GTLT - ____8___

(2-27)-24S-19W Aminoil USA, Inc. (Hidalgo County)

GTR-211 NMA-9; GTR-94 NMA-4; NMA-11; NMA-5; GTR-97 NMA-6 & GTR-102 NMA-7

Form	G-	101
Adop	ted	10/1

3 at 8.			".· }		AVERNI	Form G-101 Adopted 10/1,
NO. OF COPIES RECEIVED 6	new	MEXICO OIL CONSER	RVATION COMMISSI	ON /		
DISTRIBUTION		P. O. Box 2088, S	anta Fe 37501	图 APR - '	7 (377 / 11)	
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N.M.B.M.				ALECTION LI	5. Indicate Typ	
U.S.G.S.		ICATION FOR PERM			STATE X	FEE L
Operator /	OR PLU	G BACKGEOTHER	MAL RESOURCES	WELL	G/TR - 21	
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1a. Type of Work Drill] (Deepen` 🔲	Plug Back		7. Unit Agreeme	ent Name
b. Type of Well- Geothern	nal Producer 🔲	T	emp Observation]	X)	8. Farm or Leas	e Name
	p Thermal	In	jection/Disposal [o	· ··········
2. Name of Operator					9. Well No.	
	noil USA, Inc.				N.M.A.	, 9
3. Address of Operator P.O	. Box 11279, 11	50 A Coddingto	own Center		10. Field and Po	ool, or Wildcat
Sant	a Rosa, Califo	rnia 95406			Wildcat	
4. Location of Well UNIT LETT	ERL LOCAT	ED 1425 FEET F	ROM THE South	LINE		
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AND 400 FEET FROM T	HE FAST LINE OF	sec. 2 TWP. 24 S	TTTTTTTTTT	NMPM		7}}}}
					12. County Hidalgo	
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21. Elevations (Show whether DF. 4458 A.S. L. (GE	RT, etc.) 21A Kind 2) 8073-8	\$ Status Plug. Bond	21B. Drilling Contract Cason Drillin		22. Approx. I	Pate Work will start
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hereby certify that the information	above is true and com	plete to the best of my	knowledge and belief.			
107	71	Distri	ct Geologi s t		3/9/77	
igned D.K.WC	<u>~(˙</u>	_ Title			Date	
(This space for St	ite Use)					
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CONDITIONS OF APPROVAL, IF ANY

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Operator Am	inoil USA, In		Lease St a tGER	÷)2 <u>1</u> 12			V. N.M.A.9
Unit Letter	Section 2	Township 24 S	Range 1	9 W	County H	idalgo,	and the Colombia
Actual Footage Locat		South line a	nd 400	fe	eet from the	East	line
Ground Level Elev. 4458	Producing Form		Pool	-			Dedicated Acreage: Acres
1. Outline t	he acreage dedicate	d to the subject well by	colored pencil	or hach	ure marks	on the plat	·
2. If more and royal		edicated to the well, or	itline each and	identify	y the owne	rship thereo	f (both as to working interest
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If answer is necessary.) _	"no," list the own	ers and tract description	ns which have a	actually	been cons	olidated. (U	Jse reverse side of this form if
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			! 			Name	
						Position	R. Wall
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	1		!			Ar.	ninoil USA, Inc.
	1		! !			3/0	9/77
2'.						shown or notes of under my is true a	certify that the well location in this plat was plotted from field actual surveys made by me or a supervision, and that the same and correct to the best of my me and belief.
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S.C. Comments	\ !		.				rofessional Engineer
Samuel And And Pro-Cal	1 1 1		 			and/or Land	Surveyor
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Init' Letter L	Section 2	Township .24 S	Range	19 W Cou	Hidalgo	
ctual Footage Loc 1425	feet from the		and 400	feet fr	om the East	line .
Fround Level Elev. 4458	Producing Form	nation	Pool			Dedicated Acreage: Acres
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		The state of the s	.			
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GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer poundaries of the Section Operator Lause N.M.A.9 GTR-211 Aminoil USA, Inc. Section Township Range Unit Letter 24 S 19 W Hidalgo, Actual Footage Location of Well: South line and 400 1425 East feet from the feet from the ... Dedicated Acreage: Producing Formation Pool Ground Level Elev. 4458 1. Only ine 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes If answer is "yes," type of consolidation_____ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Name all Position District Geologist Company Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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: Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1320 1650 1980 2310 2640

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Well No Operator N.M.A.9 GTR-211 Aminoil USA, Inc. Section Township Unit Letter 24 S 19 W Hidalgo Actual Footage Location of Well: East 1425 line and feet from the feet from the Dedicated Acreage: Producing Formation Pool Ground Level Elev. 4458 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation___ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Name Position District Geologist Company Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1320 1650 1980 2310

NO. OF COPIES RECEIVED 6	NEW	MEXICO OIL CONSE	RVATION COMMISSIO	No The Price	I Wan	
DISTRIBUTION		P. O. Box 2088, 5			18	
File /				APR -	7 1977 🔏	
N.M.B.M. /			; بر			Type of Lease
U.S.G.S.	APPLI	CATION FOR PERM	/IIT TO DRILL, DEER	FKCONSERV	STATECIN	M. FEE C
Operator /	OR PLU	G BACKGEOTHFI	RMAL RESOURCES	NELL Cont	State Lea	ise No.
Land Office /			THE TIEBOOTTOES		GÎŔ-	94
BLM 1						
1a. Type of Work Drill 🔯	a	Deepen	Dive Deels C	7	7. Unit Agre	ement Name
			Plug_Back [
3. 177. 3.	nal Producer pp Thermal		Temp Observation Tipection/Disposal]	8. Farm or L	ease Name
2. Name of Operator	minoil USA, In	·			9. Well No. N. M.	A.4
3. Address of Operator P.	O. Box 11279,	1150 A Coddin	igtown Center		10. Field and Wildo	I Pool, or Wildcat
	nta Rosa, Cali				//////////////////////////////////////	
UNIT LETT	TERG LOCAT			LINE .		
AND 1400 FEET FROM T	THE East LINE OF S	SEC. 7 TWP. 2	$4 \mathrm{S}_{\mathrm{RGE}} 19 \mathrm{V}$	V NMPM		
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/////////////////////////////////////	444444	+++++++	19. Proposed Depth	19A. Formation	7//////	20. Rotary or C.T.
			500'			s Rotary
21. Elevations (Show whether DF, 4208 A.S. L.		& Status Plug. Bond 83-26	21B. Drilling Contracto Cason Drilli	ng Co.	22. Approx April	c. Date Work will start 1977
	P	ROPOSED CASING AN	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	CETTING DEPTH	24.01(2.05		
012E 01 770EC	SIZE OF CASINO	WEIGHT FER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
	·					·
3) Run 1 1/4"	" hole to 500 f black pipe fro	m surfact to T	r bentonite gel	g at bottom	1.	ith coment
· · · · · · · · · · · · · · · · · · ·			k cuttings, upp	er 20 leet	Illied w	· Centent
•	pipe with wate					
	, repair ground		the often comm	1 otion		OVAL VALID
			ths after comp		APPRI	DAYS UNLESS
8) Cut off tub	ing below grou	nd, cap, aban	don, repair gr	ouna.	FOR 90	DAYS UNDENCED
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N ABOVE SPACE DESCRIBE PRO	POSED PROGRAM: If	proposal is to deepen	or plug back, give data c	on present produc	ctive zone and	proposed new productiv
hereby certify that the information		plete to the best of my	knowledge and belief.		•	
igned A.R.Wo	ell.	Title <u>District</u>	Geologist) _{are} 3/9/	77
(This space for Sto	atc Use)					
APPROVED BY Carl	Unos	CENIOR PET	ROLEUM GEOLOGIST		1) H	4/17
CERCOVED BY		TILL POPISION			OTE 11	1///

CONDITIONS OF APPROVAL, IF ANY: $\sqrt{}$

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 2083 SANTA FE 87501 GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section.

Operator	· · · · · · · · · · · · · · · · · · ·	All distances mus	Lease	;			R - 7 197		il No.	Δ Δ
	inoil USA, Inc	T		GTR-	-94'-	County			N . 1VI	n. I
Unit Letter	Section 7	Township 24		Range 19	9 w ^C	County	Hidalgo	COMM.		
Actual Footage Lo	cation of Well:									
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Ground Level Elev 4208 A	.S. L.	nation	Pool					Dedicated	Acreage	Acres
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NEW MEXICO OIL CONSERVATION COMMISSION

		GEOTHER	RMAL RESOUR			AND AC	CREAGE D		PLAT	Adopted (
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init Letter	G	Section 7	Township	24 S	Range	19 W	County	Hidalgo	: 00	
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round Level	Elev.	feet from the Producing I		line and Po	01 - 1 - 20	·	reet nom t	he East	Dedicated Acre	age:
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3. If co	more more Yes wer is sary.)	than one lease	of different own ation, force-poo answer is Tyes, owners and trac	mersip is dediling, etc? " type of concat descriptions	cated to the solidation	e well, l	have the in	nterests of all	owners been Se reverse side	consolidated
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		All distance	s must be from		idaries of th	ne Section.			Well No.	
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init Letter G	Section 7	Township	24 S	Range 19	W Co	unity : : : H	idalgo		Carrier.	
ctual Footage Loca	ition of Well:									
1450	feet from the	North	line and		feet	from the	East		ine	
round Level Elev. $4208~{ m A}_{\odot}$	Producing For	mation	Poo)l ·				Dedicat	ed Acreage:	
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	than one lease of nitization, unitizati		_	rated to the	well, have	the inter	ests of all	owner	s been con	solidated
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If answer is necessary.).	"no," list the ow	oners and tract	descriptions	which have :	ectually be	een conso	lidated. (U	Jse reve	erse side of	this form
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DISTRIBUTION 2		1. 0. 500 2000, 3	()	and the second second		
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Operator /	ORPI	UG BACKGEOTHER	MAI RECOUDE	PEN,	5.a State Lea	
Land Office	0	OG BAGK "GLOTTILL	IMAL NESCONCES	DAACEE	29%	- 52
BLM /						
ta. Type of Work Drill	X	Deepen 🗌	Plug Back		7. Unit Agree	ement Name
b. Type of Well- Geothe	rmal Producer	Te	emp Observation	X	8. Farm or L	ease Name
· ·	mp Thermal \Box	Inj	jection/Disposal		W. K	
					9: Well No.	C11
2. Name of Operator	ninoil USA, Inc	_			N.M.A	_11
	•	• 1150 A Coddingto	own Center			Pool, or Wildcat
Sar	nta Rosa, Calif	ornia 95406			Wildcat	
4. Location of Well UNIT LE	TTERA_LOCA	TED 1100 FEET F	ROM THE North	LINE		
AND 450 FEET FROM	THE East LINE OF	SEC. 18 TWP. 24	S RGE. 19	W NMPM	12. County	
					Hidalgo	
			19. Proposed Depth 500'	19A. Forma	tion y Volcanio	20. Rotary or C.T. s Rotary
21. Elevations (Show whether D 4207 A.S.L. (C	F, RT, etc.) 21A. Kir GE) 8073-	nd & Status Plug. Bond 83-27	21B. Drilling Contract Cason Dril	ling Co.	^{22.} Approx	ril 1977 will start
		PROPOSED CASING AN	D CEMENT PROGRA	M	·	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT	H SACKS	OF CEMENT	EST. TOP
•	,			<u> </u>		
		•		•		4
1) Dig 5x5x5 fe	eet sump.					
,		et with air or be	entonite gel w	hen neede	ed.	
•	olack pipe from	surface to T.I	o., with plug	at bottom	•	
,	- -	e gel and rock o				cement.
•	ipe with water					
,	repair ground.					
,	-	s up to 4 months	after comple	etion	APPROVAL	VALID
, _	•	d, cap, abandon	_	und.	FOR 90 DAG	OMMENCED
				E)	DRILLING CO	/17
N ABOVE SPACE DESCRIBE PR	ROPOSED PROGRAM:	If proposal is to deepen o	ır plug back, giye data			
zone. Give blowout preventer prog I hereby certify that the informati		mplete to the best of my	knowledge and baling			
and control that the intermet	accid to make time COI	cost of my	momente and nener.			

D.R. Wall

(This space for State Use)

SENIOR PETROLEUM GEOLOGIST

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 2088 SANTA FE 87501

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No. Operator Fee W. Kerr N.M.A.-11Aminoil USA, Inc. County. Section Unit Letter Township Hidalgo Chilli 18 24 S 19 W Actual Footage Location of Well: 450 East 1100 feet from the North line and feet from the line Ground Level Elev. Dedicated Acreage: Producing Formation Pool 4207 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes ☐ No If answer is "yes," type of consolidation___ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Name S.R.Wa Position District Geologist 2951 . 52 Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 330 660 1320 1650 1980 2310 2000 1500 500

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P. O. BOX 2088 SANTA FE 87501 --GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Lease Operator Fee W. Kerr N.M.A.-11 Aminoil USA, Inc. Section Township Unit Letter 18 24 S 19 W Hidalgo Actual Footage Location of Well: 450 East 1100 feet from the North feet from the line and Producing Formation Pool Dedicated Acreage: Ground Level Elev. 4207 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes □ No If answer is "yes," type of consolidation_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. R.Wa Position District Geologist Company Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 2000

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No. Operator Lease Fee W. Kerr N. M. A. -11 Aminoil USA, Inc. Range Township County Section Unit Letter 24 S 19 W Hidalgo. 18 Actual Footage Location of Well: 450 East 1100 feet from the North feet from the line and Dedicated Acreage: Producing Formation Pool Ground Level Elev. 4207 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 ownersip 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 □ No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Position District Geologist Aminoil USA, Inc. 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1320 1850 2000

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I hereby certify that the information Signed Representation Repre	J		•	-		Date3/9/	77
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zone. Give blowout preventer progr	a above to						
IN ABOVE SPACE DESCRIBE OR	OPOSED PROGE am, if any.				n present produ	ictive zone and	proposed new productive
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SIZE OF HOLE	SIZE OF CAS	SING WEIGHT PE	ER FOOT	SETTING DEPTH	SACKS O	FCEMENT	EST. TOP
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21. Elevations (Show whether DF 4196 A.S.L. (GI	(, RT, etc.) 21 (E) {	A. Kind & Status Plu 3073-83-26	ig. Bond 21	1B. Drilling Contractor Cason Drilli:	<u> '</u>		Date Work will start
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The state of the s	•	79, 1150 A Co California 954	_	wn Center		10. Field and Wildca	Pool, or Wildcat at
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GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Operator Fee C. E. Roark 2 N.M.A.5 - DI 6 38 Aminoil USA, Inc. Township County Section Unit Letter 24 S 19 W Hidalgo 19 Actual Footage Location of Well: 2150 West 1875 South feet from the line feet from the line and Dedicated Acreage: Ground Level Elev. Producing Formation Pool 4196 A.S.L 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 ownersip 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_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Name R. Wall Position District Geologist Company Aminoil USA. Inc. 3/9/77 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or 2951 - 58under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1650 2310 2000 1500 1000 500

NEW MEXICO OIL CONSERVATION COMMISSION. P. O. BOX 2088 SANTA FE 875015 GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Arminoil USA, Inc. Construct Construc	0			All distar	ices must be fi	·	ter boundaries	of the Section	部分と大い	· = 1 · V	ell No.	
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GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No Operator Fee C. E. Roark Aminoil USA. Inc. Township Range County Unit Letter 19 24 S 19 W Actual Footage Location of Well: West line 2150 1875 South line and feet from the feet from the Ground Level Elev. Pool Dedicated Acreage: Producing Formation 4196 A.S.L 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes ☐ No If answer is "yes," type of consolidation, If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-nooling, 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 hest of my knowledge and belief. Riwall Position District Geologist Company Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. breastar Locate of Land 1920 1950 1981 2310 2640 2000

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		PROPOSED CASING AM	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
3) Run 1 1/4" 4) Fill annulu 5) Fill black 6) Fill sump, 7) Take temp	"hole to 500 black pipe from the second pipe with wate repair ground protections."	om surface to faite gel and roc er. nd. eys up to 4 mon	r bentonite gel wl T. D., with plug k cuttings, upper oths after comple ndon, repair gro	at bottor 20 feet tion.	n. filled w AppR	oval valid DAYS UNLESS G COMMENCED
IN ABOVE SPACE DESCRIBE PROzone. Give blowout preventer progra	ım, if any.			resent product	ive zone and	proposed new productive
I hereby certify that the information	above is true and co		_			
ligned D.K.Wal	<u>, </u>	District	Geologist	Da	3/9	/77
(This space for Sta	ate Use)					
APPROVED BY Carl U	lvog	TITLE SENIOR PET	ROLEUM GEOLOGIST	DA	ATE 4/	4/77
CONDITIONS OF APPROVAL, IF A	ANY: ().					

P. O. BOX 2088 SANTA FE 87501

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

	All distances must be	from the outer boundarie	s of the Section.	
Operator Aminoil USA, I	nc.	Lease GTR-9751	- 31 / APP '-	Well No. N. M. A. 6
Unit Letter G Section 21	Township 24 S	Range 19 W	County Hida	100: 55
Actual Footage Location of Well:			***	
2500 feet from the	North line	and 1650	feet from the	East line
Ground Level Elev. Producing 4333	Formation	Pool		Dedicated Acreage: Acres
1. Outline the acreage ded	icated to the subject well	by colored pencil or ha	achure marks on th	ne plat below.
2. If more than one lease and royalty).	is dedicated to the well,	outline each and iden	tify the ownership	thereof (both as to working interest
	of different ownersip is eation, force-pooling, etc?	ledicated to the well,	have the interests	of all owners been consolidated by
☐ Yes ☐ No I	f answer is "yes," type of	consolidation		
If answer is "no," list the necessary.)	owners and tract descript	ions which have actua	illy been consolida	ted. (Use reverse side of this form if
No allowable will be as				(by communitization, unitization,
forced-pooling, or otherwis	e) or until a non-standard	init, eliminating such	interests, has been	approved by the Commission.
		1		CERTIFICATION
		i I	. ,	hereby certify that the information
		j 1	14	ontained herein is true and complete to he best of my knowledge and belief.
		1		the best of my knowledge and benefit
		1	Nam	ie \ C \ \
			Posi	tion N.K. Wall.
	2	.951 - 3	Com	District Geologist
		! 		Aminoil USA, Inc.
	74 - C 712 - C	 -	Date	3/9/77
		1		
	College Colleg	1 . 1	s	hereby certify that the well location hown on this plat was plotted from field
		,	N I	notes of actual surveys made by me or under my supervision, and that the same
		1	14	s true and correct to the best of my nowledge and belief.
			Date	Surveyed
	97			stered Professional Engineer
		.	and/	or Land Surveyor
			Cart	ificate No.
0 330 660 90 1320 1650	1980 2310 2640 200	0 1500 1000	500 0	

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. ---Lease Operator N.M.A. 6 Aminoil USA, Inc. GTR-97 Range Township Unit Letter Section Hidalgo ·· 19 W 24 S Actual Footage Location of Well: 2500 North 1650 East line and feet from the feet from the Dedicated Acreage: Producing Formation Pool Ground Level Elev. 4333 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 rovalty). 3. If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes □ No If answer is "yes." type of consolidation, 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 best of my knowledge and belief. Position District Geologist Aminoil USA, Inc. 3/9/7**7** 233 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1920 1850 1930 2010 2641 1300 1000 500

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Operator Lease Aminoil USA, Inc. GTR-97 County Township Range Unit Letter Hidalgo 19 W 24 S Actual Footage Location of Well: North 1650 East 2500 feet from the line and feet from the Dedicated Acreage: Pool Producing Formation Ground Level Elev. 4333 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ☐ Yes ☐ No If answer is "yes," type of consolidation___ 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 best of my knowledge and belief. Name Position District Geologist Company Aminoil USA, Inc. 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1320 1650 1980 2310 2640 2000 1500 1000 500

Operator			s must be from Lea					Well No.	
	oil USA, Inc.	·····		GTR-	.97 - "	- F.D.F.	1 . 1 . SI!	. N.	M.A. 6
nit Letter G	Section 21	Township	24 S	Range	19 W	County	_ Hidalgo	Journal Comment	
ctual Footage Locat	tion of Well:			1/50		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	To at		•
2500	feet from the Producing Forn		line and		i	feet from th	he East	line Dedicated Acrea	ge:
Fround Level Elev. 4333	resourcing Fore		Po						age: - Acres
1. Outline th	he acreage dedicate	ed to the subje	ect well by co	olored pend	il or hack	hure marks	s on the plat	below.	
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 If more that and royal 	than one lease is d ltv).	ususcated to t	ne well, out	nne each ar	na identi:	ry the owi	neisnip there	or footh as to r	working inte
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	than one lease of			cated to th	ne well, h	nave the in	iterests of ali	l owners been a	consolidated
communi	itization, unitizatio	a, rorce-pooli	s, vic!						
☐ Yes	□ No If an	nswer is "yes,"	type of cons	solidation_					-
If answer is	"no," list the owr	ners and tract	descriptions	which have	e actually	y been cor	nsolidated (1	Use reverse side	of this for
necessary.) _	, the OW1	tradt		1td1	,				.0.10(1)
No allowabl	le will be assign								
forced-poolin	ng, or otherwise) or	r until a non-s	standard unit,	, eliminatin	g such in	terests, has	s been appro-	ved by the Con	amission.
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NO, OF COPIES RECEIVED	6 NEW	MEXICO OIL CONSE P. O. Box 2088, S	RVATION COMMISSIO	DN A	PR - 7	1077		,
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U.S.G.S. /	APPLI	ICATION FOR PERM	AIT TO DRILL, DEE	PEN	وأراد فوات	STATE	type or c	FEE
Operator /	1 7		RMAL RESOURCES	-	ļ	5.a State Lea 【GTT		
BLM /	1							
Ia. Type of Work Drill	<u> </u>	Deepen	Plug Back (7. Unit Agree	ement Nam	
	mal Producer	•		 X)		 8. Farm or L		-1
(1) po ot	np Thermal						-	
2. Name of Operator Ami	inoil USA, Inc.					N. M. A	A. 8	
3. Address of Operator P. C). Box 11279, 11	_	own Center			10. Field and Wildca		Vildeat
	ta Rosa, Califo		South	 L	LINE			
	THE WestLINE OF S		•	73.7	IMPM			
ALLINIA TITO	THE WOODLING OF S				~~~~~	12. County Hidalg		
			19. Proposed Depth		. Formation		20. Rotary	
			500'	1		Volcanie		otary
21. Elevations (Show whether DF 4400 A.S. L. (G		I & Status Plug. Bond 183-26	21B. Drilling Contract Cason Dri	lling	Co.	Approx April	19 7 5 ^{Wo}	rk will start
	P	ROPOSED CASING A	ND CEMENT PROGRA	ıM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT	H S	SACKS OF	CEMENT	ES	ST. TOP
5) Fill black pi 6) Fill sump, 1	hole to 500 feed lack pipe from with bentonite ipe with water. repair ground. rature surveys	surface to T. gel and rock of up to 4 month	D., with plug cuttings, uppe	at bor 20 f	ttom. feet fil		ALID UNLESS	
IN ABOVE SPACE DESCRIBE PR zone. Give blowout preventer progr		f proposal is to deepen	or plug back, give data	on prese	ent produc	live zone and	proposed	new productiv
I hereby certify that the information			-					
Signed W.K.Wall		Distric	t Geologist		Do	3/9	77	
(This space for S						_	, , ,	
APPROVED BY Carl L	Llvog	TITLE SENIOR P	ETROLEUM GEOLOGIS		D	ATE 4/	4/1	7

P. O. BOX 2088 SANTA FE 87501

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

		All distances	illust be iloill	the outer bound	aries o	i the Section	211.ca / 1 / 1		
Operator Am	inoil USA, Ir	ıc.	Lea	se - ⁵¹⁻²¹ G	1028	}		1 :	Vell No. N.M.A.8
Unit Letter N	Section 27	Township	24 S	Range 19	 W	County	Hidalgo	71	
Actual Footage Loca	ition of Well:			<u>-</u>					
800	feet from the	South	line and	2150	f6	eet from the	West	lir	
Ground Level Elev. 4400	Producing For	mation 	Poo	1			1	Dedicate	d Acreage: Acres
 2. If more and roya 3. If more commun Yes If answer is necessary.) No allowab 	than one lease of itization, unitization No If an "no," list the ow	dedicated to the different owner on, force-pooling asswer is "yes," the mers and tract of the week to	e well, outli rsip is dedic g, etc? ype of consi descriptions	ne each and ice ated to the we colidation which have ace interests have	tually	y the own	ership thereo terests of all solidated. (U	f (both owners	rse side of this form i
					A COLUMN TO SERVICE SE		contained	certify I herein	IFICATION that the information is true and complete to owledge and belief.
		2001			AMELINE AMELINE		Company Am	strict	Geologist
							I hereby shown on notes of under my	certify this plat actual si supervis nd corre e and be	al Engineer
							Certificate N	0.	

Form G-102 Adopted 10/1

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Lease Operator N.M.A.8 Aminoil USA. Inc. GTR-102 Section Township Range Unit Letter 27 24 S 19 W Hidalgo Actual Footage Location of Well: 2150 South feet from the West line feet from the line and Ground Level Elev. Producing Formation Dedicated Acreage: 4400 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 ownersip 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 ☐ No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessury.) _ 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 best of my knowledge and belief. Name Position District Geologist Company Aminoil USA, Inc. 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. I produce the second of the second 1320 1650 1885 2310 2640 1500 1000

Form G-102 Adopted 10/1

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Operator Ar	ninoil USA,	Inc.	Lea	se GTR-1	.02	10 50 10 5 10 5 10 5 10 5 10 5 10 5 10	Well No.	.A.8
Unit Letter N	Section 27	Township	24 S	Range 19 V	County	Hidalgo	2.) (0	
Actual Footage Lo	cation of Well: feet from the	South	line and	2150	feet from th	ne West	line	
Ground Level Elev			Poo				Dedicated Acreage:	
4400	the acreage dedic	arad to the cubic	ret well by ea	placed nensil or	hachure mark	s on the alat	helow	Acres
2. If mor and ro	e than one lease i	s dedicated to the	he well, outli	ne each and ide	entify the owi	nership therec	of (both as to wor	:
•						•	•	
☐ Yes	•	answer is "yes,"						
	is "no," list the o	wners and tract	descriptions	which have acti	ually been co	nsolidated. (U	ise reverse side of	this form if
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	1					An	ninoil USA,	Inc.
				ĺ	;	Date 3/	9/77	
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GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No. Operator N.M.A.8 Aminoil USA, Inc. GTR-102 Section Township Unit Letter 24 S 19 W Hidalgo Actual Footage Location of Well: 2150 feet from the West line and 800 feet from the Dedicated Acreage: Ground Level Elev. Pool Producing Formation 4400 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 ownersip 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. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if 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 best of my knowledge and belief. Name Position District Geologist Aminoil USA, Inc. Date 3/9/77 I hereby certify that the well location shown on this plat 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. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 1500 1003 500