Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

CONDITIONS OF AFFROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

Form C	-101
Revised	1-1-89

Santa Fe, New Mexico 87904-2088 Santa Fe, New Mexico 87904-2088 S. Indicas Type of Lase STATE FEE N.				API NO. (assigned by OCD on New Wells) 5. Indicate Type of Lease STATE FEE X				
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1. Type of Work: DRILL RE-ENTER DEEPEN PLUG BACK	APPLICAT	ION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK				
b. Type of Well Out VALL V					7. Lease Name or Unit A	agreement Name		
VELL WILL ORDER 20NE SAN JUAN 29-6 Unit 219 2 Name of Operator Northwest Pipeline Corporation 3. Address of Operator 35:39 East 30th St., Farmington, NM 87401 4. Well Location 10 Township 29N Range 6W NAMEN Rich Arriba County Section 10 Township 29N Range 6W NAMEN Rich Arriba County 10. Proposed Depth 34. Well Location Section 10 Township 29N Range 6W NAMEN Rich Arriba County 11. Proposed Depth 34. Well County 12. Real of 13. Drilling Contension 13. Elevations (Show whether DF, RT, GR, set.) 14. Kize of A Sans Plug Bond 15. Drilling Contension 16. Approx Date West will start 17. PROPOSED CASING AND CEMENT PROGRAM 17. PROPOSED CASING AND CEMENT PROGRAM 18. Privations 18. Privations (Show whether West will start 19. PROPOSED CASING AND CEMENT PROGRAM 12. Real of 12. Real o	b. Type of Well:	RE-ENTE		_				
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13. Elevations (Show whether DF, RT, GR, sec.) 14. Kind & Stans Phys. Bond 15. Drilling Contractor 16. Approx. Due Work will start 6440" (GL Unprepared) 14. Kind & Stans Phys. Bond Advise Later 16. Approx. Due Work will start 17. PROPOSED CASING AND CEMENT PROGRAM 15. C	Section	10WI						
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Blanket Advise Later Upon Approval			3400'	(±)	Fruitland	Rotary		
SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH SACKS OF CEMENT EST. TOP 121" 9-5/8" 36# K-55 STSC 250' 150 SXS Circ to Surface 81" 7" 23# K-55 LTSC 3030' 380 SXS Circ to Surface * 6-1/8" 51" Liner 15.5# or 23# 3400' Top of Liner *If the coal is cleated a 51", 23#, P-110 liner will be run in the opened hole without being cemented. *If the coal is not cleated a 51", 15.5#, J-55 liner will be run cemented w/85 SXS and the well will be fractured. APPROVAL EXPIRED 6-10-10-10-10-10-10-10-10-10-10-10-10-10-			_		1	ı		
12½" 9-5/8" 36# K-55 ST&C 250' 150 SXS Circ to Surface 8½" 7" 23# K-55 LT&C 3030' 380 SXS Circ to Surface * 6-1/8" 5½" Liner 15.5# or 23# 3400' Top of Liner *If the coal is cleated a 5½", 23#, P-110 liner will be run in the opened hole without being cemented. *If the coal is not cleated a 5½", 15.5#, J-55 liner will be run cemented w/85 SXS and the well will be fractured. APPROVAL EXPRES 6-16-16. LUNLESS DE LINE & COMMENCED. SPUD & CIRCE MUST BE SUBMITTED WITHIN 10 DAYS. Use mud additives as required for control. BOP EQUIP: (See attached schematic - Fig. 7-9 or 7-10) IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: PRESCRIBE TO STATE PROPOSED NEW PRODUCTIVE ZONE GIVE NUMBER PROPOSED FROM FAMY. Increby centry that the information shows is true and complete to the best of my knowledge and belief. SIGNATURE 6-12-90 THE Manager Prod. & Drig. DATE 1-12-90 THE PROPOSED FROM SAMO SPACE 1-12-12-12-12-12-12-12-12-12-12-12-12-12		 	ROPOSED CASING AN	ND CEMENT PRO	1- /			
* 6-1/8" 7" 23# K-55 LT&C 3030' 380 Sxs Circ to Surface * 6-1/8" 5½" Liner 15.5# or 23# 3400' Top of Liner *If the coal is cleated a 5½", 23#, P-110 liner will be run in the opened hole without being cemented. *If the coal is not cleated a 5½", 15.5#, J-55 liner will be run cemented w/85 Sxs and the well will be fractured. APPROVAL EXPRES 6-16-10 Unless DR LING 1-COMMACNED. SPUT 1-COMMACNED. SPUT 1-COMMACNED. SPUT 1-COMMACNED. Use mud additives as required for control. BOP EQUIP: (See attached schematic - Pig. 7-9 or 7-10) IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: PHOTOSAL B TO DESPENOR PLUG BACK, ONVEDATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE OF SUBJECT OF SUBJE	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP		
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State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240

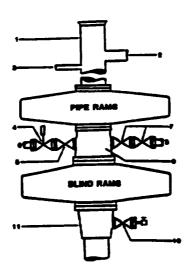
DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 WELL LOCATION AND ACREAGE DEDICATION PLAT

1000 Rio Brazos Rd., Azzec, NM 87410	All Distances must be	from the outer	boundaries of the s	ection		
Operator NORTHWEST PIPELIN	IE CORP.	Lease SAN	1 JUAN 29-	-6 l	JNIT	Well No. 219
1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	r.29 N.	Range	R.6 W.	NME	County RIO A	RRIBA COUNTY
Actual Footage Location of Well: NOR feet from the		1	848	feet fro	EAS	line
Ground level Elev. Producing Formation 6440 Fruitland		P∞l Basin	Fruitland Co	al G	as	Dedicated Acreage: 320 Acres
1. Outline the acreage dedicated to the subj	ect well by colored per	ocil or hachure n	sarks on the plat below	<i>'</i> .		
2. If more than one lease is dedicated to the						
3. If more than one lease of different owner	rship is dedicated to the	well, have the			solidated by comi	runitization,
unitization, force-pooling, etc.?	If answer is "yes" typ	e of consolidati	Unitiza		<u> </u>	
If answer is "no" list the owners and tract d this form if neccessary.						
No allowable will be assigned to the well user until a non-standard unit, eliminating suc	ntil all interests have b	een consolidated	(by communitization, vision.	unitizat	ion, forced-poolin	g, or otherwise)
or until a non-standard unit, emitarianing soc	1			/	OPERAT	OR CERTIFICATION
	5268.12		N 89-55 E	1	1 hereby	certify that the information
	 		Tract 20 84.13 Acres	. /	best of my know	in in true and complete to the ledge and belief.
	1	559'	Fee	980		
	1. 1	15.		25	Signature	
	1			,	Printed Name	Thompson
	1 1				Paul Tho	mpson
	-1-1	-	1848'	-	Position	Prod. & Drlg.
	/	j		ш	Сосправу	1104. 4 2119.
i	∤			103		t Pipeline Corp.
	1	!		8, z	Date 1-1	2-90
					SURVEY	OR CERTIFICATION
	7			1	I hereby certify	y that the well location shown as plotted from field notes of
DEGETYEN	†	Trad	.+ 2		actual surveys	made by me or under my
M W	ł	1	.87 Acres		supervison, an	d that the same is true and best of my knowledge and
JAN1 61990	1		078278	1	belief.	• •
OIL COM OR	1	•	•	1	Date Surveyed	ER 18,00 1989
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FIELD PRACTICES AND STANDARDS

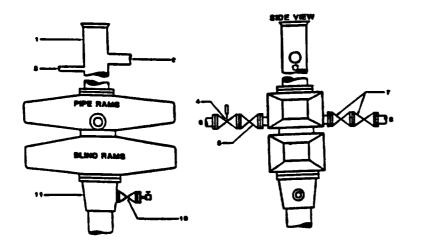
ALTERNATIVE



- 1. BELL NUPPLE
- 2. FLOW LINE
- 1. FILLUP LINE
- 4. 2" FE PRESSURE OPERATED CHOKE LINE VALVE
- S. 2" FE GATE VALVE S. 2" FE CHOKE LINE TO MANIFOLD
- 7. 2" PEGATE VALVES & 2" FEKILL LINE
- & DRILLING SPOOL
- 10. 2" SE OR FE GATE VALVE WITH NEEDLE
- ... VALVE 11. CASING HEAD HOUSING

NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAME IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

Figure 7-9. Standard Hydraulic Blowout Preventer Assembly 3 M Working Pressure Alternative 1



- 1. BELL NIPPLE
- 2 FLOW LINE
- 1 FILLIPLINE
- 4 2" FE PRESSURE-OPERATED CHOKE LINE VALVE
- L 2" FEGATE VALVE
- 6. 2" FE CHOKE LINE TO MANIFOLD
- 7. 2" FE GATE VALVES
- & 2" FE KILL LIN
- 10. 2" SE OR FE GATE VALVE WITH NEEDLE
- VALVE
- 11. CARNG HEAD HOUSING

Figure 7-10. Standard Hydraulic Blowout Preventer Assembly 3 M Working Pressure Alternative 3 (without Drilling Spool)

