Energy Reserves Group, Inc. P.O. Box 3280 Casper, Wyoming 82601 Phone 307 265 7331



New Mexico Oil Conservation Commission

November 24, 1976

NOV 29 1976

OIL CON. COM.

DIST. 3

P. O. Box 2088

Sante Fe, New Mexico 87501

ATTN: Mr. Joe D. Ramey

State Petroleum Engineer

### Gentlemen:

Attached are U.S.G.S. Sundry Notices to drill the following four (4) Pictured Cliff wells in the Gallegos Canyon Unit in San Juan County, New Mexico:

GCU-PC #267 - 1960' FNL, 1700' FEL (NE SW NE) 23-28N-12W GCU-PC #268 - 430' FSL, 430' FEL (SE SE SE) 32-28N-12W GCU-PC #271 - 1400' FSL, 2500' FEL (SW NW SE) 27-28N-12W GCU-PC #272 - 1100' FNL, 2200' FWL (SE NE NW) 33-28N-12W

It was necessary to move these wells to unorthodox locations to accompdate the Irrigation Project activities in the area. Also attached are sections of the Irrigation Project maps for each well, showing the area of the orthodox location and where the well is actually located. On these maps the clear area inside the dotted area is the active portion of the Irrigation Project. Wells #267, #268 and #271 were moved to areas not being irrigated. Well #272 was moved to a location adjacent to an Irrigation access roadway. All four (4) of these locations are acceptable to the Irrigation Project.

Wells #268, #271 and #272 are completely contained in and offset by the Gallegos Canyon Unit - Pictured Cliffs of which we are the operator. Well #267 is on a 160 acre tract bordering the exterior boundary of the Gallegos Canyon Unit - Pictured Cliffs.

Amoco is the operator of the four wells in Section 13 - Northeast from well #267, none of which are completed in the Pictured Cliffs formation. They are being notified by certified mail as of this date of our proposal to drill well #267, (Copy of letter attached).

We solicit administrative approval of these four (4) unorthodox locations under Rule 104 F.

Very truly yours,

ENERGY RESERVES GROUP, INC.

Dean B. Barnes

Dist. Prod. Engr. RMD

cc: Mr. A. R. Kendrick, Supervisor 1000 Rio Brazos Road Aztec, New Mexico 87410

U.S.G.S. Farmington, New Mexico

DBB/tm

# UNITED STATES BUBMIT IN TRIPLICATE\* Other instructions on reverse side)

Form approved.

Rudget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF - 078904

	GEOLOGICAL SURVET		<u> </u>	
CHNDDY NO	OTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTE	OR TRIBE NAME
(Do not use this form for pro	oposals to drill or to deepen or plug b LICATION FOR PERMIT—" for such pr	ack to a different reservoir.	L careasin	
Use "APPI	LICATION FOR PERMIT—" for such pr	oposais.)	1011 20 111	<u> </u>
			7: UNIT AGREEMENT NA	
WELL GAS OTHER	<u> </u>	<u> </u>		madnit-P.C.
NAME OF OPERATOR			8. FARM OR LEASE NAM	(B
Energy Reserve	es Group, Inc.	•		
. ADDRESS OF OPERATOR			9. WELL NO.	•
P O Box 3280	), Casper, WY 826	02	267	
. LOCATION OF WELL (Report location	on clearly and in accordance with any	State requirements.	10. FIELD AND POOL, O	R WILDCAT
See also space 17 below.) At surface			Kutz Pictur	ed Cliffs,Wes
1960' FNT	1700' FEL (NE SW	NF)	11. SEC., T., B., M., OR E	LK. AND
. 1900 PHB,	, 1700 ILL (NE DA		SURVEY OR AREA	
•		• • • • •	Sec. 23-T28	N-R12IJ
4. PERMIT NO.	15. ELEVATIONS (Show whether DF	RT. GR. etc.)	12. COUNTY OR PARISH	
		:	San Juan	N. Mexico
	5797' GRD		Dan Juan	N. MEXICO
6. Check	Appropriate Box To Indicate N	lature of Notice, Report, or (	Other Data	
	CTENTION TO:		QUENT REPORT OF:	
solice of it	TENTION 10.			
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C.	ASING
SHOOT OR ACIDIZE	ABANDON®	SECOTING OR ACIDIZING	ABANDONME	NT.
BEPAIR WELL	CHANGE PLANS	(Other)	<del></del>	
(Other) Change we	ll location X	(NOTE: Report result	s of multiple completion pletion Report and Log for	on Well rm.)
	OPERATIONS (Clearly state all pertinen ectionally drilled, give subsurface locat			<del></del>
proposed work. If well is dir nent to this work.) *	rectionally drilled, give subsurface locat	ions and measured and true verti	cal depths for all markers	s and zones perti-
				हा का वर्ष है
At the recent	inspection of this	location by renr	esentatives	of the
At the recent	egulatory agencies,	it was agreed to	move the lo	cation
appropriate re	o get closer to an	arthodox location	nove the ro	the
	o get closer to an	orthodox rocation	and improve	CHC
drill site.				
	01 10001 /	on ou un)		
From: 2036	0' FNL, 1830' FEL (	SE SW NE)	날 살림 한 살	i gara
To : 1960	0' FNL, 1700' FEL (	NE SW NE)		
				B # 불발표
		Part of the state		
				3 9734
				\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
			្ន <b>ខង្គន</b> ់ក្នុង	報 名り置う
			<b>有</b> 過可能	A 4 3 4 A
	en e			
				문 영화 변환 영 영화 변환
				<b>5</b> 3 3 5
		•		
·		•		
R I hereby certify that the foreset	ng is true and correct			
8. I hereby certify that the foregoing				
8. I hereby certify that the foregoing		st. Prod. Engr	RMD DATE 11-	23-76
	Barrier TITLE Di	st, Prod, Engr	RMD DATE 11-	23-76
11/2 6	Barrier TITLE Di	st. Prod. Engr	RMD DATE 11-	23-76
SIGNED Hear B.	Same TITLE Di	st. Prod. Engr	RMD DATE 11-	23-76

#### Form C-102 Supersedes C-12 Effective 1-1-65

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

Cogrator 267 Energy Roserves Group, Inc. Gallegos Canvon Unit-Pic. Unit Letter 28 North 12 West San Juan Actual Footage Location of wells 1.)60 East feet from the Itne and Ground Level Elev. Producting Formation 35 **160**0: 5797 Pictured Cliffs Kutz Pictured Cliffs, West 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 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? If answer is "yes," type of consolidation \_ Yes If 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information coned herein is true and complete to the of my knowledge and belief. Dist. Prod. Engr. - RMD Energy Reserves Group, Inc. 11-23-76 Section I hereby certify that the well laspitlon shown on this plat was plotted from field mates of actual surveys made by me or under my supervision, and that the same e and correct to the best of my rledge and belief. Noy can tir 15. Heat

#### FBUBMIT IN TRIPLICATE. (Other instructions on

Form approved. Budget Bureau No. 42-R1425.

•		ED SINIES		14.	serier or	ME J	7) 1 17			
<b></b>	DEPARTMENT	OF THE I	NTER	IOR	eriona e		5. LEASE	DESIGNATIO	N AND SERIA	L NO.
	GEOLO	GICAL SURV	Ε <b>Y</b>		· (1)7.2	9 7,	91	= - 0	1890,	4
A DDI ICATION	V FOR PERMIT	LO DBILL I	)FFPF	N OR J	PITIG R	A.C.K.	G. IF IN	IAN, ALLOTI	EE OR TRIBE	NAME
	4 ION I ENMIT	O DIVILL, I	JELIL	31, OK 1	LUC D	<del>700 31</del>	MM.			
l <b>a. type of</b> work DRI		DEEPEN (	7	PL	UG BAC	אַיַרן ∣	7. UNIT	AGREEMENT	NAME	
b. TYPE OF WELL							GALL	EGOS C	ANYON	UNIT-
MELT OUT	ELL OTHER			NE	MULTIPI Zone		S. FARM	OR LEASE N	AME	PC
2. NAME OF OPERATOR										
ENERG	Y RESERVES G	ROUP, INC	•				9. WELL	NO.		
B. ADDRESS OF OPERATOR				_		4	267			
	280, CASPER,					9	ľ		OR WILDCA	
4. LOCATION OF WELL (R. At SUFFACE	eport location clearly and	in accordance wit	h any S	tate requirem	ents.º)				red Cl	.iffs
	TNT 10001	****				. 4	11. SEC.,	T., R., M., OI SURVEY OR	R BLK. AREA	
2030 L At proposed prod. zon	FNL 1830'	FEL		•~						17.7
							]		8N-R12	
	AND DIRECTION FROM NEAR					-	ľ		П 13. ВТАТ	
about 5 mil	es east and e	4 miles s	outh	of Far	rmingto		SAN		MEM P	EXICO
15. DISTANCE FROM PROPO LOCATION TO NEAREST	r	NA		OF ACRES I	N LEASE		OF ACRES A HIS WELL	-	•	
(Also to nearest drig	.INE, FT. g. unit line, if any)	, IVA	UN	ITIZED				160		
18. DISTANCE FROM PROP TO NEAREST WELL, D		2000'	19. PE	1750	ł		RY OR CAB	LE TOOLS		
OR APPLIED FOR, ON TH	IS LEASE, PT.	2000	<u> </u>	1/30		I RU			1 1 1 <del>1</del>	
21. ELEVATIONS (Show who						<b>.</b>	22. AP	PROX. DATE V	WORK WILL S	TART
		5797' GRD		-	· · · · · · · · · · · · · · · · · · ·	<b>4</b> ()	<u> </u>	- 2.1		
23.	. 3	PROPOSED CASI	NG AND	CEMENTIN	G PROGRA	.M		7 7 7	1 g (3)	
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER FOOT		SETTING	DEPTH	1	QUAN	TITY OF CEM	ENT	
9 7/8"	7"	17#		100	1		50	sks		
6 ½"	4½"	9.5#		1750'			90	sks		
		·				) ) jit				24,
_	'	· _	:	•	_			· · · · ·		
	y Reserves G								11	
	rotary tools						ipate	d zone	of	
	etion is the						* ·• `		÷ 5 5	
No co	res or DST's	are plan	ned.	Copies	s of a	11 10	es ru	n	-	

will be furnished upon completion of the well. Copies of the location plat are attached. The estimated tops follows:

1665' 1750' Pictured Cliffs ss

A series 600 or 900 BOP will be used while drilling In section

The gas is dedicated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths pre 24.

venter program, if any.			••
BIGNED Heary B. Barner	RMD Production	n Engineer Date October 28,	_ _197
(This space for Federal or State office use)			=
APPROVED SPIROVED	TITLE	PATE 01/ 9 1976	_
NU/3 1973 MME.	4.5		-
E. I. MCGRATH	TUT ( ) tructions On Reverse Side		

All distances must be from the outer boundaries of the Section. Operator Callegos Canyon Unit- P.C. 267 Energy Reserves Group, Inc. Unit Letter Section Ronge County Township 28 North 12 Kest San Juan O 23 Actual Footage Location of Wells 1830 East 2030 North feet from the line and Ground Level Elev. Producing Formation Pool Dedicated Acreager Pictured Cliffs Kutz Pictured Cliffs 160 5797 Acres 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 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? If answer is "yes," type of consolidation. ΠNο If 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 communitization, 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 Dean Barnes Position RMD Production Engineer Energy Reserves Group, Inc Date October 28, 1976 Seci on I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under my supervision, and that the same Is true and correct to the best of my knowledge and belief. 330 1980 2310 1500 1000

## SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES DEPARTMENT OF THE INTERIOR

DISTRICT ENGINEER

<u>。。2004年,1950年,1957年,1959年1988年198</u>

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

		All diete	nces must be fro	m the oute	r boundaries o	the Section		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•
Operator Fnor	y Reserves O	roup Tro	i.	Calle	egos Can	ıyon Un	it - P	C. Well is	s. 268
Unit Letter	Section Section	Township	•	Range		County			200
P	32		North		2 Wost	1	ın Juan		
Actual Footage Los		O 41		120			774		
430 Ground Level Elev:		South	line and	<u>430</u> ∞1	· 100	t from the	East	line Dedicated Acre	•000•
5679	Pictu	red Cli			Pictured	Cliff	s	160	Actes
	he acreage dedic	ated to the	auhiect wel	l by cole	ored nencil	or hachure	marka on	the plat below	
2. Obtinie ti	a deletage deale		555,555	,	oron ponor.		marks on	ac plat beto	•
	han one lease i	s dedicated	to the well.	outline	each and id	entify the	ownership	thereof (both	as to working
interest a	nd royalty).				. •				
3. If more th	an one lease of	different on	mership is de	dicated	to the well.	have the	interests (	of all owners	been consoli-
	communitization,								
<b>~</b>							•		
Yes	∐ No If	answer is "	yes;" type of	consolid	ation				
If answer	is "no," list the	owners an	d tract descri	ptions w	hich have a	ctually be	en consoli	dated. (Use r	everse side of
this form	if necessary.)			-			<del>,,,,,,,</del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·	·
	ble will be assig						-		i contract of the contract of
•	oling, or otherwise	e) or until a	non-standard	unit, eli	minating sù	ch interest	s, has bee	n approved b	y the Commis-
sion.							1		
	. !			i			l	CERTIFICA	TION
	1			i					
			1	ı			1		information con-
				•	· .			ierein is true on my knowledge o	d complete to the nd belief.
	1		,	. i	.· · ·		1//	R	R
	ı		• .	٠ : ا	-		Næne	ay 12.	1 same
	+	{		i			j .	Barnes	
	1		•	1			Position	. Daries	
				1	•		RMD	Producti	on Engine
				. [			Company	. D	
				i	*		Date	keserve	s Group,
,		1		l				er 28, 1	976
	1:	Section	n 32	1					<del></del>
	!		}	i					
	1			1		• 4.	1		the well location
	ì			į			ł	•	plotted from field - made by me as
				. !			1	=	s made by me or nd that the same
	• 1	•		. !					the best of my
	1			i		. [	knowled	ge and belief.	·
	<del> </del>					1		States Profile	O LONG
	1						Data	100	
1							Date Surv	/3/	026
	i			1		6	Oct'o	Professorant P	orioeer , d
	1			i		Q-13-	1 .	d Supeyor	(13, 1)
1	!		•	i	Δ	20 "	1 3	(Si. 7)	17.37
					· )	4	Certificate	No Service and S	10.664
0 330 660	190 1320 1650 19	80 2310 264	10 2000	1000	1000	M	Cermicale	303	The same of the sa
	1000 19	sam 204	2000	1500	1000 1	800 . 0	,	,,,,,	-

DISTRICT ENGINEER

## SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

# UNITED STATES DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY** 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 7. UNIT AGREEMENT NAME DEEPEN PLUG BACK [ DRILL 🖾 GALLEGOS CANYON UNIT PO h. TYPE OF WELL MULTIPLE ZONE WELL X S. FARM OR LEASE NAME 2. NAME OF OPERATOR ENERGY RESERVES GROUP, INC. 9. WELL NO. B. ADDRESS OF OPERATOR 271 BOX 3280, CASPER, WYOMING 82602 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) KUTZ PICTURED CLIFFS 11. SEC., T., R., M., OR BLK. AND BURVEY OR AREA FSL, 2500' EL At proposed prod. zone Sec 27 T28N - R12W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH | 13. STATE NEW MEXIC about 6 miles east and 5 miles south of Farmington SAN JUAN 15. DISTANCE FROM PROPOSED\* 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED DISTANCE PAGE FACTOR OF THE PROPERTY OR LEASE LINE, FT.
(Also to nearest drig, unit line, if any) TO THIS WELL UNITIZED NA 18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3000' 1600 ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START\* 5765' GRD 걸칠중 23. PROPOSED CASING AND CEMENTING PROGRAM \* <u>\*</u> BIZE OF HOLE BIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 711 9 7/8" 17非 100' 50 sks 4311 え 9.5# 1600' 90 sks Energy Reserves Group, Inc. proposes to drill the above well with rotary tools from surface to TD. The anticipated zone of completion is the Pictured Cliffs formation. No cores or DST's are planned. Copies of all logs run will be furnished upon completion of the well. Copies of the location plat are attached. The estimated tops are as follows: Ojo Alamo 300' Pictured Cliffs coal 1502' Kirtland 400' 1517' Pictured Cliffs ss 1600' A series 600 or 900 BOP will be used while drilling this well The gas is dedicated. 5.8 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some-and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout i preventer program, if any. 24. RMD Production Engineer October 28, 1976 (This space for Federal or State office use) PERMIT NO. \_ V APPROVED BY \_ CONDITIONS OF APPROVAL, IF ANY : 最高資富 2 228 See Instructions On Reverse Side P. J. MCGRATH

		All dista	nces must be from	the outer bound	ortes of the Rec	llon.		
Operator Enorgy	Reserves G		. Cal	legos C	nyon Un	it-P.C.	Well flo.	271
Unit Letter	Section	Township	0	House,	County	0	**	
J Clual Foolage Loc	27	1 2	8 North	12 Ke	<u> </u>	San Juan		
1400	feet from the	South	line and	2500	feet from the	Fast	•	
round Level Elev:	Producing F	ormation	Poo		1941 from th		line Dedicated Acreager	· · · · · · · · · · · · · · · · · · ·
5765	Pictu	red Cli	ffs K	utz Pici	ured Cli	ffs	160	Acres
1. Outline th	e acreage dedi	cated to the	subject well	by colored p	ncil or hach	ure marks on	the plat below	
21 00111110 111	o dono-Bo door			, -0.0.c. p			ene plat below.	
2. If more th	an one lease	is dedicated	to the well, o	utline each a	nd identify t	he ownership	thereof (both as t	o working
	nd royalty).		•					
0.11	1	):ff====		:		h. :	£ .11	•
	ommunitization,				well, nave t	ne interests (	of all owners been	n consoli-
valed by c	· · · · · ·	, 4111112411011	, toree-pooring.		·	•		
Yes	☐ No If	answer is	yes;" type of co	nsolidation				
	,		· · · · · · · · · · · · · · · · · · ·				·····	
		e owners an	d tract descript	ions which h	ave actually	been consoli	dated. (Use rever	se side of
	f necessary.)							
							mmunitization, ur	
sion.	ling, or otherwis	ejor until a	non-standard u	nit, climinati	ng such inter	ests, has bee	n approved by the	Commis-
ston.								
	1			ļ	•	71	CERTIFICATION	
•						11	•	•
<u>.</u>	1.		•	i		I hereby	certify that the infor	mation con-
						tained h	ierein is true and com	plete to the
*	e de la companya de La companya de la co					best of	my knowledge and bel	lief.
			•	1		1 LVo	on B. Da	mer
	•		• .			Nome		
-						Dea	n Barnes ·	
						R.M.I	. Productio	າກ
· •.		•					Engir	
•						Company	Reserves (	
: .				i	• • • •	1 1		
				1	•	Octob	er, 28, 197	76
		Secti	on 27	1		_]		
					•			
	1					I hereby	r certify that the w	ell location
•	1			1		12 3	n this plat was plotte	
				i		34 1	factual surveys mad	•
	•			• i	•	<b>       </b>	y supervision, and the	
			·	,00 i		14 1	and correct to the	best of my
				6		Enow 100	ge and belief.	
-	i 		P	<u> </u>		<b>-1</b> 1		•
ur derild dest samm dan sel	<del> </del>		7	, <u> </u>			Contraction of the Contraction o	
	<del> </del>		7	,		Date Seine	A STATE OF THE PARTY OF THE PAR	
<del></del>	· · · · · · · · · · · · · · · · · · ·		7	, — — ·		Date Sprve	<b>7</b> .	· · · · · · · · · · · · · · · · · · ·
	i <del> </del>     		400	, — — ·     		, Sct	obor 12, 1976	
	! 		400	, — — · — · · — ·		Negligiored	ober 12, 1976	
	<del> </del>		400			Negligiored	ober 12, 1976	
			400			Healificited and La	obor 12, 1976 Protestional Engine ad Surveyor	
		7232004	400			Healphored and La	obor 12, 1976 Protestional Engine ad Surveyor	

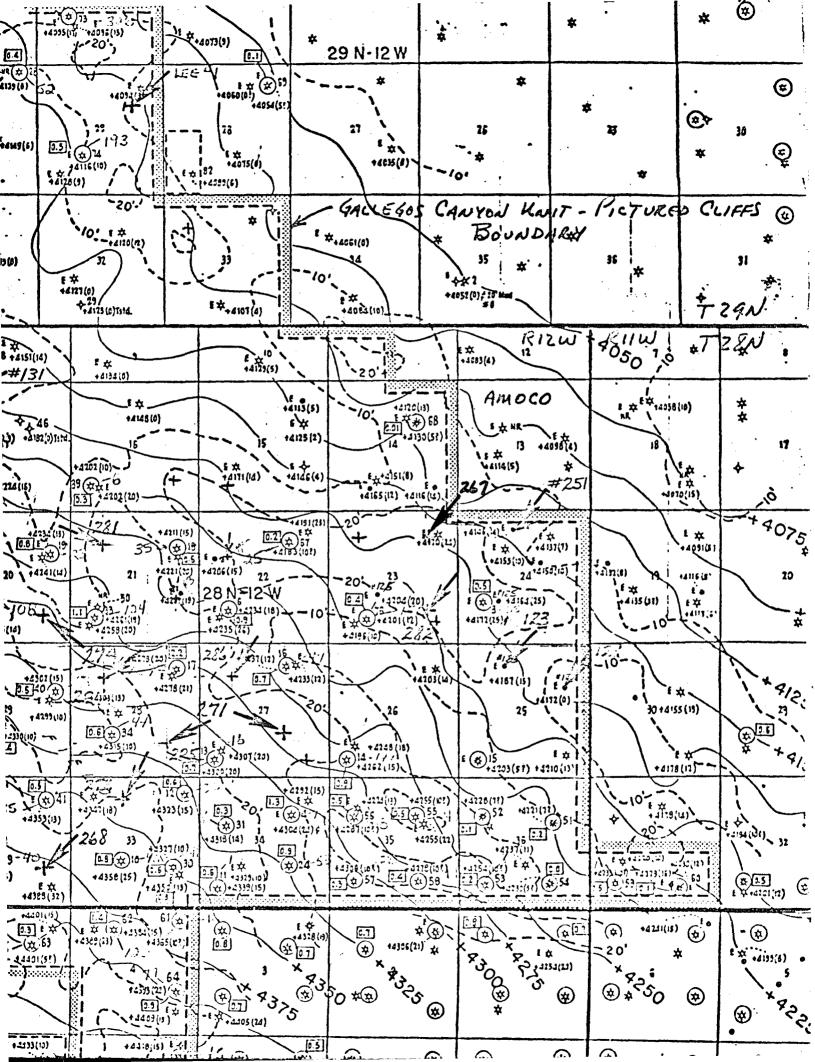
DISTRICT ENGINEER

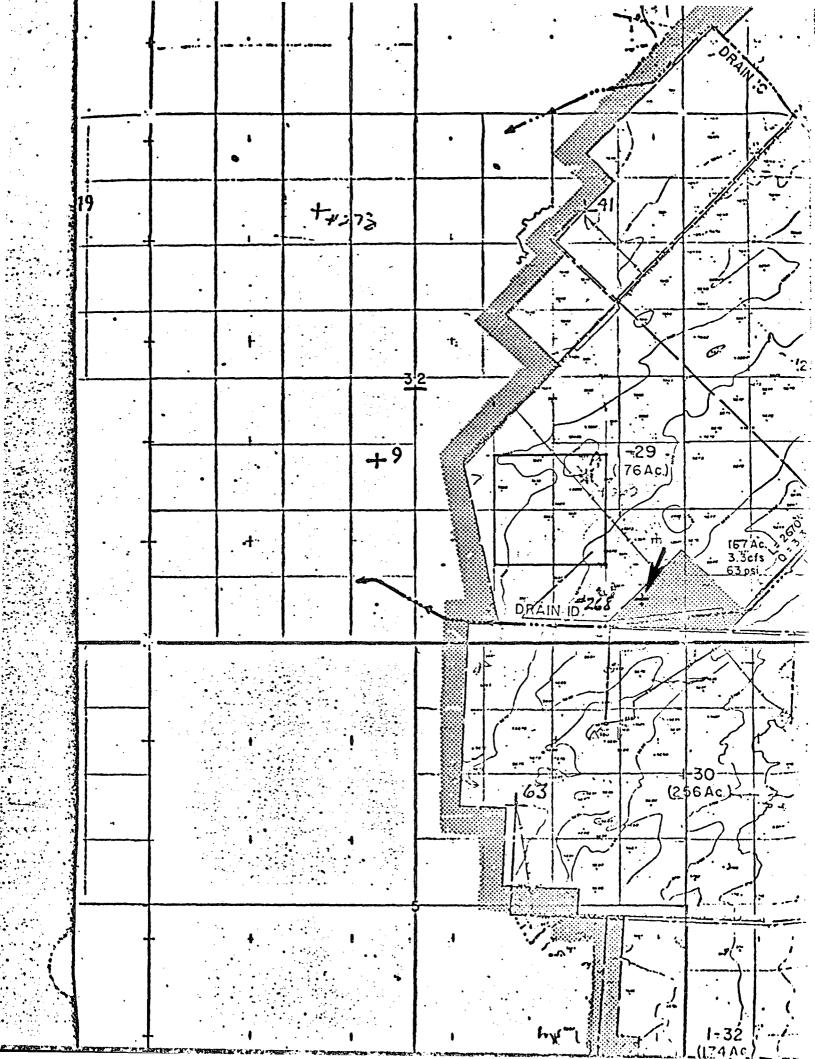
# BUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

(112)		ED STATES		icacise s		
· . •	DEPARTMENT			RIOR		5. LEASE DEHIUNATION AND SERIAL NO.
	GEOLOG	SF-078403-B				
APPLICATION	y for permit t	O DRILL, I	DEEPE	N, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK	LL 🖾	DEEPEN [	7	PLUG BA	ск 🗀	7. UNIT AGREEMENT NAME
b. TYPE OF WELL						Gallegos Canyon Unit
OIL GA	ELL OTHER			NGLE MULTIP	<b>"</b> []	8. FARM OR LEASE NAME PC
	y Reserves Gr	coup. Inc			.:	9. WELL NO.
8. ADDRESS OF OPERATOR	<i>y</i>	<u> </u>	•		<del></del>	272
Box 3	280, Casper,	Wyoming	8260	2		10. FIELD AND POOL, OR WILDCAT
At enefore	FNL, 2200'FWI			cate requirements.	-	Kutz Pictured Cliffs 11. SEC., T., R., M., OR BLE.
At proposed prod. zon	•	. (02 1.2	,	<b>~</b> .	63000	Sec 33-T28N-R12W
14. DISTANCE IN MILES A	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	R*	.:	12. COUNTY OR PARISH   13. STATE
6 miles Ea	ast and 8 mil	ès south		Farmington	117 NO	San Juan   New Mexico
LOCATION TO NEAREST PROPERTY OR LEASE L	r .ine <b>, ft</b> .	NA.		itized		160
(Also to dearest drig 18. DISTANCE FROM PROP- TO NEAREST WELL, DI OR APPLIED FOR, ON THI	OSED LOCATION*	400'	19. PE	OPOSED DEPTH	20. ROTA	Rotary
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)		1		<u> </u>	December 1976
23.	P	ROPOSED CASI	NG ANI	CEMENTING PROGR	AM	
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER F	OOT	SETTING DEPTH	1	QUANTITY OF CEMENT
9 7/8"	7"	17#		100'		50 sks
6 ½ "	4농''	<u>9.5#</u>		1440'	_	90 sks
well antic forma No co will Copie tops  O K P T A ser	res or DST's be furnished s of the loca are as follow jo Alamo irtland ictured Clift D ies 600 or 90 Annoish reconstant drill or deepen directional	are plan upon com tion plans:  s ss  0 BOP wingstal is to deep	m sution. ned. plet t ar	Copies of a cion of the we attached.  125' 225' 1340' 1440'  The used while the back, give data on p	The cured of the c	milling are frequently of the repay and the th
preventer program, if any	1 R	<del></del>			· · · · · · · · · · · · · · · · · · ·	
BIGNED Heav	(1). 12an	w m	RM.	ID Production	<u>Engi</u>	neer DATE October 28, 19
(This space for Feder	ral or State office use)		<del></del>			
PERMIT NO.				APPROVAL DATE	Ę.	
Approued and the second	on the second contract				10	VELD
C VCII	1975.	/ M	flu	On Reverse Side		NOV 2 1976

•		All distances m	uet be from the out	er boundeiles of	the Bertlen.			
Decoupt Decry	Reserves Gro	oup, Inc.	Calle	gos Cany	on Unit	-P.C.	Well No.	272
Unit Letter	Section 33	Township 28 Nor	th Hange	12 Kost	County Sar	า ปนณา		
Actual Footage Loc		North 1m	2200		t from the	les t	•	<del></del>
Ground Lyvel Elev: 5680	Producing Fo	<del>-</del>	Pool	Pictured			Itne ated Acreager	Acres
2. If more the interest ar	an one lease is no royalty).	ated to the subject dedicated to the different ownersh unitization, force	e well, outline	each and ide	entify the o	wnership there	of (both as to	
If answer this form i	No If a sis "no." list the f necessary.)	owners and trac ned to the well un or until a non-se	type of consolic	which have a	consolidate	d (by communi	tization, unit	ization.
		4.				CE	RTIFICATION	
221	0	100				toined herein i	that the information of the true and complements of the second se	ste to the
		Section 3	3	-		Position RDM Produ Company Energy Re	ction Eng	<del></del>
						shown on this p notes of actua under my super	fy that the well plat was plotted t I surveys made vision, and that prect to the be belief.	rom field by me or the same
						Dote Surveyed Optober Registered Profes	gilanol Epaineer	in f
10000	90 1320 1660 19	10 231C 2640	2000 1800	•		Certificate for	مرون مسم 3081	

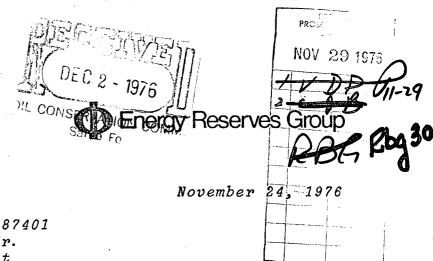




1-13. (149.Ac.) (149.Ac.) (155.Ac.) (155.Ac.) (178.Ac.) (189.Ac.)	~ · · · · · · · · · · · · · · · · · · ·	
1	1-13 \ (149:Ac.)	The same that the
1		
1-18 297Ac 29 cts 66 pts 65 pt		
1-12 (155 Ac) (102 Ac 2 0 cts 66 pri 65 pri		63001
FI-IB 297Ac 2.9cfs 3.9pi		71-12 (155 Ac.)
1-   B   297   Ac   6.0 p   6.5 p		
613 c. 1 63 psi  (63 psi  (64 psi (13 psi (14 psi (15 psi (16 psi (17	1-18 297Ac	
244 Ac. 1992 1-1-16 (186 Ac. 1992)	313 Ac. 63 psi	22.30
257Ac.) 1-1-16 186Ac. 33c15 63psi 63	13.5	3
1-16 (186 Ac) (3) 131 (63 µ3)		4.9 cts 200 - 100
1-16 (186 Ac.) 3-3-15 3-3-15 3-3-15 3-3-15 3-3-15 3-3-15 3-3-15 3-3-15 3-3-15	- +it = 1	(178Ac)
1-16 (186 Ac) 33 c f s 63 psi 63 psi		
1-16 (186 Ac) 33 c f s 63 psi 63 psi	10.1	
164Ac 3.3 c 15 63 psi 99 192Al 63 psi 99 14	777	
164Ac 3.3 c 15 63 psi 09 (3.8 c 15 63 psi		
	3 cls	1920
The state of the s		4 1/2/2016
(202 A.)	1-23 (202 A.)	1-15
Ignac Ignac	5	IGNAC SACIONAL SACION
a) 300	30,00	63 ps 127 de 127 de



Energy Reserves Group, Inc. P.O. Box 3280 Casper, Wyoming 82601 Phone 307 265 7331



FILE

Amoco Production Company
501 Airport Road
Farmington, New Mexico 87401
ATTN: Mr. L. D. Speer, Jr.
Area Superintendent

#### Gentlemen:

Energy Reserves Group, Inc. proposes the following well to the Pictured Cliffs formation in the Gallegos Canyon Unit in San Juan County, New Mexico. GCU-PC #267 - 1960' FNL, 1700' FEL - Section 23-T28N-R12W. A copy of the application is attached. In as much as the well is located at an unorthodox location because of the Irrigation Project activities in the area, you as an offset operator must be notified.

If you have no objections to our proposal would you please sign in the space below and forward to the following address:

New Mexico Oil Conservation Commission

P. O. Box 2088 Santa Fe, New Mexico 87501

Santa Fe, New Mexico 8750 ATTN: Mr. Joe Ramey State Petr. Engr.

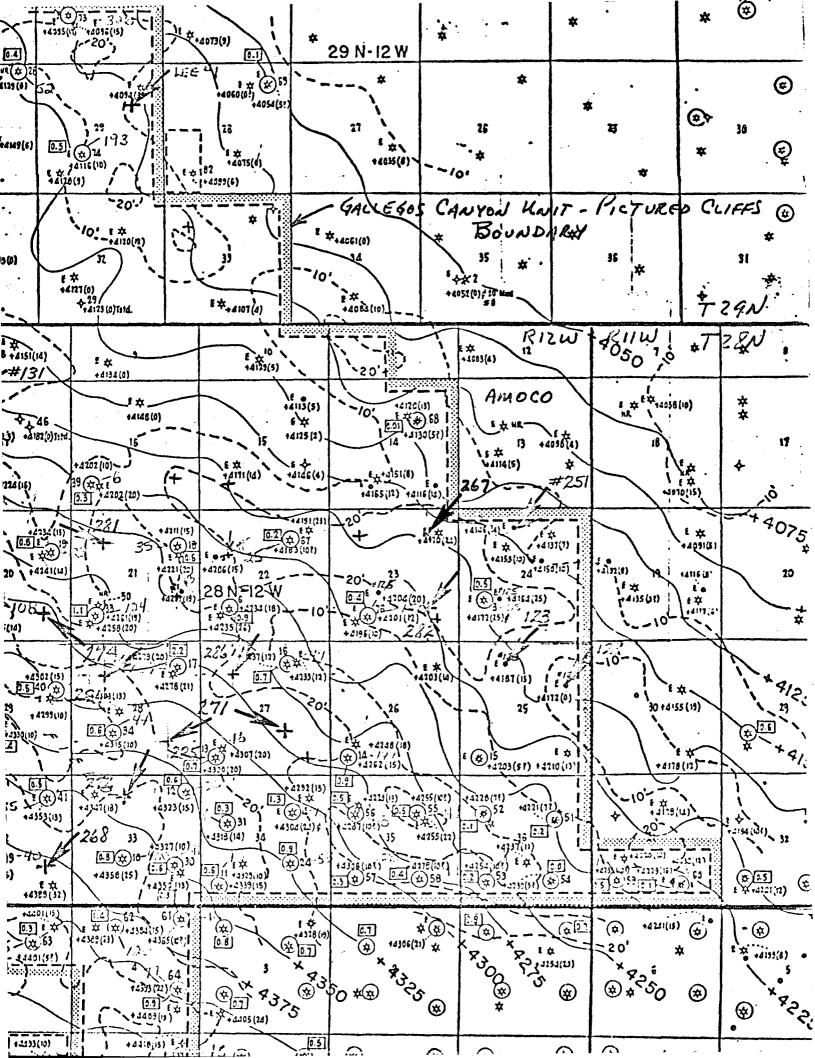
Very truly yours, ENERGY RESERVES GROUP, INC.

Wear D. Same Dean B. Barnes Dist. Prod. Engr. - RMD

DBB/tm

cc: Mr. T. M. Curtis, Denver

Amoco Production Co. By has no objections to the drilling of GCU well #267 to the Picture a Cliffs formation.



# OIL CONSERVATION COMMISSION Cytes DISTRICT

OIL CONSERVATION COMMISSION BOX 2088	DATE Dec 1, 1976
SANTA FE, NEW MEXICO	RE: Proposed MC
/	Proposed DHC
$\mathcal{L}$	Proposed NSL
Lew Kasloina	Proposed SWD
The sage with	Proposed WFX
	Proposed PMX
	·
Gentlemen:	
	7 1. 716 1671
I have examined the application dated	ovember 27, 1416
for the energy reserves by only	See Below 11 No. Unit, S-T-R
Operator Leage and We	II No. Unit, 5-1-k
and my recommendations are as follows:	
Gelleger Canyon Thit # 267 G-	23-28N-12W
M + + 268 P-	32-28N-12W
v 4 4 #27/ j-	27-28N-12W
" " " #272 C-	33-28N-12W
Warone	
	·
/ /	Yours very truly,
	AR Dendrick

DEC. 6 - 1976

O'L CONSERVATION COMM.

Sector Fo