TE\* SUBMIT IN TRIF

Form approved. Budget Bureau No. 42-R1425.

	(0	ther instructions on	Budget Bure
UNITED STATES MM	OIL	CONSE Side	TON 30-19
DEPARTMENT OF THE INTERIOR	wer	DD	5. LEASE DESIGNATIO

(May 1963)	UNIT	ED STATES		NN OIL CO	nistruc Negge si	rtions on ide) COMMET da:	Ta - 101	5-2000	1
	DEPARTMENT			iwrawer DD		   CONTENT 22	5. LEASE DESIGNATION	IND SERIAL NO.	
	GEOLOG	SICAL SURVE	Y	Artesia,	NM 8	88210	NM - 067707		
APPLICATION	FOR PERMIT T	O DRILL, D	EEPE	N, OR PL	JG B	<b>BACK</b>	6. IF INDIAN, ALLOTTEE	OB TRIBE NAME	
_ :	LL X	DEEPEN [		PLUC	BAC	ск 🗆	7. UNIT AGREEMENT NA	ME	
b. TYPE OF WELL OIL TY GA				NGLE	MULTIP ZONE	LE 🗌	8. FARM OR LEASE NAM	E	
WELL A WE	CLL OTHER		<u>zo</u>				Siete-Federa	1]	
Petroleum Expl	loration Company	v. Inc.		JUL	291	983	9. WELL NO.		
3. ADDRESS OF OPERATOR	TOTAL OTTO				~ ^		2-Y		
P.O. Box 809,	Roswell, New Mo	exico 8820	1		C. D	1	10. FIELD AND POOL, OF		
4. LOCATION OF WELL (Re	port location clearly and	in accordance with	n any S	tate requ <b>Altibizat</b>	A; XOFF	4CÆ	Siete-San Ar		
	FNL & 610' FEL						AND SURVEY OR ARI		
At proposed prod. zone	Same						Sec. 17, T-8-S		NMPM
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POST	OFFICE	E *			12. COUNTY OR PARISH		
	South of Kenna,	New Mexico					Chaves	New Mexico	
15. DISTANCE FROM PROPO LOCATION TO NEAREST			16. No	of acres in Li	EASE		F ACRES ASSIGNED HIS WELL		
PROPERTY OR LEASE L. (Also to nearest drlg	, unit line, ir any)	610'		540			40		
18. DISTANCE FROM PROPORTO NEAREST WELL, DE	HILLING, COMPLETED, 4	2201	19. PR	3850 °		20. ROTAL	RY OR CABLE TOOLS		
OR APPLIED FOR, ON THE	S LEASE, FT. 1	320'		3030		<u> </u>	Rotary	RK WILL START	
21. ELEVATIONS (Show whe	ther DF, RT, GR. etc.)						July 19, 198		
4210.4 GR							1 Culy 19, 190	<u> </u>	
23.	P	PROPOSED CASIN	G ANI	CEMENTING	PROGR.	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	от	SETTING DEI	TH		QUANTITY OF CEMEN		
12 1/4"	8 5/8"	20#		370 '			sxs. Class "(	<u>Circula</u>	te
7 7/8"	4 1/2"	9.5# J5	5	3850'		350	sxs. Poz "C"		

Selectively perforate and treat pay zone.

Attachments:

Survey Plat (c-102) Supplemental Drilling Data



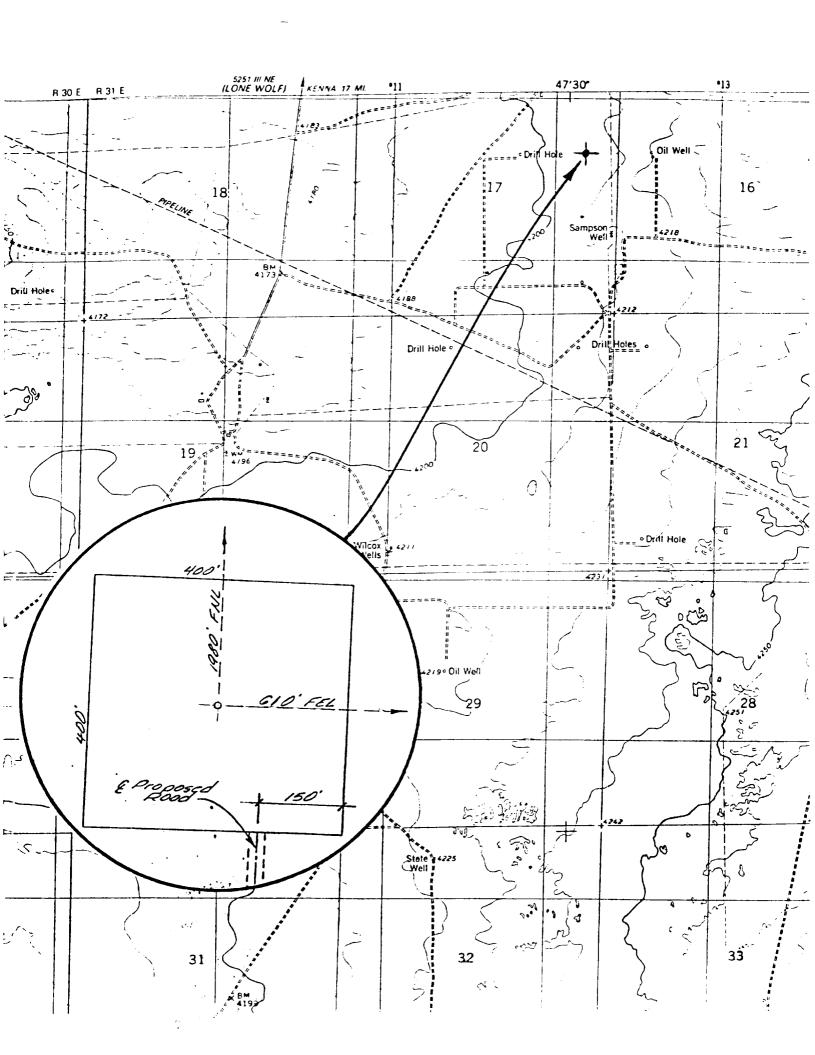
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposition. If proposal is to drill or deepen directionally, gi	al is to deepen or plug back, give data on present pr ve pertinent data on subsurface locations and measu	oductive zone and proposed new productive red and true vertical depths. Give blowout
preventer program, if any.		
SIGNED /	Vice-President	DATE JULY 19, 1983
(This space for Federal or Secte office use)	APPROVAL DATE	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY	TITLE	DATE 1/28/87

AUG 1 1983

Siete-Federal  Section  Township  Interest Section  Township  Well Township  A 210. 4  San Andres  1. Outline the acreage dedicated to the subject well by colored pencil or hachate marks on the plat below.  2. If more than one leave is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one leave is dedicated to the well, outline each and identify the ownership thereof (both as to working dated by communitization, unitization, force-pooling, etc?  Wes No If answer is "yes," type of consolidation.  If onewer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be easigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Commission.  SECTION 17. T 8 SOUTH, R, 31 FAST, N.M.P.M.  PECEIVED  RECEIVED  RECEIVED  RECEIVED  RECEIVED  RECEIVED  RECEIVED  RECEIVED  RECEIVED  Replace confirmation that the well receive and that the well receive made the section of the well receive and that the well receive and that the section of the plant of the section of the section of the plant of the section of		All distant must be f	rom the outer boundaries of	the Section	Well Ho.
Siete-Federal Toolston Company, Inc.  1980 Township 1980 T			Lease		į.
House Lorente of 20th 1980 to the tree the North 1980 to test term the 20th 1980 to test term the 20th 1980 to test term the 20th 20th 20th 20th 20th 20th 20th 20th	erator — I mia Compa	nv. Inc.	Siete-Federal	Ta	
House because of with  1980 test from the North  1980 Feet from the Cast test the North  1980 Siete  1980 Construct Electric test the state of the Siete  1980 Construct Electric test test the Siete  1980 Construct Electric test test test test test test test tes	troleum Exploration Compa	Township	Hange	l -	
The content of well and the content of the content			31 East	Chaves	
1. Outline the acceptance of the well of the subject well by colored pencil or harbure marks on the plut 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 coyolty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, loree-pooling, etc?  1. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, loree-pooling, etc?  1. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, which have actually been consolidated. (Use reverse side of this form if necessary).  1. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, sion.  2. CERTIFICATION  2. If however is "no." I have been consolidated (by communitization, unitization, unit	Н				
In answer is "no." list the owners and tract 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 cemmunitization, unitization, force-pooling, or atherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  SECTION 17, T 8 SOUTH, R, 31 FAST, N.M.P.M.  RECEIVED  DEC 2 1980  U.S. BEILUGICAL SURVEY ARTENA NEW MEXICO  Response of the survey		the and	61.0 tret	from the East	
Since San Andres  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 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 consolidated by communitization, unitization, force-pooling, etc?  Yes No II answer is "yes," type of consolidation.  II answer is "no," list the owners and tract descriptions which have netually 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 cennumitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the forced herein is true and complete to the best of my knowledge and belief.  No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the forced herein is true and complete to the best of my knowledge and belief.  No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the forced herein is true and complete to the best of my knowledge and belief.  No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the forced herein is true and complete to the best of my knowledge and belief.)  No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the forced herein is true and complete to the best of my knowledge and belief.)  No allowable will be assigned to the well until all interests have been consolidated. (	1 300 lest tiem the		P.001		1 10
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SECTION 17, T 8 SOUTH, R. 31 EAST, N.M.P.M.  RECEIVED  DEC 2 1980  U.S. GEUL UGICAL SURVEY. ARTESIA NEW MEXICO  Dest of my knowledge and belief.  Name Gerald E. Harrington Position President  Company Petroleum Exploration Co., I.  Date December 1, 1980  1 hereby certify that the well facation shown on this plat was plotted from field notes of actual surveys made by me or under my proprosizion and that the same is try according to the same is try a	<ol> <li>Outline the acreage dedicate</li> <li>If more than one lease is interest and royalty).</li> <li>If more than one lease of didated by communitization, under the lease of the dated by communitization, under the lease of the lease of</li></ol>	dedicated to the wel	l, outline each and ide dedicated to the well, ing. etc? of consolidation	have the interests of trially been consolidated (by comparison of the interests, has been at the consolidated).	dated. (Use reverse side of mmunitization, unitization, en approved by the Commis-
U.S. GEULUGICAL SURVEY  ARTESIA! NEW MEXICO  Beginner 44 Francisco Control Con	SECTION		A, R. 31 EAST, N.M.	Name Gerald Position Presid Company Petrol Date Decemb	E. Harrington ent eum Exploration Co., Inc er 1, 1980 by certify that the well location on this plat was plotted from field of octuol surveys made by me or
		·	DEC 2 1980	Dott San Dott San Berylander and out	6290 September 13 1980 La provincia Ecologia D. Jaguese
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## SUPPLEMENTAL DRILLING DATA

PETROLEUM EXPLORATION COMPANY, INC. #2-Y Siete-Federal 1980' FNL and 610' FEL Section 17, T-8-S, R-31-E Chaves County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill the subject well, Petroleum Exploration Company, Inc. submits the following ten items of pertinent information in accordance with U.S.G.S. requirements.

- 1. The geologic surface formation is Quanternary.
- 2. The estimated tops of geologic markers are as follows:

Rustler	1300'
Salado	1330'
Yates	1850'
San Andres	3015'
Pi Marker	3540 '
P-1 Zone	3695'
P-2 Zone	3770'

3. The estimated depths at which anticipated water, oil, or gas are expected to be encountered:

> Water: Approximately 195 feet Oil or gas: San Andres approximately 3695' - 3850'

4. Proposed Casing Program: See Form 9-331-C

Size	Interval	Weight	Grade	Joint	New or Used
8 5/8"	0' - 370'	#20	X-42	ST & C	New
4 1/2"	0' - 3850'	9.5#	J-55	ST&C	New

- Pressure Control Equipment: The blowout preventer will be an annular type preventer. A sketch is attached.
- 6. Mud program: A copy of the mud program to be used is attached.
- 7. Auxiliary equipment: Master valve on blowout preventer.
- 8. Testing, Logging, and Coring Programs:

No drillstem tests or cores are planned. Logging:

Compensated Neutron-Formation Density Log with Gamma Ray and Caliper

Laterolog - Microlaterolog

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated Starting Date: Rig will be available on Tuesday, July 19, 1983.

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