Form 3160— (November 1 (Formerly 9	0837	UNITED ST EPARTMENT OF T BUREAU OF LAND	HE INTERIO	SUBMIT IN TRIPLICATES (Other instructions on reverse side)	5. LEASE DESIGNATION AND SERIAL NO. SF 079383
		Y NOTICES AND for proposals to drull or to "APPLICATION FOR PER			6. IP INDIAN, ALLOTTEE OR TRIBE NAME
OIL WELL 2. NAME OF	(· · · · · · · · · · · · · · · · · · ·	OTHER			7. UNIT AGREEMENT NAME San Juan 30-6 Unit 8. FARM OR LEASE NAME
3. ADDRESS	OF OPBRATOR	<u>l Paso Natural</u> ost Office Box	_		San Juan 30-6 Unit 9. WBLL NO. 418
4. LOCATION See also s At surfac	space 17 below.)	t location clearly and in acc	ordance with any Sta	ngton, NM 87499 te requirements.*	10. FIBLD AND POOL, OR WILDCAT Undes Fruitland 11. BBC., T., E., M., OR BLE. AND SORVET OR AREA Sec. 26, T-30-N, R-7-V
14. PERMIT N	0.	15. ELEVATIONS	(Show whether DF, RT,	GR, etc.)	N. M. P. M. 12. COUNTY OR PARISH 13. STATE
			6254		Rio Arriba NM
16.		Check Appropriate Box	To Indicate Natu	re of Notice, Report, or C	Other Data
FRACTUR	TER SHUT-OFF E TREAT R ACIDIZE	PULL OR ALTER COMPILE COMPILE ABANDON® CHANGE PLANS		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	REPAIRING WELL ALTERING CASING ABANDONMENT*
(Other)				Completion or Recomp	of multiple completion on Well letion Report and Log form.) including estimated date of starting any al depths for all markers and sones perti-
ai re	nd cemen	ended to alter t volumes on t perations plan Csg.Size	his propose	izes, tubular s d well as shown Depth	izes, setting depths Also attached is a Cement
	2 1/4"	9 5/8"	32.3#	200'	
- {	3 3/4" 5 1/4"	7" 5 1/2"	20.0#	3030' 2980-3125'	130 cf circ 794 cf circ Uncemented
NE SON A	CO EM SESTING				NOV25 1887 D
18. I (hereby		toregoing is true and correc	•		Dist. 3 DIV.
SIG WED	Seggy (Look		ling Clerk	DATE11-19-87
(This spa	ce for Federal o	r State office use)			
APPROVI CONDITI	ONS OF APPRO	OVAL, IF ANY:	TITLE		DATE
					Day of

OPERATIONS PLAN

Well Name - SAN JUAN 30-6 UNIT #418

Date: 20-Nov-87

I.Location: 450'FNL, 1950'FEL, SEC.26, T-30-N, R-7-W, RIO ARRIBA CO., N.M.

Field: Undesignated Fruitland Elevation: 6254

II. Geology:

A. Formation Tops:	Surface Sa	n Jose	Fruitland Top	3045
	Ojo Alamo	2135	Fruitland Base	3124
	Kirtland	2350	Total Depth	3125
Fruit	land Sand	2895	•	

B. Logging Program: Total Depth Logs: GR-D-N, I-ES

C. Coring: None

III.Drilling:

A: Mud Program: Mud from surface to Total Depth.

IV. Materials:

A. Casing Progr		Depth Csg. Size	Weight	Grade
	12 1/4"	200 9 5/8"	32.3#	H-40
	8 3/4"	3030 7 "	20.0#	K-55
	6 1/4"	3125 5 1/2"	23.0#	P-110

B. Float Equipment: 9 5/8" surface casing - Saw Tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve. Five centralizers run every other joint above shoe. Run float two joints above the guide shoe.

- 5 1/2" production liner liner hanger with double grip packoff. Bull nose guide shoe on bottom. Liner pre-drilled with 12 holes/ft.
- C. Tubing: 3125 of 2 7/8", 6.5#, J-55 8rd EUE tubing with a seating nipple one joint off bottom and expendable check valve on bottom.
- D. Wellhead Equipment: 9 5/8" x 11" 2000 psi xmas tree assembly.

V. Cementing:

9 5/8" surface casing-use $110\,$ ° sks. of Class B cement with 1/4# gelflake/sk. and 3% calcium chloride ($130\,$ cu.ft. of slurry, 100% exces to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing-use 350 sks. of 65/35 Class "B" Poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sk. (10.3 gallons of water/sk.) followed by 100 sks. of Class B with 2% calcium chloride (794 cu.ft. of slurry, 100% excess to circ. to surface). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200 psi for 30 minutes.

5 1/2" liner - Do not cement.

orm 3160-5 November 1983)	UNITED STATES	SUBMIT IN TRIP	LICATE Budge	approved. t Bureau No. 1004-0135 s August 31, 1985
	ARTMENT OF THE IN JREAU OF LAND MANAGE	I ERIUR verse side)	5. LEASE DE SF-07	SIGNATION AND SECIAL NO.
	NOTICES AND REPO	TE OF TUE		ALLOTTER OR TRIBE NAME
	proposale to drill or to deepen o	r plug back to a different reservo	DOM	
OIL GAS Y OT		FARM TOTAL	56 7. UNIT AGE	BENEW THEMES
WELL WELL A OTS	196		, Dan 0	uan 30-6 Unit
El Pa	aso Natural Gas C	Company NEW ME	AREA San J	uan 30-6 Unit
ADDRESS OF OPERATOR			9. WHLL HO.	
Post	Office Box 4289,	Farmington, NM 874	499 418	
See also space 17 below.)		ith any State requirements.*		O POOL, OR WILDCAT
450 · F	N, 1950'E		11. SBC., T., SURVE	Fruitland
)	6,T-30-N,R- 7-
PERMIT NO.	15. ELEVETIONS (Show wh	ether DF, RT. GR. etc.)	N.M.F	OR PARISE 13. STATE
	1	6254 'GL	Rio	rriba NM
Char	k Appropriate Box To India	cate Nature of Notice, Repo		
	INTENTION TO .	indice of Indice, Repo	•	_
	,	¬	SUBSEQUENT REPORT O	7 :
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	<u> </u>	SPAIRING WELL
SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON*	PRACTURE TREATME		LTEBING CARING
REPAIR WELL	CHANGE PLANS	(Other)		
(Other)		(Note: Repor	t results of multiple ed Recompletion Report a	ompletion on Well
jt Ce 39	ts. 9 5/8", 32.3# emented with 110 & calcium chlorid	00 a.m. 12-03-87 H-40 surface can sks. Class "B" with de (130 cu.ft.). sted 600#/30 minut	asing set at ith 1/4#/sk. Circulated	224'. gel-flake and to surface.
			ż	
			4040	•
				· · · · .
I hereby certify that the forego	oing is true and correct			
SIGNED // 1994	Louis TITLE	Drilling Clerk	DATE	12-07-87
(This space for Federal or State	te office use)			
•	,			
APPROVED BYCONDITIONS OF APPROVAL.	IF ANY:			CCEPTED FOR REC
				DEC 0 8 1987
		A	19 -	
	*Saa Instru	rctions on Reverse Side	r	ARMINGTON RESOURCE AI

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.