(order NO. OF COPIES RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION DISTRIBUTION Form C-101 Revised 1-1-65 SANTA FE 5A. Indicate Type of Lease ~ FILE STATE X 2 U.S.G.S. 5. State Oil & Gas Lease No. LAND OFFICE B-9145-36 OPERATOR APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. Type of Work Callegos Canyon Unit DRILL X DEEPEN . PLUG BACK 8. Farm or Lease Name b. Type of Well GAS WELL OTHER 9. Well No. 2. Name of Operator 220 PAN AMERICAN PETROLEUM CORPORATION 10. Field and Pool, or Wildcat 3. Address of Operator P. O. Box 480, Farmington, New Mexico Wildcat 4. Location of Well South UNIT LETTER \_\_\_\_\_ 1850 28-N RGE. 12-W 790 East 13 12. County 1300 Fruit land Rotary 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start 5-25-66 (Location) Statevide Carmack Report Later 23. PROPOSED CASING AND CEMENT PROGRAM SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP SIZE OF HOLE 200 40 Surface 20# 8-3/4 1300' 150 Surface 4-1/2" 9.5# 6-1/4" Copy of Location Plat Attached. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES 8-25-66

CONDITIONS OF APPROVAL, IF ANY:

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

PAN AMERICAN PETROLEUM COPPORATION  1 3 28 NORTH  1 2 WEST  1 3 28 NORTH  1 2 WEST  1 2 WEST  1 3 28 NORTH  1 2 WEST  1 2 WEST  1 3 28 NORTH  1 2 WEST  1 2 WEST  1 3 28 NORTH  1 2 WEST  1 2 WEST  1 3 28 NORTH  1 2 WEST  3 3 3 2 WEST  1 3 28 NORTH  1 2 WEST  3 3 28 NORTH  1 2 WEST  3 3 3 1 JUAN  1 2 WEST  3 3 1 JUAN  1 10 SAT JUAN  1 West (and the west of the west	perator		All distance:	must be	from the cuter I	oundaries of	the Section		
In Letter Section   Township   28 NORTH   12 WEST   SAN JUAN      Nucl Footge Location of Well:   150   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   SOUTH   five and   790   feet from the   EAST   five   160   feet from the   160   feet from   feet   160   fe	•	TORTER MANTR	ETIM CODDODA	TTOM.	Lease	TOCOG CAS	DECOM TENTEM	Wel	
13 28 NORTH 12 WEST SAN JUAN  Tour festege Leachen of Well: 1850 feet from the SOUTH line and 790 feet from the EAST line  word Level River producing formation and the subject well by colored pencil or hachine 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 royalty),  3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty),  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidately communitization, unitization, force-pooling, etc?  1. If yes () No If answer is "yes," type of consolidation "Unitization for assert is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form secessory.)  3. If all the owners and tract descriptions which have actually consolidated (by communitization, unitization, force cooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  3. If we have a decomplete to the best knowledge and belief.  3. If the owners and tract descriptions which have actually consolidated (by communitization, unitization, force cooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  3. If we have the interests of all owners been consolidated (by communitization, unitization, force cooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  3. If we have the interests of all owners been consolidated (by communitization, unitization, force consolidated (by communitization) and the force of the well unitial and the force of the well unitial and the force of the well of the	nit Letter			LIUN					220
Tespo feet from the SOUTH line and 750 feet from the EAST line and 150 feet from the SOUTH line and 750 feet from the EAST line and 150 feet from the SOUTH line and 750 feet from the EAST line and sound Level Etc., Producing Formation Proof Later Pruitland Deduction of Management Pruitland Deduction of Management Pruitland Deduction of Management Pruitland Deduction of Management Pruitland Deduction Deduction of Management Pruitland Deduction Deduction of Management Pruitland Deduction Deduction Deduction of Management Pruitland Deduction Deduction Deduction Deduction of Management Pruitland Deduction Deducti	I	13	28 1	NORTH		1	•		
scale of the second serious formation and standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION    Beautiful and second serious in the second serious s		cation of Well:							
Undesignated Fruitland  160  1. Outline the aceroge 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 neterest and royalty).  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?  1		feet from the	SOUTH	line and	790	feet f	from the EAST	line	
1. Outline the acerage 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 netrest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated to your communitization, unitization, force-pooling, etc?  (ix) Yes () No If answer is "yes," type of consolidation									ereage:
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty).  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?  (x) Yes () No If answer is "yes," type of consolidation	port Later	Fru	itland		Undesig	nated F	ruitland	160	Acre
If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated communitization, unitization, force-pooling, etc?  Ix ) Yes ( ) No If answer is "yes," type of consolidation	2. If more th	an one lease i <b>s</b> d					•		as to working
f answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Torm lecessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization, force cooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information con herein is true and complete to the best knowledge and belief.  Name  F. H. Hollingsworth  Petroleum Engineer  Company  PAN AMERICAN PETROLEUM CORDate  May 25, 1966  I hereby certify that the well location ship plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966.  Date Surveyer  Lead Tondo Surveyor  Listenda Petroleum Engineer  Company  PAN AMERICAN PETROLEUM CORDATE  Sec 13  I hereby certify that the well location ship plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966.  Date Surveyor  Listenda Petroleum Engineer  Company  PAN AMERICAN PETROLEUM CORDATE  Sec 13  I hereby certify that the well location ship plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966.  Date Surveyor  Listenda Petroleum Engineer  Company  PAN AMERICAN PETROLEUM CORDATE  Sec 13  I hereby certify that the well location ship plat was plotted from field notes of surveys med by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 25, 1966  Pan American Petroleum Engineer  Company  PAN AMERICAN PETROLEUM CORDATE  Sec 13  I hereby certify that the well location ship plate from field notes of surveys medican plate for the plate of t	3. If more the by communitiz	an one lease of c zation, unitization	n, torce-pooling.	etce				ill owners beei	n consolidated
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force cooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information conherein is true and complete to the best knowledge and belief.  Nome  F. R. Hollingsworth Position  Petroleum Engineer Company  PAN AMERICAN PETROLEUM CODDate  May 25, 1966  I hereby certify that the well location should be placed by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 21, 1966  Date Surveyed  SCALE—I INCHES EQUALS 1 MILE	(A) 165 (	7 140 11	unswer is yes,	type of	consolidation				
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force cooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information conherein is true and complete to the best knowledge and belief.  Nome  F. R. Hollingsworth Position  Petroleum Engineer Company  PAN AMERICAN PETROLEUM CODDate  May 25, 1966  I hereby certify that the well location should be placed by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 21, 1966  Date Surveyed  SCALE—I INCHES EQUALS 1 MILE	If answer is "i	no," list the owne	er <mark>s and</mark> tract des	criptions	which have o	actually co	nsolidated. (Use r	everse side n	f this form if
CERTIFICATION  I hereby certify that the information conherent is true and complete to the best knowledge and belief.  Name  F. H. Hollingsworth  Position  Petroleum Engineer  Compony  PAN AMERICAN PETROLEUM COD  Date  May 25, 1966  I hereby certify that the well location she this plot was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966  Date Surveyed  Legisland Professional Pro						,			. and romi ii
CERTIFICATION  I hereby certify that the information conherent is true and complete to the best knowledge and belief.  Name  F. H. Hollingsworth  Position  Petroleum Engineer  Compony  PAN AMERICAN PETROLEUM COD  Date  May 25, 1966  I hereby certify that the well location she this plot was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966  Date Surveyed  Legisland Professional Pro	No allowable v	vill be assigned to	the well until o	II interest	s have been	consolidata	d /by communitie		
I hereby certify that the information conherein is true and complete to the best knowledge and belief,  Nome  F. H. Hollingsworth  Petroleum Engineer  Company  PAN AMERICAN PETROLEUM COE  Date  May 25, 1966  I hereby certify that the well location she this plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1766c.  Date Surveyed  E-2447 8   B-9145-36   Bay 24, 1766c.  May 24, 1766c.  Date Surveyed   Bay 24, 1766c.  May 24, 1766c.  Date Surveyed   Bay 24, 1766c.  May 24, 1766c.  Ma	cooling or oth	erwise) or until a	<b>non</b> standard u	nit elimir	natina such ir	iterests ho	s been approved b	zation, unitiza	ation, forced-
I hereby certify that the information conherein is true and complete to the best knowledge and belief.  Nome F. H. Hollingsworth Position Petroleum Engineer Company PAN AMERICAN PETROLEUM CORDate May 25, 1966  I hereby certify that the well location she this plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1566  Date Surveyed  May 24, 1566  May 24, 1566  Date Surveyed  May 24, 1568  Date Surveyed  May 25, 1668		<u>-</u>						y the Commis	SION.
this plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966  Date Surveyed  Paistered Professional Engineer  And A Lond Surveyor  Janes P. Leese  1463			Sec. 13		- +		Nome F. H. Ho Position Petroleu Company PAN AMER Date	and complete belief, Lungary ellingswort m Engineer	to the best of
this plat was plotted from field notes of surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966  Date Surveyed  Paistered Professional Engineer  And A Lond Surveyor  Janes P. Leese  1463			d/	, ,	01/15 26		I hereby ce	rtify that the we	Il location shown
surveys made by me or under my supervision that the same is true and correct to the best knowledge and belief.  May 24, 1966.  Date Surveyed  Paistered Professional Engineer and Surveyor Red Professional Engineer and Surveyor Red Professional Engineer and Surveyor Red Professional Engineer and Professio			E-24	4/   I	3-9140-36				
that the same is true and correct to the best knowledge and belief.  May 24, 1966.  Date Surveyed  Paistered Professional Engineer  And A Lond Surveyor No.  Janes P. Leese  1463	<b> - +</b>	- + - +	- + - +	- +-	+750.	N			
May 24, W1966.  Date Surveyed  Registered Professional Engineer  Add A Land Surveyor  Scale—4 Inches Equals 1 Mile  1463	,		- 1' .		Ψ,	1 1			
May 24, 1966.  Date Surveyed  Polistered Professional Engineer  Add A Land Surveyor  Scale—4 Inches Equals 1 Mile  1463	1								1e Dest OI
SCALE—4 INCHES EQUALS 1 MILE  Dote Surveyed  Postered Professional Engineer  Find or Land Surveyor  June P. Leese  1463	<del> </del>	<del>     -</del>	<del></del>			1			
SCALE—INCHES EQUALS 1 MILE	+	- + - +	- + - +	E-2447	1850		Registered Pro		eare
SCALE—INCHES EQUALS 1 MILE			1			' / KI	Joles P.	Leese	
	SCALE-4 II	NCHES EQUALS 1	MILE			/ "			
SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M. MAY 7 Certificate No.		AN ENGINE-5:::	. country	F401444-	<b>***</b>	I MAN	Certificate No.	463	