producer:
// Yes // No	Maintain access road and provide adequate drainage to road.
· // Yes // No	Reshape and reseed any area in excess of the pump and support facilities.
0.01	
Other requirements:	
The following work will	be completed when the well is abandoned:
/X/ Yes // No	Site will require reshaping to conform to existing topography.
/X/ Yes // No	Pit will be fenced until dry, then filled to conform to topography.
√W Yes √/ No	Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:
·	Mixture #1
Yes // No	Access road will be rehabilitated and resceded using the same seed mixture as above.
// Yes // No	Access road will remain for landowner's use.
Other requirements:	
Landowae r	Operator/Lessee
Name: Gomez Brothers	Name: Northwest Pipeline Corporation
Address:	Address: P.O. Roy 90
City: Lumberton	City: Farmington
State: New Mexico	State: New Mexico
Celephone:	1erephone: 327-333x
Date: " 3/4/77	Date: 374/77
$\sqrt{\chi}$ Yes $\sqrt{}$ No	I certify rehabilitation has been discussed with the surface owner.

This agreement covers rehabilitation requirements only and does not affect any, other agreements between the lessec/operator and surface owner.

NORTHWEST PRESNE CORFORATION LOSSIUT

Tonker Fuel ACSERVE MUD TANKS Mann 816 PIPE ROCKS

DATE: 34

