30-039-24647

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED PLE MAIL ROOM

BS MAR 20 AM 10: 33

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						
la.	TYPE OF WORK DRILL	L, DEEPEN, OR PLUG BACK				
lb.	TYPE OF WELL	6. IF INDIAN, ALL. OR TRIBE NAME				
	GAS SINGLE ZONE					
2.	OPERATOR	7. UNIT AGREEMENT NAME				
	EL PASO NATURAL GAS CO.	SAN JUAN 28-4 UNIT				
3.	ADDRESS & PHONE NO. OF OPERATOR	8. FARM OR LEASE NAME				
	P O BOX 4990	SAN JUAN 28-4 UNIT				
	FARMINGTON, NM 87499	9. WELL NO.				
		204				
4.	LOCATION OF WELL	10. FIELD, POOL, OR WILDCAT				
	790'S 2510'W	BASIN FRUITLAND COAL				
		11. SEC. T. R. M OR BLK.				
		A SEC. 19 T28N R04W NMPM				
14.	DISTANCE IN MILES FROM NEAREST TOWN	12. COUNTY 13. STATE				
	8 MILES FROM GOBERNADOR	RIO ARRIBA NM				
15.	DISTANCE FROM 16. ACRES	S IN LEASE 17. ACRES ASSIGNED TO WELL				
	PROPOSED LOCATION 790' TO NEAREST PROPERTY	1917 5/319.38				
	1110 2341 N.T. (C.	subject to technical and // view pursuant to 43 CFR 3165.3				
	**************************************	rewant to 43 CFR 3165.4.				
18.	DISTANCE FROM 19. PROPO	OSED DEPTH 20. ROTARY OR CABLE TOOLS				
		1405' ROTARY				
	TO NEAREST WELL DR. 900' COMPL., OR APPLIED	DANILING OPERATIONS AUTHORIZED ARE				
	FOR ON THIS LEASE.	SUBJECT TO COMPLIANCE WITH ATTACHED				
	TON ON THIS BEIDE.	"GENERAL REQUIREMENTS".				
21.	ELEVATIONS (DF, FT, GR, ETC.)	22. APPROX. DATE WORK WILL START				
	7410'GL					
23.	DRODOSED CASING AND C	PEMENTING DROCK AND FREE IN FIRM				
	*SEE OPERATIONS PI	MAR 07 1990				
		OIL CON. DIV.				
		· ·				
DIST. 3						
24. AUTHORIZED BY: Standfield 3-16-89						
- · ·	REGULATORY AFFAIRS DATE ROVED					
	-					
		AS AMENDED				
		MAR 0.2.1990				
NOTE:	THIS FORMAT IS ISSUED IN LIEU OF US	BLM FORM 3160-3.				
	(WAREA MANAGER				
	OK.	y ye that there is the second				

NIMCOO

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-

All distances must be from the outer boundaries of the Section.

San Juan 23-4 Unit (M-03862) 204 Unit Letter San Juan 23-4 Unit (M-03862) 204 Unit Letter H 19 Townsell 19 Townsell 19 Townsell 19 Townsell 10 Townsell 1	· · ·	5 /	2 7 1	Lease	4	Well No.			
Unit Level 19 Towards 18 worth 19 28 North 2 West Country Rio Arriba Actual Fairnes Localism of West Inc. Actual Fairnes Localism of West Inc. Frought South 10 2510 tour from the South 10 and 2510 tour from the West 10 20 1. Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plate below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to werk laterest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation unitization If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse sid this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitizat forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divice of the well until all interests have been consolidated (by communitization, unitization, unitization) RECEIVED MAROT 1990 OIL CON. DIV.: Dist. 3. Registered Principles and Longwert and Consolidation and Conso	Coerdion 31 Paso	Natural Ca	Dillares						
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tree from the South tree and 2500 teer from the West Interest Production Formation Pool 7410 Period Interest Committee Pool 7410 Period Interest Committee Pool Fruitland Coal Basin South 1 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc? Yes No If answer is "yes." type of consolidation If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse sid this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization forced-pooling, or otherwise) or until a non-trandard unit, eliminating such interests, has been approved by the Divi- CERTIFICATION Another centre that the information forced pencil or hackure from the information of the product of the p		1	28 North	4 West	Rio Arriba	<u> </u>			
Tender Level Elev. Protecting Formation 74.0 Basin Desicutes Accessed 74.0 Section 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royally). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc? 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc? 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization, unitization). 4. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization, unitization). 5. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization, force-pooling, etc? 5. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization). 6. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization). 6. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization). 7. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization). 8. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by communitization). 9. If more than one lease of different ownership is dedicated to the well, outline each and identify the ownership thereof (both as to work dated by comm		5	outh	2510 .	West	11			
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DECEIVED MAR 07, 1990 OIL CON. DIV. DIST. 3. December of actual darks and by marked of actua	SECTIVED SECTIVED AN INC. AS HAR 20 AN IN: 33	ARMINGTON NEW MEXICO			regula Position El Pas Compony	tory Affairs Natural Gas			
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DATE: SEP 9,1989

Well Name: 204 SAN JUAN 28-4 UNIT

Sec. 19 T28N R04W

790'S 2510'W RIO ARRIBA NEW MEXICO

FRUITLAND COAL BASIN

Elevation 7410'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 3760

Kirtland- 3940

Fruitland- 4185

Fruitland Coal Top- 4250

Fruitland Coal Base- 4392

Total Depth- 4405

Pictured Cliffs- 4410

Logging Program: Mud logs from 4185 to total depth.

Mud Program: Interval Type Weight Visc. Fl. Loss 0 - 200Spud 8.4 - 8.940-50 no contro. 200 - 4405 Non-dispersed 8.4 - 9.5 30-60 no contro.

Casing Program: Hole Size Depth Interval Csg. Size Weight Grade 12 1/4" 8 5/8" 0 - 200 24.0# K - 40

7 7/8" 5 1/2" 15.5# K-55

0 - 4405 5 1/2" 0 - 4405 2 3/8" Tubing Program: 4.7# J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.

5 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe.

Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree assemble

Cementing:

8 5/8" surface casing - cement with 140 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (165 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 55 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 224 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

