UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERMIT TO	DRILL, DEEPEN, OR PLUG BACK
la.	TYPE OF WORK	5. LEASE NUMBER
1 h	TYPE OF WELL	SF-080711B
TD.	GAS	6. IF INDIAN, ALL. OR TRIBE NAME
	GAS	
2.	OPERATOR	7. UNIT AGREEMENT NAME
	EL PASO NATURAL GAS CO.	SAN JUAN 30-6 UNIT
3.	ADDRESS & PHONE NO. OF OPERATOR	8. FARM OR LEASE NAME
	P O BOX 4289	SAN JUAN 30-6 UNIT
	FARMINGTON, NM 87499	9. WELL NO.
	, -, -, -, -, -, -, -, -, -, -, -, -, -,	484
4.	LOCATION OF WELL	10. FIELD, POOL, OR WILDCAT
	1090'FSL 1690'FWL	BASIN FRUITLAND COAL
		11. SEC. T. R. M OR BLK.
		A SEC. 34 T30N R06W NMPM
14.	DISTANCE IN MILES FROM NEAREST T	TOWN 12. COUNTY 13.STATE
	14 mi. from Gobernador	RIO ARRIBA NM
15.	DISTANCE FROM 16.	ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
	PROPOSED LOCATION 1090'	// // 320 00
	TO NEAREST PROPERTY	914190
	OR LEASE LINE.	Subject to committee after all all
10	DIGMINOR PROV	" Candida Dirangan Cara
18.	DISTANCE FROM 19.	PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
	PROPOSED LOCATION	3359' ROTARY
	TO NEAREST WELL DR. 400'	
	COMPL., OR APPLIED This FOR ON THIS LEASE.	action is subject to technical and
	piout	appeal pursuant to 43 CFR 3165.9
21.	ELEVATIONS (DF, FT, GR, ETC.)	22. APPROX. DATE WORK WILL START
	6450 Gt	
23.	E445	
		AND CEMENTING PROGRAM
	*SEE OPERATIO	DAE CEIVE
	$-$. \cap	
	FOOL d/	MAY1 4 1990 / /
24.	AUTHORIZED BY:	4/26/92
	REG. DRILLING E	ENGR. OIL CON. DIV. 4/26/93 BATE
	,	DET. 3 APPROVED
PERMI	T NOAPP	PROVAL DATE AS AMERICO
Δ D D D ∩	OVED BY TITLE	MAX 10 2 1997
AI FAU	OVED BYTITLE	DATE ME
		h Telkshell
NOTE:	THIS FORMAT IS ISSUED IN LIEU (OF HE BIN FORM 2160 AREA MANAGEN
	1.	OI "OP DIM LOKW 2100-2%

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OR CON. DIV.

Submit to Appropriate District Office State Lease - 4 copies Foe Lease - 3 copies

State of New Mexico Energy, Minerais and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT III
1000 Rio Brazos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

erstor 101	ortion.	Col Inc.	Lates	Well No.
HI Pas	Section Section	400	San Juan 30-6	
N. Date:	34	30 North	Rmm 6 West	NAMEN Rio Arriba
	eation of Well:	JO 1101 011	0. 11030	NMPM RIO AFFIDA
1090	feet from the So	uth line	and 1690	feet from the West line
und level Elev.	Produc	ng Formation	Pool	Dedicated Acreage:
64 45 "	Fruit	land Coal	Basin	320 Acres
1. Outlin	se the acreege dedicat	ed to the subject well by colors	d peacit or hachure marks on the plan	below.
2. If mo	re then one lease is de	edicated to the well custime end	t and identify the remember thereof	(both as to working interest and royalty).
				• • • • • • • • • • • • • • • • • • • •
3. If mo	re than one lease of di stion, force-pooling, e	ifferent ownership is dedicated	to the well, have the interest of all or	vners been consolidated by communitization,
$\overline{\mathbf{x}}$	Yes	No If answer is "ye	s" type of consolidation	unitization
if answe		es and tract descriptions which	have actually been consolidated. (Un	se severse ade of
	t if seconsary.	to the well until all interests h	tys been consolidated thy community	Ention, unitization, forced-pooting, or otherwise)
or until s	non-standard unit, el	iminating such interest, has been	a approved by the Division.	zanos, umuzados, forcio-pooling, or otherwise)
				OPERATOR CERTIFICATION
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	!			contained harets in true and complete to
	!			best of my knowledge and belief.
	l l			Signature State Files
	l ł		ļ	Peggy Bradfield
	1			Printed Name
				Regulatory Affairs
			OF EXELV	Position
	i		IN EXECUTE	El Paso Natural Gas
			25	Company 4-26-90
	i		MAN 4 1990	Date
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		38-		SURVEYOR CERTIFICATION
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	ĺ		i	on this plat was plotted from field notes
	1		ĺ	actual surveys made by me or under supervison, and that the same is true
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	1		1	Date Sureypid
				Neale C. Edwards
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330 660	990 1320 1650	1900 2310 2640	2000 1500 1000 5 6	00 0

DATE: APR 26,1990

Well Name: 484 SAN JUAN 30-6 UNIT

Sec. 34 T30N R06W

BASIN FRUITLAND COAL 1090'FSL 1690'FWL RIO ARRIBA NEW MEXICO

Elevation 6450'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2518 Kirtland- 2635

Fruitland- 3018

Intermediate TD- 3154

Total Depth- 3359

Logging Program: Mud logs from intermediate to total depth.

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H - 40
	8 3/4"	0 - 3154	7"	20.0#	K-55
	6 1/4"	3104 - 3359	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3359	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe and four centralizers run every other joint across Ojo Alamo. Run insert float one joint above the guide shoe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

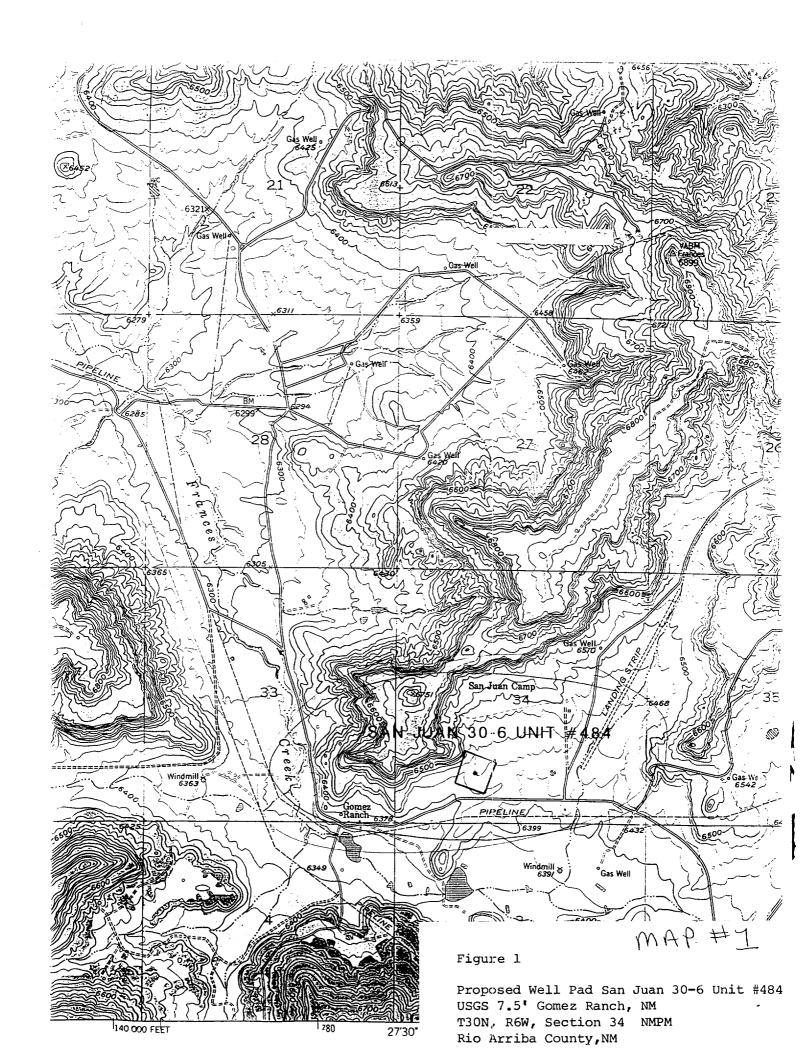
Wellhead Equipment: $9 \frac{5}{8}$ " x 7" x 2 $\frac{7}{8}$ " x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 410 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. 939 cu ft. of slurry, 110% excess to circulate to surface. WOC 12 hours.

5 1/2" liner - do not cement.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK la. TYPE OF WORK 5. LEASE NUMBER DRILL SF-080711B 1b. TYPE OF WELL 6. IF INDIAN, ALL. OR TRIBE NAME GAS 2. OPERATOR 7. UNIT AGREEMENT NAME EL PASO NATURAL CAS CO. SAN JUAN 30-6 UNIT ADDRESS & PHONE NO. OF OPERATOR 8. FARM OR LEASE NAME P O BOX 4289 SAN JUAN 30-6 UNIT FARMINGTON, NM 87499 9. WELL NO. 484 LOCATION OF WELL 10. FIELD, POOL, OR WILDCAT 1090'FSL 1690'FWL BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 34 T30N R06W NMPM 14. DISTANCE IN MILES FROM NEAREST TOWN 12. COUNTY 13.STATE 14 mi. from Gobernador RIO ARRIBA 15. DISTANCE FROM 16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL PROPOSED LOCATION 1090' 320.00 TO NEAREST PROPERTY 241.90 DRILLING OPERATIONS AUTHOPIZED ARE OR LEASE LINE. SUBJECT TO COMPLIANCE WITH ATTACHED 18. DISTANCE FROM 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS PROPOSED LOCATION 3359' ROTARY TO NEAREST WELL DR. 400' COMPL., OR APPLIED This action is subject to technical and FOR ON THIS LEASE. procedural raview pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. ELEVATIONS (DF, FT, GR, ETC.) 22. APPROX. DATE WORK WILL START 6450 GL 23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATION !! MAY1 4 1990 AUTHORIZED BY: DRILLING ENGROIL CON. DIV.

		- DRIBBA	d ENGR.	DIST. 3	3	PATE
PERMIT NO.			APPROVAL	DATE		APPROLED
APPROVED BY		TITLE		-	DATE	AS ARREST D
NOTE: THIS	FORMAT IS I	SSUED IN LI	EU OF US	BLM FO	RM 3160-A	Jelus Keller

NMOCD

OIL CON. DIV.

Submit to Appropriate
District Office
State Lease - 4 comes
For Lease - 3 comes

State of New Mexico Energy, Minerais and Natural Resources Department

Form C-102 Revised 1-1-89

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Letter	Section	Township		Range		UILLU	County	484
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or testil a	son-standard unit, eli	minating such	interest, has been	a approved by the	Division.		-cacerpoolin	6, or otherwise)
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CIL CON. DIV.

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Ojo Alamo- 2518

Kirtland- 2635

Fruitland- 3018

Intermediate TD- 3154

Total Depth- 3359

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval 0 - 200 200 - 3154 3154 - 3359	Type Spud Non-dispersed Formation Water		Visc. 40-50 30-60	Fl. Loss no control no control no control
			· · ·		no contro

Casing Program:	12 1/4"	Depth Interval 0 - 200	l Csg. Size 9 5/8"	Weight 32.3#	Grade H-40
	8 3/4"	0 - 3154	7"	20.0#	K-55
Mark day on the	6 1/4"	3104 - 3359	5 1/2"	15.5#	K-55
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