GTLT - ____12____

Occidental Geothermal, Inc. (7&30)-20S-10W Luna County

Well No. 4-N & 2-K

		<u> </u>	ECE		Adopted 10/1/74
NO. OF COPIES RECEIVED	NEW MEXICO OIL CON	SERVATION COMMISSION	5	No. of Contract of	
DISTRIBUTION	P. O. Box 2088	3, Santa Fe 87501	INNS	0 1981	
File -	The second secon		A DAIR		<u> </u>
N. M. B. M.	SUNDRY NOTIC	ES AND REPORTS	71	ATION DIVIS	ION
U. S. G. S		ES AND REPORTS ON	CONSER	FA Inticate Ty	pe of Lease
Operator /		ON	SAI	State	Fee X
	GEOTHERMAL R			5.a State Lease	•
Faud-Office BTW 1				J.a State Boase	
		 		TITITITI TO	mmm
Do Not Use This Form for Proposals to Dril For Permit —" (Form G-101) for Such Prop	l or to Deepen or Plug Back to osals.)	a Different Reservoir. Use "/	Application		
1. Type of well Geothermal Producer		X		7. Unit Agreer	nent Name
Low-Temp Thermal 2. Name of Operator	Injection/Disposal			8. Farm or Le	nea Mama
	T				
Occidental Geothermal, 3. Address of Operator	inc.				esa Ranch
•	D C: 3 O 3:6			9. Well No.	
5000 Stockdale Highway	, Bakerstield, Calif	ornia 93309		4	
4. Location of Well					Pool, or Wildcat
Unit Letter <u>N, 1,325</u>	Feet From The <u>West</u>	Line and1,315	_Feet From	Faywoo	od
		_			
The South Line, Section		S Range 10W	NMPM.		
	15. Elevation (Show when	ther DF, RT, GR, etc.)		12. County	
	5,040'Grou	nd		Luna	
16. Check Ar	proprieta Poy To Indicate	Notice Perent	- Other De		
To. Check Ap	ppropriate Box To Indicate l	Nature of Notice, Report	or Other Da	ta	
NOTICE OF INTENTION	OT NC:	ļ	SUBSEQUE	NT REPORT OF	:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		☐ ALTE	RING CASING
TEMPORARILY ABANDON		COMMENCE DRILLIN	IG OPNS.	PLUG	& ABANDONMENT
PULL OR ALTER CASING	HANGE PLANS	CASING TEST AND C		L;/	2 / 0 / 11 / 2 / 11
		OTHER			[
OTHER					
17. Describe Proposed or completed Opera	itions (Clearly state all pertine	nt details, and give pertinene	t dates, inch	iding estimated	date of starting any
proposed work) SEE RULE 203.				Ū	
, ,					
Completed Operations:					
·					
Well plugged and abande	oned on December 17.	1980 by cutting o	ff pipe	6 inches be	elow
ground level and subse					
g, can in in in a same	query system y	p.p			r · r ·
		•			
					•
•					
	·				
18. I hereby certify that the information ab	Over is true and complete to the	hest of my knowledge and bo	liaf		
18. I hereby certify that the information ab	ove is true and complete to the	best of my knowledge and be	lief.		
18. I hereby certify that the information ab			lief.	.1-	nuary 12 1001
18. I hereby certify that the information about SIGNED Rong F. Sten	ove is true and complete to the	best of my knowledge and be Geologist	tief.	Ja	nuary 13, 1981
La F Stein			lief.	DATEJa	nuary 13, 1981
La F Stein	TITLE	Geologist		DATE	
La F Stein	TITLE			DATE	
SIGNED Konge F. Sten		Geologist		DATE/	

						7 (do)7 (d 1 (d	,
NE. OF COPIES RECEIVED	NEV	W MEXICO OIL CONSE	RVATION COMMISSION				
DISTRIBUTION		P. O. Box 2088,	Santa Fe 87501				
File				Γ	5 Indicate	Type of Lease	_
N.M.B.M.							į
Operator			MIT TO DRILL, DEEPE RMAL RESOURCES WI	۱۳,	STATE	FEE ose No.	-
Land Office	1	DO BACKGEOTHE	NIVIAL RESOURCES WI	- L.L.		***	
					TITTI.		1
							`
1a. Type of Work Drill	X	Deepen 🗆	Plug Back 🔲		7. Unit Agree	ement Name	
b. Type of Well Geother	mal Producer	- -	Temp Observation 🔯	-	8. Farm or Le	ence Nome	_
or sype or were	mp Thermal		njection/Disposal			Mesa Ranch	
2. Name of Operator					9. Well No.	mesa kanch	
Occidental Geothe	rmal. Inc.				4	Ĺ	
3. Address of Operator	imat, inc.				10. Field and	Pool, or Wildcat	-
5000 Stockdale Hi	ghway, Baker	sfield, Cali	fornia 93309		Faywoo		_
			FROM THE SOUTH	LINE	//////////////////////////////////////		`
1325	west	1315					`
AND 3,960 FEET FROM	THE CASE LINE OF	SEC. 7 TWP. 20) S RGE. 10 W	NMPM	12. County	7774444	`
					Luna		`
	4444444	4444444	44444444	44444		HHHHAM	-
							!
<i>HHHHHHH</i>	4//////////////////////////////////////		19. Proposed Depth	19A. Formation	7777777	20. Rotary or C.T.	_
			500'		ļ	Rotary	
21. Elevations (Show whether DF,	, RT, etc.) 21A. Kind	l & Status Plug. Bond	21B. Drilling Contractor		22. Approx.	. Date Work will start	_
5,040 Ground	\$10,000	Multi Well	Kachina Drill:	ing, Inc.	Augus	st 28, 1979	_
0	Р	ROPOSED CASING AN	ND CEMENT PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP	_
6"±	l¼" line pi		500'	two		2' from surf	i
							_
						•	_
2. Run l¼" bull drilled with 3. Cement the l¼ surface. 4. Fill the l¼" 5. Clean up the	plugged line air, fill the "x 6" annula pipe with warlocation.	pipe to wit e annulus wi us from 10'+ ter and inst	cossible and muchin 5'± of both th mud. below ground all well head after drilling	ttom. I level t cap. \pm .	f the ho withi	nole is	
7. Abandon the he	ole by placin	ng cement fr	om 10'+ below	ground			
of the surface 11-1-79: Pipe 4/13/80 " 6/6/80 " N ABOVE SPACE DESCRIBE PRO	n u u	"APPROVAL VAL" " PERMIT EXPRI	ID FOR 10 DAYS RES 11-26-79 ILLING UNDERWAY	P&A	12/	17/80	
N ABOVE SPACE DESCRIBE PRO one. Give blowout preventer progra	POSED PROGRAM: If	proposal is to deepen o	or plug back, give data on p	resent producti	ive zone and p	proposed new product	ix
hereby certify that the information		plete to the best of my	knowledge and belief.				-
8 Stran	0/	·	eum Engineer	Das	re Allali	ist 23. 1979	
(This space for Su							_
		SENIOR SENIOR	nollum ocologist	5.0	1/2	7/79	
ONDITIONS OF APPROVAL IF A	ANY: J			DA	1E		-
NPPROVED BY CAR' U	Opera	tor advised	to send comp.	G-103 -	- at wel	esite.	



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

July 21, 1980

Occidental Geothermal, Inc. 5000 Stockdale Highway Bakersfield, California 93309

Attention: Mr. B. J. Wyant

Subject: Temperature Observation Wells,

Luna and Grant Counties,

New Mexico, all Cerro Mesa Ranch Lease, #1 - Section 27, Township

20 South, Range 11 West;

#2 - Section 30, Township 20 South,

File ##

Range 10 West; #3 Section 1, <u>Township 21 South, Range 11 West;</u> #4 Section 7, Township 20 South,

Range 10 West.

Dear Sir:

This agency's files contain only the Forms C-101 and C-102 pertaining to the above referenced wells. We are aware that the wells drilled in latter 1979, however there are no reports here to suggest that fact, nor indications (other than telephone conversations) that you have completed your bore-hole studies.

In conversations with your well-site representative, I advised of the need for this agency to be notified of plugging for abandonment. To date no such notice has been received. As you know, our regulations do not put a time limit on the duration of temperature measurements, but do specify the maximum time for which a well may be abandoned without plugging. (See Rules 301, 302 and 303).

If you have need of the subject wells for further logging or other purposes but are not now utilizing them, I suggest you apply for temporary abandonment permits in accordance with the rules.

Very truly yours,

CARL ULVOG

Geothermal Supervisor

NO. OF COPIES RECEIVE	(a:	NEW MEXICO (OIL CONSERV	ATION COMMISSION			
DISTRIBUTION		P. O. 1	Box 2088, Sar	ta Fe 87501			
File	1 1				i		
N.M.B.M,							Type of Lease
U.S.G.S.	- ! .	APPLICATION I	FOR PERMI	T TO DRILL, DEEPEN	J,	STATE 5.a State Le	
Operator		OR PLUG BACK	-GEOTHERN	IAL RESOURCES WE	LL	5.a State Le	ase No.
Land Office					,	,,,,,,,	mmmm
			<u> </u>	,		7 Unit Aure	eement Name
1a. Type of Work D	rill 🖾	Deepen [J	Plug Back 🔲		7. OIII Agit	
b. Type of Well Go	eothermal Produc	er 🗆	Ter	np Observation - 💢		8. Farm or 1	Lease Name
1	ow-Temp Thermal	<u> </u>	Inje	ction/Disposal 🗆			Mesa Ranch
2. Name of Operator	·					9. Well No.	
Occidental Geo	othermal	Inc				4	4
3. Address of Operator	Jenermar,	IIIC.				10. Field an	d Pool, or Wildcat
5000 Stockdale	e Highway.	Bakersfield	. Calif	ornia 93309	į	Faywo	
		LOCATED 1,3		,		111111	
1325	T LETTER		<u></u> feet fr	OM THE DOGGI	LINE		
1		LINE OF SEC. 7	TWP. 20	S RGE. 10 W	NMPM		
						12. County	
						Luna	
			[[[[]]]]	Proposed Depth 1	9A. Formatio	n	20. Rotary or C.T.
				500'		,	Rotary
21. Elevations (Show whet 5,040 Ground	her DF, RT, etc.)	21A. Kind & Status P	lug. Bond 2	B. Drilling Contractor	·	22. Appro	x. Date Work will start
5,040 Ground		pro,000 Multi	well k	achina Drilli	ing, inc.	. Augu	st 28, 1979
		PROPOSED (CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF	CASING WEIGHT	PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
6"+ .		ine pipe		500'	two		2' from surfa
				ssible and mu			
Z. Run 1% Di	itr bindde	a line pipe	to with	in 5' <u>+</u> of bot	ctom.	li the	note is
		ill the annu			lovel	to with	in 2' of the
surface.	2 14 A U	annurus IIO	III TO I	below ground	TEAGL	CO WICH	.III 2 OI CHE
	l⅓" pipe w	ith water an	d insta	ll well head	cap.		
	the location						
6. Run temper	rature log	s ten days o	r more	after drillir	ng.		
				m 10'+ below			
of the sur	face. Cu	t off the pi	pe belo	w ground leve	el. Hol	le aban	doned.
				•			
				AD DAYS			
		APPR(OVAL VALID	FOR 90 DAYS			
		PER	MIT EXPIRE	S 11-24-79			
		UN	LESS DRIL	LING OND			
IN ABOVE SPACE DESCRI zone. Give blowout prevente		OGRAM: If proposal is	to deepen or	plug back, give data on p	resent produc	tive zone and	d proposed new productive
I hereby certify that the info		ue and complete to the	best of my kr	owledge and belief.			<u> </u>
2011	_ //	• • • • • • • • • • • • • • • • • • • •	•				
Signed	Jan V	Title	Petrole	um Engineer	D	ate_Aug	ust 23, 1979
(This space	e for State Usej						-
O and),0 -	c	FNIOR PETRI	LEUM GEOLOGIST		a /	28/79
APPROVED BY Carl	wood	TITLE	PHION 1 PING		D	ATE	20/19
CONDITIONS OF APPROVA	AL, IF ANY: $oldsymbol{U}$						

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 Cerro Mesa Ranch, Inc. Occidental Geothermal, Inc. Township County Unit Letter Section 20 South 10 West Luna Actual Footage Location of Well: 1325 1315 $\frac{1}{1}$ feet from the south line and feet from the line Pool Dedicated Acreage: Producing Formation Ground Level Elev. 5,040 Faywood 160 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 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 В. <u>J. Wyant</u> Position Petroleum Engineer Occidental Geothermal, Inc. August 23, 1979 Cerro Mesa Ranch 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 1650 1980 2310 2640 2000 1500 1000 500

•			Adopted 10/1/74
NO. OF COPIES RECEIVED	NEW MEXICO OIL CONSE	(1, 194	
DISTRIBUTION) P. O. Box 2088, S	ianta Fe 87501 JAI	N 2 0 1981
Fire			
N. M. B. M.	SUNDRY NOTICES	AND REPORTS OIL CONST	RVATION DIVISION
U. S. G. S	ON	the state of the s	State Type of Lease
: Operator	GEOTHERMAL RES	OURCES WELLS	State Lease No.
Land=Office B.L.M			5.a State Lease No.
			Marin
Do Not Use This Form for Proposals to Dril For Permit —" (Form G-101) for Such Prop		lifferent Reservoir. Use "Application	
1. Type of well Geothermal Producer	Temp. Observation	$\overline{\mathbf{X}}$	7. Unit Agreement Name
Low-Temp Thermal	Injection/Disposal		
2. Name of Operator			8. Farm or Lease Name
Occidental Geothermal,	Inc.		Cerro Mesa Ranch
3. Address of Operator			9. Well No.
5000 Stockdale Highway	<u>, Bakersfield, Califor</u>	nia 93309	2
4. Location of Well	6 11	0.625	10. Field and Pool, or Wildcat
Unit Letter <u>K, 2,635</u>	Feet From The SOUTN	Line and2,635_Feet From	Faywood
The West Line, Section	30 - 205	- 10W	
The WESC Line, Section	Township 203	Range IUW NMPM.	
	15. Elevation (Show whether	r DF, RT, GR, etc.)	12. County
	4,850 Ground	, , ,	Luna ·
16. Check A	1///	ture of Notice, Report or Other Da	
		ture of Notice, Report of Other Da	ita
NOTICE OF INTENTI	ON TO:	SUBSEQUE	NT REPORT OF:
	PLUG AND ABANDON 🔲	REMEDIAL WORK	ALTERING CASING L
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT X
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
		OTHER	
OTHER			
	l .	<u> </u>	
17. Describe Proposed or completed Operaproposed work) SEE RULE 203.	itions (Clearly state all pertinent of	details, and give pertinenet dates, incl	uding estimated date of starting any
Completed Operations:	•		
		1980 by cutting off pipe ipe with 10 feet of cemen	
	5		
		•	
18. I hereby certify that the information ab	eve is true and complete to the bes	t of my knowledge and belief.	
G. F	L / *	-7	1
SIGNED VOOPS L.	TITLE Geo	DIOGIST	
APPROVED BY Carl Ulva	TITLE SE	NIOR PETROLEUM GEOLOGIST	DATE 1-22-81

CONDITIONS OF APPROVAL, IF ANY:

Form G-103

NEW MEXICO OIL CONSERVATION COMMISSION DISTRIBUTION P. O. Box 2088, Santa Fe 87501 File N.M.B.M. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL 5. Indicate Type of Lea STATE 5. Indicate Type of Lea STATE 5. State Lease No. 5. State Lease No. 5. State Lease No. 7. Unit Agreement Name Low-Temp Thermal Deepen Plug Back Temp Observation Low-Temp Thermal Injection/Disposal Cerro Mesa Rar 2. Name of Operator Coccidental Geothermal, Inc. 3. Address of Operator Coccidental Geothermal, Inc. 3. Address of Operator 5. Indicate Type of Lea STATE 5. State Lease No. 7. Unit Agreement Name R. Farm or Lease Name Cerro Mesa Rar 9. Well No. 10. Field and Pool, or With Paywood Faywood 4. Location of Well 2. Cass Located 2. Feet From The South Line 2. County 12. County 12. County	FEE X
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL Tal. Type of Work Drill \(\text{Deepen} \) Deepen \(\text{Deepen} \) Deepen \(\text{Drill Back} \) Temp Observation \(\text{N} \) End of Operator Decidental Geothermal, Inc. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL 7. Unit Agreement Name 1. Unit Agreement Name 1. Unit Agreement Name 1. Unit Agreement Name 2. Name of Operation 3. Name of Operator 3. Name of Operator 3. Address of Operator 3. Address of Operator 4. Location of Well 4. Location of Well 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 5. Indicate Type of Lea STATE \(\text{STATE} \) 6. State Lease No. 8. Farm or Lease Name Cerro Mesa Rar 9. Well No. 2. Name of Operator 5. Occidental Geothermal Producer \(\text{STATE} \) 10. Field and Pool, or Will Faywood 10. Field and Pool, or Will Faywood 10. Field and Pool, or Will Faywood 10. Field and Pool, or Will Taywood 10. Taywood 10	FEE X
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Land Office Tall Deepen Plug Back Town Temp Observation T	nch
Land Office Tall Deepen Plug Back Town Temp Observation T	nch
b. Type of Well Geothermal Producer Temp Observation Disposal Cerro Mesa Rare Low-Temp Thermal Injection/Disposal Cerro Mesa Rare 2. Name of Operator Occidental Geothermal, Inc. 3. Address of Operator 5000 Stockdale Highway, Bakersfield, California 93309 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 2. Well No. 7. Field and Pool, or Will Faywood 7. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Located 2,640 FEET FROM THE OPERATOR 20 S RGE. 10 W NMPM	nch
b. Type of Well Geothermal Producer Temp Observation Disposal Cerro Mesa Rare Low-Temp Thermal Injection/Disposal Cerro Mesa Rare 2. Name of Operator Occidental Geothermal, Inc. 3. Address of Operator 5000 Stockdale Highway, Bakersfield, California 93309 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 2. Well No. 7. Field and Pool, or Will Faywood 7. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 2. Name of Operator 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Location of Well Unit Letter K Located 2,640 FEET FROM THE South Line 3. Address of Operator 4. Located 2,640 FEET FROM THE OPERATOR 20 S RGE. 10 W NMPM	nch
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3. Address of Operator 5000 Stockdale Highway, Bakersfield, California 93309 4. Location of Well 2635 West AND -2,640 FEET FROM THE GASTLINE OF SEC. 30 TWP. 20 S RGE. 10 W NMPM	dcat
4. Location of Well UNIT LETTER K LOCATED 2,640 FEET FROM THE SOUTH LINE 2635 AND 2,640 FEET FROM THE GASTLINE OF SEC. 30 TWP. 20 S RGE. 10 W NMPM	mm
2635 West 2635 AND 27640 FEET FROM THE DOST LINE OF SEC. 30 TWP. 20 S RGE. 10 W NMPM	////////
2635 AND 2,640 FEET FROM THE CASTLINE OF SEC. 30 TWP. 20 S RGE. 10 W NMPM	///////
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//////////////////////////////////////	
	HHH
19A. Formation 20. Rotary of	or C.T.
	,
21. Elegations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work	will start
4,850 Ground \$10,000 Multi Well Kachina Drilling, Inc. August 28,	19/9
PROPOSED CASING AND CEMENT PROGRAM	
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST.	TOP .
5"± 1½" line pipe 500' two 2' from	
	·
Surface. 4. Fill the 1½" pipe with water and install well head cap. 5. Clean up the location. 6. Run temperature logs ten days or more after drilling. 7. Abandon the hole by placing cement from 10'+ below ground level to with of the surface. Cut off the pipe below ground level. Hole abandoned. 6. Abandon the hole by placing cement from 10'+ below ground level to with of the surface. Cut off the pipe below ground level. Hole abandoned. 6. Abandon the hole by placing cement from 10'+ below ground level to with of the surface. Cut off the pipe below ground level. Hole abandoned. 6. Abandon the hole by placing cement from 10'+ below ground level to with of the surface. Cut off the pipe below ground level. Hole abandoned. 6. Abandon the hole by placing cement from 10'+ below ground level to with off the surface. 6. Abandon the hole by placing cement from 10'+ below ground level to with off the surface. 6. Abandon the hole by placing cement from 10'+ below ground level to with off the surface. 6. Abandon the hole by placing cement from 10'+ below ground level to with off the surface. 6. Abandon the hole by placing cement from 10'+ below ground level to with off the surface. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hole by placing cement from 10'+ below ground level. 6. Abandon the hol	of the 9 in 2' DAYS 74 EWAY
(This space for State Use)	
PROVED BY CORE USE USE TITLE SENIOR FIEDLESS DATE 1/21/79 NOITIONS OF APPROVAL, IF ANY: U	



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

July 21, 1980

Occidental Geothermal, Inc. 5000 Stockdale Highway Bakersfield, California 93309 File #2

Attention: Mr. B. J. Wyant

Subject: Temperature Observation Wells,

Luna and Grant Counties,

New Mexico, all Cerro Mesa Ranch Lease, #1 - Section 27, Township

20 South, Range 11 West; #2 - Section 30, Township 20 South,

Range 10 West;) #3 Section 1, Township 21 South, Range 11 West; #4 Section 7, Township 20 South,

Range 10 West.

Dear Sir:

This agency's files contain only the Forms C-101 and C-102 pertaining to the above referenced wells. We are aware that the wells drilled in latter 1979, however there are no reports here to suggest that fact, nor indications (other than telephone conversations) that you have completed your bore-hole studies.

In conversations with your well-site representative, I advised of the need for this agency to be notified of plugging for abandonment. To date no such notice has been received. As you know, our regulations do not put a time limit on the duration of temperature measurements, but do specify the maximum time for which a well may be abandoned without plugging. (See Rules 301, 302 and 303).

If you have need of the subject wells for further logging or other purposes but are not now utilizing them, I suggest you apply for temporary abandonment permits in accordance with the rules.

Very truly yours,

Geothermal Supervisor

NO. OF COPIES RECEIVED			NEW	MEXICO OIL CONSE	RVATION	COMMISSION			
DISTRIBUTION				P. O. Box 2088,	Santa Fe 8	87501			
File		V					r		
N.M.B.M.	1								Type of Lease
U.S.G.S.			· APPLI	ICATION FOR PERM	AIT TO D	RILL, DEEPEN,		STATE L	FEE X
Operator			OR PLU	G BACKGEOTHE	RMAL RE	ESOURCES WEL	.L	5.a State Le	ase No.
Land Office			Į					mm	\overline{m}
1a. Type of Work Drill	[X			Deepen 🔲	PI	ug Back 🔲		7. Unit Agre	ement Name
b. Type of Well Geot	hern	nal Pi	roducer 🔲		emp Obs		-	8. Farm or 1	ease Name -
Low-	Tem	p Th	nermal 🗆	· Ir	ijection/D	Disposal 🗆	j	Cerro M	esa Ranch
2. Name of Operator								9. Well No.	^
Occidental Geot	he:	rma	1, Inc.					. 7	2
3. Address of Operator									Pool, or Wildcat
5000 Stockdale	Hi	ghw	ay, Baker	sfield, Cali	forni	a 93309		Faywood	
4. Location of Well UNIT	FT7	FR	K LOCAT	2,640 FEET P	ROM THE	south	LINE		
2635		L	vest	2635	0 0	3.0			
AND -27549 FEET FR	MO	THE	CASTLINE OF	SEC. 30 TWP. 2	O S R	RGE. 10 W	NMPM	12. County	<i>1114444</i>
								Luna-	
	77	777	+++++++	/////////////////////////////////////	<i>HHH</i>	<i>HHHHH</i>	<i>HHH</i>	7/////	
	11	[[]			19. Propo	sed Depth 19	A. Formatio	n	20. Rotary or C.T.
	777,	777,				00'			Rotary
21. Elevations (Show whether 4,850 Ground	DF,	RT, e	etc.) 21A. Kind	& Status Plug. Bond	21B. Drill	ing Contractor	T	22. Approx	c. Date Work will start
4,030 Ground			\$10,000	Multi Well	Kacni	na Drilli	ng, Inc.	Augu	st 28, 1979
			P	ROPOSED CASING AN	ID CEMEN	NT PROGRAM			
SIZE OF HOLE		SIZ	E OF CASING	WEIGHT PER FOOT	SET	TING DEPTH	SACKS OF	CEMENT	EST. TOP
6" <u>±</u>		14	" line pi	pe		500 '	two)	2' from surfac
2. Run 1½" bul drilled wit 3. Cement the surface. 4. Fill the 1½ 5. Clean up th 6. Run tempera 7. Abandon the	l la	plucair "x pipolocare cole	gged line , fill the 6" annule e with was ation. logs ten o	ter and inst	thin 5 th mu below all we after after 10	<pre>'± of bot d. w ground ell head r drilling '+ below</pre>	tom.] level t cap. g. ground	If the control with	hole is in 2' of the to within 2'
IN ABOVE SPACE DESCRIBE	PRO	POSE	ED PROGRAM: If	proposal is to deepen	or plug bac	ck, give data on pr	PERMI UNLE	T EXPIRES	FOR 90 DAYS 5 //-24-79 NG UNDERWAY
zone. Give blowout preventer p	rogra	m, if	any.						
I hereby certify that the inform	ation	abov	1/	•	~				
Signed / A	191	un/		Title Petrol	eum E	ngineer	Do	ateAug	ust <i>23</i> , 1979
(This space for	or Sta	ite Us	re)						
APPROVED BY Carl	le	ev.	o g	TITLE SENIOR PET	ROLEUM	GEOLOGIST	· n	ATE 8/2	9/79
CONDITIONS OF APPROVAL,	IF A	NY:	0						7

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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. Lease Operator 2 Occidental Geothermal. Inc. Cerro Mesa Ranch, Inc. Township County Section Unit Letter 30 20 South 10 West Luna Actual Footage Location of Well: 2635 2635 2,640 2,640 line feet from the south line and feet from the Dedicated Acreage: Pool Ground Level Elev. Producing Formation 4,850 Faywood 160 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 Wyant Cerro Mesa Ranch Position Petroleum Engineer Occidental Geothermal, Inc. August 23, 1979 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. 660 1320 1650 1980 2310 2000 2640 1500 1000 500