# GW - 4

# GENERAL CORRESPONDENCE

# YEAR(S):





#### State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

March 8, 1994

Rosette, Inc. P.O. Box 265A Animas, New Mexico 88020 Attn: Mr. Dale Burgett Burgett Geothermal Greenhouses, Inc.

Re : Proposal of State Royalty Calculations for the Burgett Greenhouse Operation in the proximity of Lordsburg, New Mexico.

Dear Mr. Burgett,

Our office has attempted to compile pertinent facts and findings as a basis to obtaining a reasonable method of calculating a fair and equitable royalty rate for the State Land Office for the utilization of geothermal resources from state lands. The facts and findings we obtained were necessary in order to establish a fair market value to the heating capacity of the geothermal resource that is currently in use on your operation. Natural gas was used as the alternative energy source for the purpose of assessing/estimating the heating cost expense that would be associated with your operation if this alternative fuel had to be used.

Estimates of natural gas usage and costs were obtained from the Gas Company of New Mexico, (GCNM) that encompassed residential and commercial properties of varying heat loss coefficients. Unfortunately, actual cost information was not available for the southern part of the state, however, the estimates that were obtained for the northern part of the state were adjusted fairly to reflect the higher monthly ambient temperature for the southwestern part of New Mexico. Average temperatures for the southern part of New Mexico are 20% higher with respect to low and high means when compared to northern New Mexico. Thus, this finding is reflected in the average monthly cost that was calculated for southern New Mexico by using 80% of the value calculated for the northern part of the state.

The following table reflects a summation of our findings and what we feel would be fair and equitable regarding royalty assessment for the use of geothermal resources on state trust lands.

RAY POWELL, M.S., D.V.M. COMMISSIONER (505) 827-5760 FAX (505) 827-5766

. 1.4 mill Ft<sup>2</sup>/heating cost@. 50<sup>4</sup>/Ft<sup>2</sup> = 70.0,000<sup>--</sup> lease stipulates 2% for Direct use = 14,000<sup>--</sup> year

\*\*\* ..

Month Sa	n Na \$/:	ommercial atural Gas Use sq. ft. of space a Lordsburg area	Total Cost to Burgett to Heat Current Facility Appr. 1,374,000 sq. ft.	State Royalty 10% of Total Cost
Jan.	0.025	0.0200	\$27,480.00	\$2,748.00
Feb.	0.020	0.0160	\$21,984.00	\$2,198.40
Mar.	0.018	0.0144	\$19,785.60	\$1,978.56
Apr.	0.011	0.0088	\$12,091.20	\$1,209.12
May	<b>0.004</b>	0.0032	\$ 4,396.80	\$ 439.68
Jun	0.000	0.0000	\$ 0.00	<b>\$ 0.</b> 00
Jul	0.000	0.0000	\$ 0.00	\$ 0.00
Aug.	0.000	0.0000	\$ 0.00	<b>\$ 0</b> .00
Sep.	0.000	0.0000	\$ 0.00	<b>\$ 0.00</b>
Oct.	0.009	0.0072	\$ 9,892.80	\$ 989.28
Nov.	0.018	0.0144	\$19,785.60	\$1,978.56
Dec.	0.022	0.0176	\$24,182.40	\$2,418.24
Aver. Monti	0.01058 nly	0.008464	\$11,629.54	\$1,162.95
Total Annu:	al		\$139,554.43	\$13,955.44

The preceding table and calculations can be condensed into one of the following formulas:

1) Royalty (\$) Per Month = 0.008464 \* (the total square footage of the structures being heated) Due to the State

If a standard height of 8' is accurate or is assumed for the structure(s).

OR

2) Royalty (\$) Per Month = 0.001058 \* (the total cubic footage of the structures being heated) Due to the State

If the height of the structure(s) is not standard.

The preceding table reflects the estimated costs associated with the current facility, approximately 1.374 million square feet. Understandably, the estimated total heating expense and the calculated state royalty will vary according to the size of the structure(s) being heated; for example, expansion of the facility may be considered, or a reduction in the size of the facility that would require heating may be considered. In addition, an adjustment in the formula will be necessary periodically to reflect the current price of natural gas that was used as a comparable alternative fuel. This will be necessary to reflect an increase or decrease in the estimated total heating expense, thus increasing or decreasing the calculated state royalty. Also, this proposal will eliminate the need to meter the water from the state lands since we feel metering will prove only to be an unnecessary hardship on the operation.

We would appreciate your review of the preceding table and your input so we may reach an agreement on this matter as soon as possible.

Sincerely, Janual V

Floyd O. Prando, Director Oil, Gas & Minerals Division (505) 827-5744

P.01

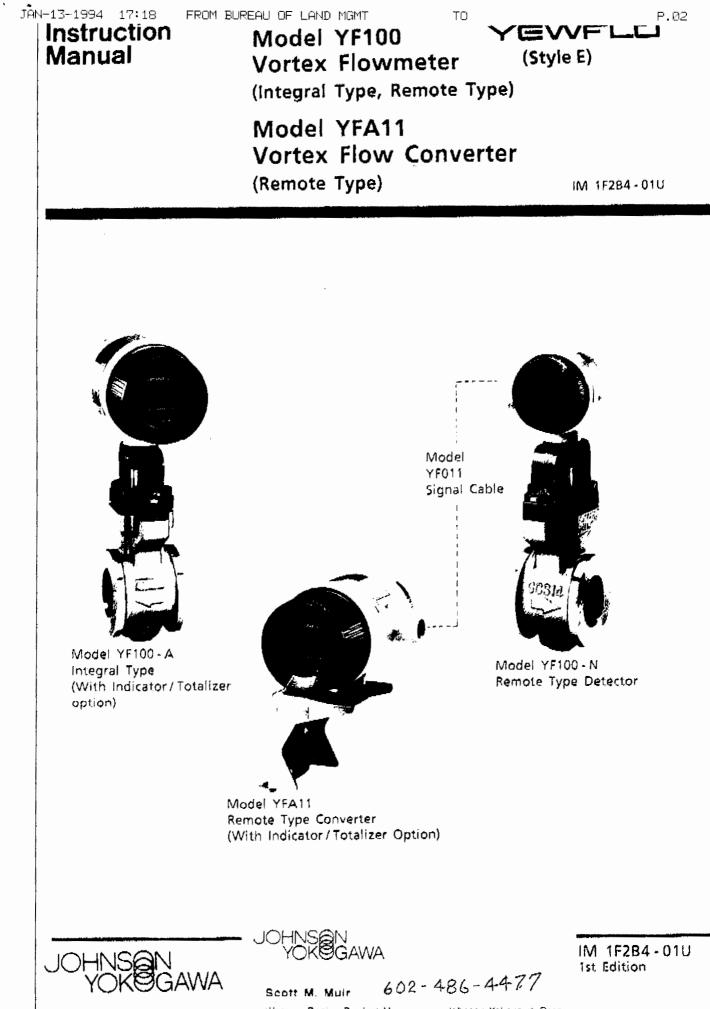
Burgett File

TO

**Bureau of Land Management** Las Cruces District Office **1800** Marguess Street Las Cruces, New Mexico 88005 Phone: 505-525-4300 FAX Number: 505-525-4412

## FACSIMILE TRANSMITTAL SHEET

1-13-94 DATE: DELIVER TO: Roy Johnson OFFICE CODE: Senior Petroleum Geologíst Chuck O'Donnell AS CRUCES DISTRICT OFFICE, BLM FROM: # OF PAGES: \_\_\_\_\_ (includes transmittal sheet) REMARKS: Johnson - Yokogawa: Scott Muir 602-486-4477 If telecopier does not transmit properly, please notify us at the above number. OCD For 827-5.741 FOR LCDO USE: VERIFIED BY: DATE VERIFIED: RESULT: OPERATOR:



Western Region Product Manager Recorder & Control Products Johnson Yokogawa Corp PO Box 632

### 2. GENERAL DESCRIPTION

#### 2.1 Outline

*t* .

This vortex flowmeter measures liquid, gas and steam flow rates and converts them to a 4 to 20mA DC output or pulse output signal.

Since the converter is mounted independently from the flowmeter, it permits remote flow measurements of high temperature liquid, steam, etc.

The Integral Type Vortex Flowmeter (YF100-A) has the converter with the flowmeter, and measures liquid, gas and steam flow rates and converts them to 4 to 20mA DC output or pulse output signal.

The Remote Converter Type Vortex Flowmeter (YF100-NNN) is used with the Model YFA11 Vortex Flow Converter. A special cable (YF011) is used between these instruments.

#### 2.2 Standard Specifications

Fluid to be Measured Linear Flow Rates	<ul> <li>Liquid, Gas or Steam.</li> <li>Reynolds number of 20,000 to 7,000,000 (40,000 to 7,000,000 for 6- and 8-inch flowmeter). The relationship between the flow velocity and kinematic viscosity is shown in Figure 6.1. The relationship between the minimum measurable flow rate and specific weight is shown in Figure 6.2. If the flow rate corresponds to a Reynolds number between 5 × 10<sup>3</sup> and 2 × 10<sup>4</sup> (4 × 10<sup>4</sup>), refer to section 6.1 Table 6.1.</li> </ul>
Output Signal:	
Analog output :	4 to 20mA DC.
Pulse output :	,
Low level ;	0 to 2V.
High level ;	Vs-2V (Vs: input supply voltage)
Pulse width ;	Approx. 50% duty cycle.
	See Table 2.1 for the nominal pulse rate.
Accuracy:	
Analog output ;	$\pm 0.8\%$ of reading plus $\pm 0.1\%$ of full scale for Liquid.
	$\pm 1.5\%$ of reading plus $\pm 0.1\%$ of full scale for gas or steam.
Pulse output ;	±0.8% of reading for Liquid.
	$\pm 1.5\%$ of reading for gas or steam.

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· · · · · · · · · · · · · · · · · · ·	ea Limite	$= -40$ to $80^{\circ}$ C ( $-40$ to $176^{\circ}$ F).
Ambient Temperatur		$-30$ to $80^{\circ}$ C ( $-22$ to $176^{\circ}$ F): with Indicator Totalizer
		Option
		-40 to $60^{\circ}$ C (-40 to $140^{\circ}$ F) : FM Explosion proof.
Process Temperatur	e Limits	:-40 to 300°C (-40 to 572°F). (Refer to Figure 2.1
		for Integral Type.); If fluid temperature goes 300°C
		or more, high temperature version (HPT) will be
		recommended.
Ambient Humidity I		:5 to 100% RH.
Process Pressure Li		Less than flange ratings.
Wetted Parts Materi		·····
Body		BM stainless steel, or Hastelloy C (equivalent of
		CW12MW).
Vortex Shedder	CW12MW	·
-	mbly Mater	ial: Aluminum alloy casting
Coating Finish:		
Amplifier case		ane resin baked coating; -
A		white (equivalent to Munsell 2.5Y8.4/1.2)
Amplifier cover	-	ane resin baked coating;
Denne den i terret		sea moss green (equivalent to Munsell 0.6GY3.1/2.0)
Power Supply and I		
		DC, See Figure 2.2.
		Itage 14 to 30V DC
Maximum load w		
Maximum line ca	-	
Enclosure Classifica Electrical Classificat		: NEMA Protection Type 4 Watertight and Dust-tight.
mectrical classificat	uon	:• Approved by FM Explosionproof
		Explosionproof for: Class I, Division 1, Groups B, C and D.
		Dust ignitionproof for: Class II, Division 1, Groups
		E, F and G.
		Suitable for Class III, Division 1
		Temperature Class : T6
		Outdoor NEMA Type 4 Hazardous location
		<ul> <li>Approved by CSA Explosionproof</li> </ul>
		Explosion proof for : Class I, Groups C and D
,		Division 1 and 2
		Dust ignitionproof for: Class II, Group E, F and G
		Division 1 and 2
		Suitable for Class III, Division 1 and 2
<b>Electrical</b> Connectio	n	: ANSI 1/2NPT.
Weight		:See external dimensions.
Signal Cable		: Model YF011 cable, used for remote detector and
		converter.
		Outer Sheath Material :Black heat resistance polyethylene
		Durable Temperature $:-40$ to $+150$ °C $(-40$ to $+302$ °F)
Maximum length		: 20m (65ft)
		•

Commision Regulations, the following discharge n'an apnitted plication has been to the Director of the Jil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131: (GW-41) Burgett Greenhouse. Dale Burgett, Box 265A, Animas, New Mexico 88020, has submitted a groundwater discharge plan renewal for the facility located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico. A maximum volume of 336,000 gallons per day of cooled geothermal water with a total dissolved solids content of 1115 ppm will be discharged during the winter months to irrigate farm land. No discharge is anticipated during the summer months. Groundwater most likely to be affected by such discharge is geothermal and has a total dissolved solids content of 1195 ppm at a depth of 60 feet.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division Shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing should be held. A hearing will be held if the Director determines there is significant public interest.

available. If a public hearing is held, the director will approve or disrapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commision at Santa Fe, New Mexico, on this Twenty-second (22nd) day of March, 2000.

STATE OF NEW MEXICO OIL CONSERVATION DIVI-SION

Lori Wrotenbery, Director

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Notice Of Publication State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Notice is hereby given that

pursuant to New Mexico Water Quality Control If no public hearing is held, the Director will approve or disapprove the proposed plan based on information

# AFFIRE VIT OF PUBLICE TION

State of New Mexico)

) SS.

County of Hidalgo )

Brenda Collins, being first duly sworn, says that she is the editor of The Independent Lordsburg Liberal, a weekly newspaper of general circulation, published in the City of Lordsburg, County of Hidalgo, State of New Mexico, and has been such during the time herein under mentioned, and that the advertisement headed:

#### Burgetts Greenehouse, Animas, NM

A copy of which is herein attached, was printed and published in every copy of each issue of said newspaper for a period of 1 consecutive weeks to wit: First publication <u>April 7, 2000</u>, and the last publication <u>April 7, 2000</u>.

Publication fee \$ 38.28

Editor

State of New Mexico) )SS.

County of Hidalgo

Subscribed and sworn before me

1 ( ay 4, 2000

My commission expires: October 29, 2000

#### COUNTY OF CHAVES STATE OF NEW MEXICO

I, Fran Saunders Legals Clerk

Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published in the regular and entire issue of said paper and not in a supplement thereof for a period of:

one time

beginning with issue dated April 27th

2000

and ending with the issue dated April 27th 2000

Jaunders Clerk

#### Sworn and subscribed to before me

This 1st May day of 2000

Notary Public

My Commission expires July 25, 2002

(SEAL)

#### Publish, April 27, 2000

#### NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control commission Regulations, the following discharge plan application has been submitted to the director of the Oil Conservation division, 2040 south Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

GW-50 Agave Energy Company, Paula Haggith, Engineer has submitted a discharge plan renewal application for their Ned State (GW 50-04) natural gas compressor station located in the SE/4 NE/4 of Section 4, Township 9 South,

Range 32 East, NMPM, Chaves County, New Mexico. A total estimated volume of 5 to 50 barrels per day of produced water, lube oil, spent glycol and arsenic removal solids is discharged to above ground drums/tanks prior to off site disposal at an OCD approved disposal facility. Groundwater most likely to be affected by an accidental spill is at a depth greater than 160 feet with a total dissolved solids concentration ranging from 2400 to 8200 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held, a hearing will be held if the Director determines there is significant public interest.

if no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this twelfth (12th) day of April, 2000.

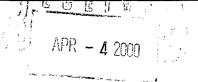
SEAL

STATE OF NEW MEXICO OIL CONSERVATION DIVISION. Roger Anderson for LORI WROTENBERY, Director



#### Since 1849. We Read You.

NM OIL CONSERVATION DIVISION ATTN: DONNA DOMINGUEZ 2040 S. PACHECO ST. SANTA FE, NM 87505



AD NUMBER: 140181 ACCOUNT: 56689 LEGAL NO: 67129 P.O.#: 00199000278 171 LINES 1 time(s) at \$ 75.38 AFFIDAVITS: 5.25 TAX: 5.04 TOTAL: 85.67

#### AFFIDAVIT OF PUBLICATION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this Twenty-second (22nd) day of March, 2000.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION LORI WROTENBERY, Director Legal #67129

Pub. March 31, 2000

STATE OF NEW MEXICO COUNTY OF SANTA FE

I, BRUNN being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #67129 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/31/2000 and 03/31/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 31 day of March, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

LEGAL ADVERTISEMENT REPRESE

Subscribed and sworn to before me on this 31 day of March A.D., 2000

andace Notary

Commission Expires \_\_\_\_\_ [1][16]200

/S/\_

OK to pay. Id Martin

#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this <u>Twenty-second</u> (22nd) day of March, 2000.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

SEAL



#### NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

March 23, 2000

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

RE: Discharge Plan GW-41 Burgett Greenhouse Hidalgo County, New Mexico

Dear Mr. Burgett:

Thank you very much for showing us around your property last week. It was very informative and interesting.

Enclosed is a copy of our inspection report prepared during our visit and copies of all the photographs Wayne Price took during the tour.

Again, thanks for the hospitality and if you require further information, please do not hesitate to contact me.

Sincerely yours,

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Ed Martin Environmental Bureau

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#### **OCD ENVIRONMENTAL BUREAU**

#### **SITE INSPECTION SHEET**

DATE: <u>3/15/00</u> Time: 9AM
Type of Facility:       Refinery       Gas Plant       Compressor St.       Brine St.       OilField Service Co.       Image: Surface Waste Mgt.         Surface Waste Mgt.       Facility       E&P Site       Crude Oil Pump Station       Image: Surface Waste Mgt.         Other       Complexity       Image: Surface Waste Mgt.       Facility       Image: Surface Waste Mgt.       Image: Surface
Discharge Plan: No I Yes & DP# <u>GW-04</u> 1
FACILITY NAME: BURGETTS ROSE FACTORY
PHYSICAL LOCATION: # 15 MILES SW of LORDS BURG NM
Legal: QRT_QRT_SW Sec_7 TS 255 R 19W County HILDALgo
OWNER/OPERATOR (NAME) BURGELT GEOTHERMAL GREEN HOUSES INC.
Contact Person: DALE BURGEEE Tele:# 505-548-2353
MAILING
ADDRESS: BOX 265-A ANIMAS NM State NM ZIP 88020
Owner/Operator Rep's: DALE BURGEtt
OCD INSPECTORS: 2 PRIEE + ED MARTIN
OCD INSPECTORS: A PRICE TO PRICE
1. <u>Drum Storage</u> : All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
2. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.           OK
<b>3.</b> <u>Above Ground Tanks</u> : All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

OCD Inspection Sheet Page \_\_\_\_ of \_\_\_\_

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FUEL TANKS DO NOT HAVE PROPER CONTAINMENT 4. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure. SAME AS # 3 5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information. OK 6. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing. N. A. 7. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing. N. A 8. <u>Onsite/Offsite Waste Disposal and Storage Practices:</u> Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? \_\_\_\_\_ Yes \_\_\_\_\_ No ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES ♂ NO □ IF NO DETAIL BELOW. OCD Inspection Sheet Page \_\_\_\_ of \_\_\_\_

9. <u>Class V Wells:</u> Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS NO 🖉 YES 🗆 IF YES DESCRIBE BELOW ! Undetermined 🗆

**10.** <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

6000

11. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

OK

12. Does the facility have any other potential environmental concerns/issues?

NONE OBSERVER

13. Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?

14. ANY WATER WELLS ON SITE ? NO 🗇 YES 💋 IF YES, HOW IS IT BEING USED ?

GEO-THERMAL WELLS ONLY **Miscellaneous Comments:** 

OCD Inspection Sheet Page \_\_\_\_ of \_\_\_\_

40



Geothermal Well located north of facility located on NMSLO lands.



Same as above-looking SE.



Rankine cycle pentane gas-liquid turbine and induction generator.



Cooling water (fresh water) pond. Looking east.



Geothermal water discharge area east side of greenhouses. Looking south.



Wayne Price (OCD) Inside one of the greenhouse.



Geothermal water discharge ditch-looking North.



7000 foot deep geothermal well.



First geothermal well on site and rankine cycle system. Dale Burgett and Ed Martin(OCD)



Geothermal water discharge ditch-looking North. Picture taken at bridge entering site. Ducks and fish were observed in the water.



Burgett fresh water well located 10,000 feet west of facility. TDS 300 mg/l. depth of water is 60 feet BGS.



Roses in cold room.



Evaporator cooler corridor between greenhouses.



Greenhouse alley looking south.



Geothermal heating pipe inside one of the greenhouses.



Inside one of the greenhouse.



Geothermal water discharge ditch looking south. Located west of facility. Ditch flows to the north and west.





1 - 1



Cold room



Drying room for potourri sales.



Diesel and gasoline tanks



#### NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

November 10, 1999

#### CERTIFIED MAIL RETURN RECEIPT NO. P 410 425 205

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

RE: Discharge Plan GW-41 Burgett Greenhouse Hidalgo County, New Mexico

Dear Mr. Burgett:

New Mexico Oil Conservation Division (NMOCD) records indicate your groundwater discharge plan GW-41 for the above captioned facility expired on November 16, 1998. If you wish to continue operations please submit a discharge plan renewal application pursuant to section 3-106 of the Water Quality Control Commissions Regulations by December 15, 1999. NMOCD has enclosed a blank form and a copy of the guidelines for your use.

If your operations are no longer in use please submit a request to terminate the discharge plan. If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec. Environmental Bureau

cc: Roy Johnson-Santa Fe

attachments-2



# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

June 16, 1998

### CERTIFIED MAIL RETURN RECEIPT NO. P-288-259-079

Mr. Dale Burgett Burgett Geothermal Greenhouses; Inc. Box 265A Animas, NM 88020

RE: Discharge Plan Renewal Burgett Geothermal Greenhouses, Inc. (GW-41) Hidalgo County, New Mexico

Dear Mr. Burgett:

On November 16, 1993, the groundwater discharge plan, GW-41, for the Burgett Geothermal Greenhouses, Inc. (Burgett) geothermal well located in the E/2 SW/4 of Section 7, Township 25 South, Range 19 West, NMPM, Hidalgo County, New Mexico, was renewed by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on

If the facility continues to have potential or actual effluent or leachate discharges and Burgett wishes to continue operations, the discharge plan must be renewed. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether Burgett has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the Burgett geothermal well is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for geothermal wells. The \$50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan/renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan with the first payment due Please make all checks payable to: NMED-Water Quality Management and addressed to the

Mr. Dale Burgett June 16, 1998 Page 2

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Artesia District Office. Note that the completed and signed application form must be submitted with the discharge plan renewal request. Copies of the WQCC regulations and discharge plan application form and guidelines have been provided in the past. If Burgett requires additional copies of these items notify the OCD at (505) 827-7152. A complete copy of the regulations is also available on the OCD's website at www.emnrd.state.nm.us/ocd/.

If Burgett no longer have any actual or potential discharges and a discharge plan is not needed, please notify this office. If Burgett has any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,

Roger C. Anderson Environmental Bureau Chief

RCA/mwa

OCD Artesia Office xc:

receipt for our	ified Mail		
lo Insurance Coverage I Do not use for Internation	Provided. Nal Mail <i>(See reve</i>		
Sent to			
Street & Number			
Post Office, State, & ZIP Code			
Postage	\$		
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered			
Return Receipt Showing to Whom, Date, & Addressee's Address			
TOTAL Postage & Fees	\$		

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Bureau of Land Management Las Cruces District Office 1800 Marquess Street Las Cruces, New Mexico 88005 Phone: 505-525-4300 FAX Number: 505-525-4412

# FACSIMILE TRANSMITTAL SHEET

DATE:	3-11-93	
DELIVER TO:	Kathy Brown	
FROM:	Chuck ODonnell LAS CRUCES DISTRICT OFFICE, BLM	
# OF PAGES: REMARKS:	(Includes transmittal sheet)	

If telecopier does not transmit properly, please notify us at the above number.

FOR LCDO USE:	
VERIFIED BY:	
DATE VERIFIED:	
OPERATOR:	

Kathy Brown New Mexico Oil Conservation Division

FROM

By way of introduction, my name is Chuck O'Donnell and I am a geologist working for the Bureau of Land Management, Las Cruces District. I am presently working on a geothermal case concerning Burgett Geothermal Greenhouses Inc, Animas, New Mexico. This fax is probably the only way I could get in touch with you as I will be out of town for the next week.

In any event, Mr. Burgett at one time had a discharge permit for geothermal. effluent. That permit has expired and he subsequently reapplied. In my recent conversation with Mr. Burgett, he said that he had withdrawn his new application. He said that he considered the effluent as part of his agriculture development. I contend that the effluent is merely a wasted resource once he has used the heat from the water. We presently estimate that more than a million gallons of this effluent is pumped into the desert surrounding his operation each day. Mr. Burgett claims that the water is suitable for agricultural purposes yet he pumps water located approximately a mile from his operation and stores it in a large 50,000 gallon tank near his greenhouses.

Tom McCants operates a 4-acre greenhouse adjacent to Mr. Burgett and McCants has never applied for a discharge permit even though he is discharging nearly 50,000 gallons per day of geothermal effluent.

I believe this is OCD's call as to requiring a permit. I just wanted to make you aware of all the facts before a decision was reached. I will call you on March 22, 1993 in the afternoon for further discussion. My phone # is 525-4373 if you would prefer to leave me a message. My fax # is 525-4412. The BLM would like to work with you on this issue. If there is any information we can supply, please let me know.

OIL CONSERVATION DIVISION RECEIVED

·93 005 к АМ 9 35

October 6, 1993

Kathy Brown New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87504

Re: Approved Discharge Plan for Geothermal Facilities

Dear Ms. Brown:

Enclosed please find the well records and the drawing of the land, wells and facilities of our operation. I have included a copy of the Plan of Operation and Plan of Utilization that was submitted to BLM.

If you require other information or if additional fees are required, please let me know at the address below.

Sincerely,

Betty/D. Beagles, Director Burgett Geothermal Greenhouses, Inc. P.O. Box 1618 Roswell, NM 88202 505/623-7616 Fax/623-0540

Location Address: Box 265-A Animas, NM 88020 505/548-2353

enclosure

#### DISCHARGE PLAN FOR GEOTHERMAL FACILITIES FOR THE STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

- General Information I.
  - Burgett Geothermal Greenhouses, Inc. Α. Betty D. Beagles, Corporate Secretary Box 265 A Animas, New Mexico 88020
  - Β. Location of Discharge:

Section 7, Township 25 S, Range 19 W

Type of Operation: C.

> Greenhouse operation utilizing the geothermal resources for heat.

D. Affirmation:

> "I hereby certify that I am familiar with the information contained in and submitted with this application and that such information is true, accurate and complete to the best of my knowledge and belief."

Malone <u>10/1/93</u> Date: <u>10/1/93</u> Date: <u>10/1/93</u>

#### Plant Processes:

A. The geothermal waters are pumped out of the wells and circulated by pipe around and through the greenhouses. The water is then discharged from a line running to the west into a ditch beside a dike. The water then runs in a northly direction and ponds for drinking water for livestock. The water is potable.

> The geothermal waters are also used for heating the packing building and mobile homes when the outside temperature is low and heat is required.

B. Estimated quantities used in gallons per day (GPD):

> An estimated 55,500 gallons per day of geothermal water is used <u>only</u> when the outside temperature is low and heat is required in the fall and winter months.

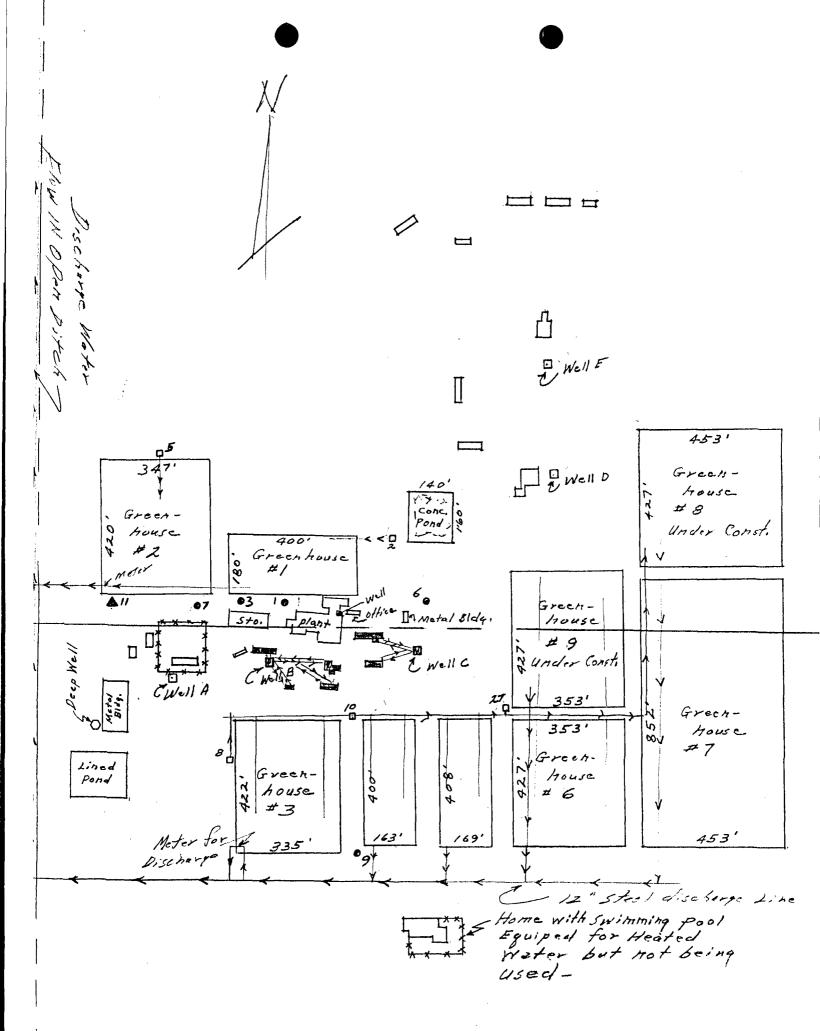
- C. There are no additives to the geothermal waters. Geothermal waters from five different wells are connected into the one discharge line.
- III. Site Characteristics
  - A. Description and location of any ground water discharge sites within one mile of outside perimeter of facility: None.

Water wells: See list of wells attached.

- B. Flow direction of the ground water most likely to be affected by the discharge: None.
- C. See list of wells for depth to water of geothermal water. There are no water wells that could be affected by any discharge.

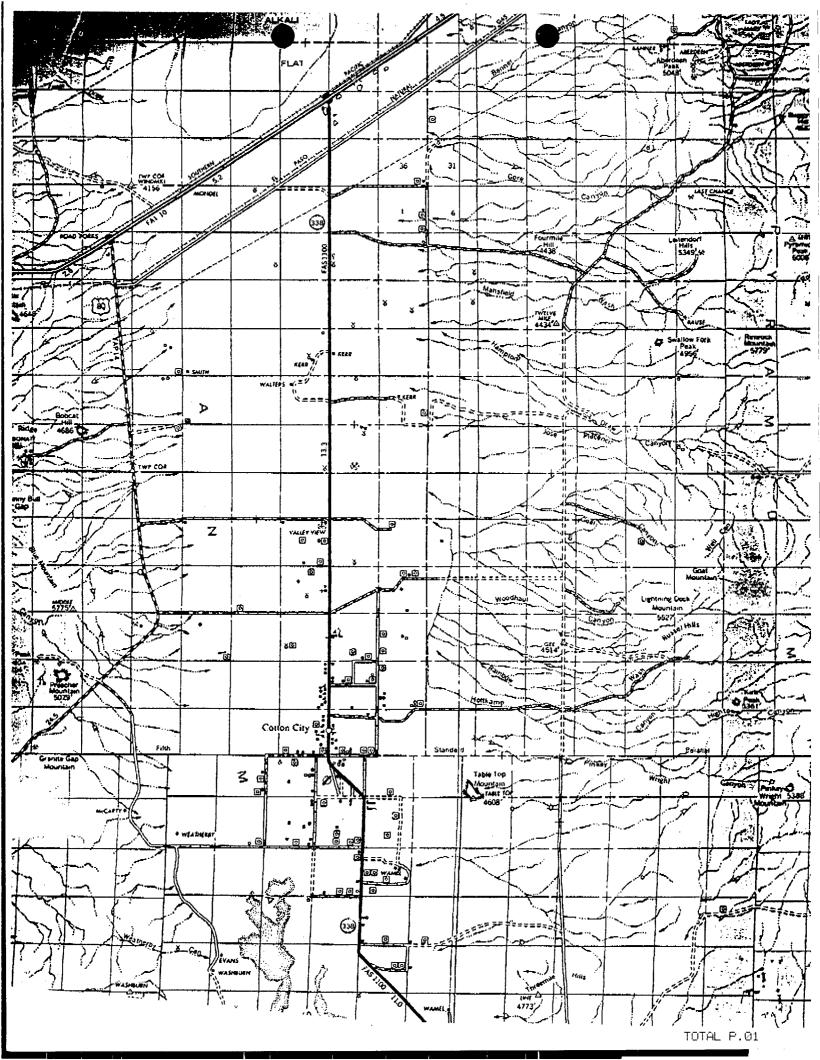
II.

- D. Depth to and lithologic description of rock at base of alluvium is provided in the well records attached that were submitted to the New Mexico State Engineers Office.
- E. The flooding potential is controlled by dikes constructed to the south and west of the project to control flooding caused by rain. The flooding caused by discharge of geothermal waters can be controlled by the shut-down of the pumping of that water.
- F. The utilization plan attached demonstrates the water that is discharged has no additives and is only circulated in pipe lines around and through the greenhouses. There is no contact with any toxic pollutants at any place of withdrawal of water at the present or foreseeable future uses.



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#### GEOTHERMAL LEASE NM 34790 SECTION 7, TOWNSHIP 25 SOUTH, RANGE 19 WEST S2N2, SE4, E2SW4 HIDALGO COUNTY, NEW MEXICO

BURGETT INVESTMENT, INC., OPERATOR BOX 265-A, ANIMAS, NEW MEXICO 88020

GREENHOUSE OPERATION USING GEOTHERMAL FOR HEATING TO GROW ROSES

PLAN OF OPERATION

AND

PLAN OF UTILIZATION

#### PLAN OF OPERATION

I.	Maps	
	A.	Scaled Drawings of Operations
	в.	Geographical Topographic Map
II.	Wells	
	A.	Identification of Wells
	в.	Monitoring
	c.	Collecting Data
III.	Greenhouses	
	A.	Identification
	в.	Construction
	c.	Square Footage

III. Narrative Statement

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#### DESCRIPTION OF GREENHOUSES

- Greenhouse #1 Completed: January 1978 Construction: Wood frame/Fiberglass Size: 400 X 180 Square Footage: 72,000
- Greenhouse #2 Completed: December 1980 Construction: Steel Pipe/Fiberglass Size: 347 X 420 Square Footage: 145,740
- Greenhouse #3 Completed: August 1985 Construction: Steel Pipe/Exolite Size: 335 X 422 Square Footage: 141,370
- Greenhouse #4 Completed: August 1987 Construction: Steel Pipe/Exolite. Size: 163 X 400 Square Footage: 65,200
- Greenhouse #5 Completed: August 1988 Construction: Steel Pipe/Glass Size: 169 X 408 Square Footage: 68,952
- Greenhouse #6 Completed: November 1989 Construction: Steel Pipe/Exolite Size: 353 X 427 Square Footage: 150,731
- Greenhouse #7 Completed: January 1991 Construction: Steel Pipe/Exolite Size: 453 X 852 Square Footage: 385,956
- Greenhouse #8 Completed: November 1993 (Anticipated) Construction: Steel Pipe/Exolite Size: 453 X 427 Square Footage 193,431
- Greenhouse #9 Completed: November 1993 (Anticipated) Construction: Steel Pipe/Exolite Size: 353 X 427 Square Footage 150,731

Total square footage in all greenhouses 1,374,111

#### NARRATIVE STATEMENT OF OPERATION

The greenhouse operation comprises of 1,029,949 square feet as of September 1993, with an expected total 1,374,111 square feet by November 1993.

The only crop is roses for wholesale business. The operation is confined to the greenhouses and grading/packing building. There is no outside growing.

A grading and packing building is located to the south of Greenhouse #1. The east side is for loading, the middle is the packing area that also contains three refrigeration room. The west side of the building is the grading room. There is a heat obsorbtion unit in this area, but is not hooked up nor is it being used. The room to the south is a large refrigeration room.

A mobile office sits next to the east side of the building. There is a shop building for equipment repair located to the east of the office.

There are approximately 100 employees monthly on site, some of whom live in the mobile homes to the south of the packing building and others to the east of the complex.

There are two prefab houses on the eastern edge of the complex. Neither use geothermal heat.

To the south of the complex is the home of Mr. and Mrs. Burgett, and to the west of the complex is the home of Mr. and Mrs. Malone.

There are portable sanitary facilities (toilets) for the workers positioned around the greenhouses. These facilities are supplied by a local company who services them.

A generator building is located on the west side of Greenhouse #3 and is used for switching electricity from local service to diesel generators for the complex.

The discharge of the water used to heat the greenhouses is done in a manner that minimizes any soil erosion. The water is discharged into a ditch and flows in such a manner that livestock uses it for drinking.

#### WELL DESCRIPTION

- No. 1 A-36-A Well is 2567 feet south and 780 feet east from the N4 corner of Section 7, T. 25 S., R. 19 W. Drilled in November 1948. This well was an exploratory irrigation well drilled to the depth of 85 feet and has a 12" conductor pipe that reduces to 8" at the hole. This well is a geothermal well and is not in use at this time.
- No. 2 A-36-B Well is 2368 feet south and 1131 feet east from the N4 corner of Section 7, T 25 S., R. 19 W. Drilled in 1948 to a depth of 95 feet and deepened by Burgett in 1983 to a depth of 225 feet with a pilot hole. It has 100 feet of 8" casing. This well is being used. It is a geothermal well. This well is used to head greenhouses #1 and #2.
- No. 3 A-36-AB-S Well is located 2570 feet south and 646 feet east of the N4 corner, Section 7, T 25 S., R. 19 W. This well was drilled by Burgett in 1979 to a depth of 115 feet and has 90 feet of 8" casing. This is a geothermal well and is not in use at this time.
- No. 4 A-36-AB-S-2 Well is located 3837 feet south and 2593 feet east from the N4 corner of Section 7, T 25 S., R 19 W. This well was drilled by Burgett in 1978 to a depth of 125 feet and has 8" casing to a depth of 90 feet. This is a cold water well and is not is use.
- No. 5 A-36-AB-S-3 Well is located 2102 feet south and 388 feet east from the N4 corner of Section 7, T. 25 S., R. 19 W. This well was drilled in 1980 to a depth of 225 feet by Burgett and is cased in 8" casing for 100 feet. Well is equipped with a 200 GPM Turbine pump and is being used for Greenhouse #1 and #2. It is a geothermal well.

No. 6 A-36-AB-S-4 Well is located 2558 feet south and 1235 east of the N4 corner of Section 7, T. 25 S., R. 19 W. This well was drilled in 1948 to a depth of 90 feet. Well is cased with 85 feet of 12" and 90 feet of 10" inside 12". Well is not in use and is a geothermal well.

- No. 7 A-36-AB-S-5 Well is located 2579 feet south and 505 feet east of the N4 corner of Section 7, T. 25 S., R. 19 W. Drilled in 1983 by Burgett to a depth of 550 feet. Well is cased with 8" casing to 150 feet, with 6" casing 100 feet. Well is equipped with a 250 GPM Turbine pump. In 1993 the well was test pumped. Well is not in use and is a geothermal well.
- No. 8 A-36-AB-S-6 Well is located 3067 feet south and 625 feet east of the N4 corner of Section 7, T. 25 S., R. 19 W. Drilled in 1983 by Burgett to a depth of 275 feet and is cased with 8" casing to a depth of 100 feet. This well is a geothermal well and is in use at this time. It is equipped with a 350 GPM Turbine pump. It is used to heat greenhouses #3, #4, and #5.
- No. 9 A-36-AB-S-7 Well is located 3351 feet south and 1020 feet east from the N4 corner of Section 7, T. 25 S., R. 19 W. Well was drilled by Burgett in 1984 to a depth of 130 feet and 8" casing to 100 feet. Well is a geothermal well and is not being used.
- No. 10 A-36-AB-S-8 Well is located 2941 feet south and 1001 east from the N4 corner of Section 7, T. 25 S., R. 19 W. Well was drilled by Burgett in 1984 to a depth of 175 feet and cased with 8" casing to 100 feet and equipped with a 250 GPM Turbine pump. This well is a geothermal well and is in use all the time. It is used for Greenhouse #4, #5, #6 and #7.
- No. 11 A-36-AB-S-12 Well is located 2571 feet south and 240 feet east from the N4 corner of Section 7, T. 25 S., R. 19 W. Well was drilled by Oasis Drilling in 1982 to a depth of 125 feet and cased with 8" casing to 100 feet. This well is not used, the water is not hot enough. Not classed as a geothermal well.

- No. 12 A-36-AB-S-13 Well is located 2594 feet south and 225 feet west of the N4 corner of Section 7, T. 25 S., R 19 W. Well was drilled by Burgett in 1983 to a depth of 275 feet and cased with 8" casing to 150 feet. This well is a dry hole, there is no water and not used.
- No. 13 A-64 Well is located 4102 feet south and 140 feet west from the N4 corner of Section 7, T. 25 S., R. 19 W. Well was drilled by Folk in 1940 to a depth of 250 feet. This well is rated at 1000 GPM and has a Turbine pump without motor, not in use and has not been pumped in ten (10) years.
- No. 14 A-65-A Well is located 5215 feet south and 122 feet west of the N4 of Section 7, T. 25 S., R. 19 W. Drilled by Folk in March 1951 to a depth of 150 feet. It has a 250 GPM Turbine pump. Not in use and has not been used in ten (10) years.
- No. 15 A-65-AS Well is located 2621 feet south and 2004 feet west from the N4 corner of Section 7, T. 25 S., R. 19 W. Drilled by Folk in 1959 for irrigation well. Has 1000 GPM Turbine pump. Not in use. Has not been pumped in ten (10) years.
- No. 16 A-231 Well is located 2548 feet south and 1118 feet west from the N4 of Section 7, T. 25 S., R. 19 W. Folk irrigation well drilled in 1957 to a depth of 126 feet and cased with 6" casing. Well not in use. Is not a geothermal well.
- No. 17 A-45 Well is located 1427 feet south and 112 feet east of the NW corner of Section 12, T. 25 S., R. 20 W. Well was drilled in 1984 by Burgett to a depth of 150 feet and cased with 6" PVC with a submergible pump. This is a fresh water well and is in use.
- No. 18 A-45-S-2 Well is located 1521 feet south and 165 feet east from the NW corner of Section 12, T. 25 S., R. 20 W. Drilled in 1984 by Burgett to a depth of 150 feet and cased with 6" PVC with a submergible pump. This is a fresh water well and is in use.

- No. 19 A-45-S-3 Well is located 1541 feet south and 130 feet east of the NW Corner of Section 12, T. 25 S., R. 20 W. Well was drilled in 1984 by Burgett to a depth of 150 feet and cased with 6" PVC with a submergible pump. This is a fresh water well and is in use.
- No. 20 A-13-S Well is located 1234 feet south and 3755 feet east from the NW corner of Section 13, T. 25 S., R. 20 W. No information on this well. It has a Turbine pump and 18" casing. Pumped for one (1) year. Not a geothermal well.
- No. 21 A-13-S-3 Well is located 1292 feet south and 2930 feet east from the NW corner of Section 13, T. 25 S., R. 20 W. Well was drilled in 1940 and has a Turbine pump. Pumped one (1) year and is not in use at this time. No other information on this well. Not a geothermal well.
- No. 22 A-59-A Well is located 1292 feet south and 2930 feet east from the NW corner of Section 13, T. 25 S., R. 20 W. No information on this well. Not in use. Pumped one (1) year. Not a geothermal well.
- No. 23 Proposed Located 1373 feet south and 6540 feet east of the NW corner of Section 13, T. 25 S., R. 20 W. Test Well never drilled.
- No. 24 A-51 Well is located 1391 feet south and 1223 feet east of the NW corner of Section 14, T. 25 S., R. 20 W. Well drilled by Burgett to a depth of 275 feet with 16" casing all the way and has a 60 HP submergible pump that pumps 1100 GPM. This well is in use all the time and is not a geothermal well. It is a fresh water well.
- No. 25 A-53-S Well is located 59 feet north and 240 feet west from the E4 corner of Section 10, T. 25 S., R. 20 W. This well is a irrigation well drilled in the 1950's with a pipe to the south. Fresh water and not a geothermal well.

No. 26	A-53	Well is located 88 feet north and 76 feet west from the E4 corner of Section 10, T. 25 S., R. 20 W. This is an irrigation well drilled in the 1950's with pipe to the south. Fresh water and not a geothermal well.
No. 27		Well is located 2918 feet south and 1519 feet east from the N4 corner of Section 7, T. 25 S., R. 19 W. Drilled in 1989 by Burgett to a depth of 151 feet and cased with 10" casing to 100 feet. Equipped with a 450 GPM Turbine pump. Well is a geothermal well and is used.
No. 55-7		The deep exploratory well was drilled by AMAX and it is capped. The Plugging Plan

All wells are shown on the drawing with the exception of 20 through 26. These fall into two different sections that are privately owned and the wells are cold water irrigation type wells.

was approved in November 1985 with Steam Reserve Corporation as lessee/operator.

While some of these wells may be used as down hold heat exchangers, most of these wells are observation determining formation and hot water production.

#### PLAN OF UTILIZATION

I.	Desci	riptic	on of Structures
	A.	Map c	of Facility Locations
	(See	drawi	ng made of complete project)
	в.	Purpo	ose of Each Facility
		1.	GREENHOUSES: To grow roses for commercial cut rose business.
		2.	GRADING/PACKING BUILDING: Roses are graded, packaged, refrigerated, and packed out for sale.
ï		3.	STORAGE BUILDING: Boxes are stored and assembled along with holding other supplies as necessary.
		4.	GENERATOR BUILDING: Houses generators and other equipment necessary for the physical plant.
		5.	SHOP BUILDING: For equipment and vehicle repairs.
	c.	Scher	natic Flow Diagram
	(See	attad	ched drawing made of Schematic Flow Diagram)
	D.	Schee	dule of Construction Activities
		1.	Completion of Greenhouses #8 and #9 by November, 1993.
		2.	Anticipated construction of new grading/packing house within the next three years to be constructed to the south of the existing grading/packing building where mobile

homes are now located.

3. Anticipated construction or placement of mobile office building at an undecided location within next three years.

#### II. Reports

(See attached reports from State Engineers Office)

III. Tests

(See attached reports from Oil Conservation Department)

IV. Map of Roads

(See attached drawing of operation)

V. Water Supply to be Utilized

- A. Source: Water from geothermal wells are used to circulate in greenhouses.
- B. Quality: Water from the hottest wells will be utilized.
- C. Consumption Rate: 125 GPM to 400 GPM but not continuously.
- VI. Waste Waters
  - A. Waste waters from geothermal wells are discharged to the west into a ditch for drinking water for livestock. It is considered potable water and has no saline.
- VII. Environmental Protection
  - A. The water from the geothermal wells does not harm the environment because the water is either returned to the well or discharged into a ditch for livestock.
- VIII. Monitoring Facility Operations
  - A. Flow Meters: There are flow meters in all five geothermal wells being used.
  - B: Monitoring Devices: Temperature sensors and totalizers in gallons and BTU using analogues.
- IX. Narrative Statement

#### Revised June 1972

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## STATE ENGINEER OFFICE

## WELL RECORD

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b. Tract No	)	of Map No.		of	the				<u> </u>	
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		_ feet, Y=			t, N.M. Coordir	ate Syster	m		Zone i Gran	
B) Drilling Co	ntractor	Evere	tt D.	Burgett		Lic	ense No	WD 248		
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Section 6. LOG OF HOLE			

#### Section 7. REMARKS AND ADDITIONAL INFORMATION

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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller V Ľ

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form the form the state Engineer of the State Engineer of the section 1(a) an accurately as possible when any well is drilled, repaired or deepened.

# STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(4) 0	f well	Bur		estment,	_	Ow	'- W/-	11 N -	
	Post Office Ac	idressSta	r Route,	Box 265-	A	Uw	nerswe		
City and	State	Ani	mas, New	Mexico	88020				
Well was drilled	l under Permit	No. <u>A-3</u>	6-AB-S-14	4	_ and is locat	ed in the:			
a <u>NW</u>	_ ¼ <u>SW</u> ½	4NW ¼	¼ of Sec	tion <u>12</u>	Township	<u>25 S</u> R	ange	20_W	N.M.P.M
b. Tract	No	of Map No		of th	e		<u></u>		
c. Lot N	0	of Block No		of th	e				
Subdi	vision, recorde	d in		(	County.		-		
		_ feet, Y=			.M. Coordina	te System		Ē	Zone in Grant
B) Drilling (	Contractor	Dale Bur	gett	·····	<u></u>	License No	WD	248	
							- Si	6	
						Botany	S	ize of hole_	in.
						ft. Total dep			
Completed wel		hallow 🗀 ar				ter upon completi			
Completed we	ک است دنی						UI UI WI	~11	
Depth	in Feet	Secti Thickness	ion 2. PRINC	CIPAL WATE	R-BEARING	STRATA		Estimated	Vield
From	То	in Feet	E	Description of	Water-Bearing	g Formation	(	gallons per i	
95	150	55	y.	ravel			11	nlom	m
		L							
			Section	3. RECORD	OF CASING				
Diameter (inches)	Pounds	Threads	Depth		Length	Type of S	hoe	·	rations
(inches)	per foot	per in.	Тор	Bottom	(feet)			From	To
6 5/8	PVC	·	0	150				100	150
				······					
				·					
	<u> </u>	Sectio			DING AND CH				<u> </u>
	in Feet	Hole	Sack		ubic Feet			Placement	
From	To	Diameter	of Mu	ıd c	of Cement				
0	10	7.8	<b></b>		5	hand	mi	1	
							/		
···									<u></u>
	<u> </u>	1	<u> </u>				·	<u></u>	
			Section	n 5. PLUGGI	NG RECORD			* 2 -	<del>ر</del> ے
								ر الله الله الله الله الله الله الله الل	
					No.	Depth Top	in Feet Bot		ubic Feet
Date Well Plug	ged						BOU		<del>س</del>
Plugging appro	wed by:								
		State Engi	neer Represe	entative					
			FOR USE	OF STATE E	NGINEER O	NLY		<u> </u>	
Date Received	October	5, 1989				FWL		ECI	
<b></b>									
File No	<u>A-36-AB</u>	5-14	<u> </u>	Use Sup	Vell	Location No	23.2		

Revised June 1972

			Section 6. LOG OF HOLE
Depth	in Feet	Thickness	Color and Turner of Material Encountered
From	То	in Feet	Color and Type of Material Encountered
0.	95	95	Clary Saver Stringers
95	150	45	brand
<u></u>			
	<u> </u>		
- <u></u>			
·····			
<u> </u>		<u> </u>	
<u></u>			
	<u> </u>		· · · · · · · · · · · · · · · · · · ·
<u>. , , ,</u>	·		
******			
<u></u>			
	<u> </u>		
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Jal Swap 1 a

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

## STATE ENGINEER OFFICE

Revised June 1972

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WE	LL	RECORD	

	C		1	. GENERAL IN			e ::::::::::::::::::::::::::::::::::::	1	,	
Street or	Post Office A	defress Run	I Rou	tr			Owner			
~		No. A:36						. <u></u>		
				_				10		
		•		,			25 Ran	-		и.Р.М.
b. Tract	No	of Map No		of the						<u></u>
		of Block No d in								<u> </u>
				feet, N.I	M. Coordir	ate S	ystem			-
	Contractor		Isill	ing			_ License No4		16	
							88020			
	•				•		Petery			
							/			
Elevation of lai	nd surface or _	·					ft. Total depth			
Completed wel	lis 📈 s	shallow 🗆 ar	tesian.	]	Depth to w	vater u	ipon completion	of well	61	ft.
Denth	in Feet	T	ion 2. PRIN	CIPAL WATER	R-BEARIN	G STF	RATA	E-time of		
From	To	Thickness in Feet	I	Description of V	Vater-Beari	ng Fo	ormation	_	ted Yield per minute	e)
60	108	48	Au	and a b	have	2		2065	egal	/
. 120	180	60	_ Å	ruel 8	Sand	)		<i>L</i> -	·	
220	260	40	Con	glome	rate				/	
				0						
	• ······		Sectio	n 3. RECORD	OF CASIN	G				
Diameter (inches)	Pounds per foot	Threads per in.	Depth Top	in Feet Bottom	Length (feet)		Type of Sho	e Pe Fron	erforation: n 7	s Го
8 5/8	Phickness 188	welded	0	260	20	10	NA	12	2 14	44
- /a -	v	~					<u>_</u>	720		0
	<u> </u>	Sectio	an 4 RECO	RD OF MUDDI				l		
	in Feet	Hole	Sack	s Cu	ibic Feet			d of Placemer	 nt	
From	То	Diameter	of M		Cement		<u></u>	1912 - <del></del>		<u> </u>
······································								<u></u>		
	 							<u></u>		
					<u></u>		·			
			Sectio	n 5. PLUGGIN	G RECOR	D	· · · · · · · · · · · · · · · · · · ·			
Plugging Contr	actor							2 <b>2</b>		
					N	0.	Depth		Cubic F	
						1	Top	Bottom 🗃	of Cem	ent
Plugging appro	ved by:					2		ন্য		
		State Engi	neer Repres	entative	+	3			<u> </u>	
			FOR USE	OF STATE EN						
Date Received	Apri]	L 4, 1988	I OK USE				FWL		FSL	
	A 06	- A R - C - F								
File No.	<u>A-36-</u>	-ND-9-3		<u>Use Suppr</u>	-meillal	<u> </u>	_ocation No2	2.12.1.23	<u></u>	

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C OF HOLE	Section 6. LO
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. REMARKS AND ADDITIONAL INFORMATION	Section 7		
	<u> </u>		
			- <u> </u>
			·
manushin	5h	096	518
grained	_5	518	3/ E
24 202	35	012	381
Sand	50	5.81	291
gund	°E	.757	130
" and ment	21	561	7 3/
queel	88	801	
Sand & quant	07	<i>ot.</i>	0-7
Sand	<i>h</i>	0-7	<del>ک</del> ر.
quint	4	7-5	55
Jund	ε	517	•1/2
Jump	2	9 /1	oh
they will kingen fame	35	ak	07
clary	01	01	0
Color and Type of Material Encountered	in Feet	оТ	Erom
	Thickness	in Feet	Depth

described hole. The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above

Dritter Beau

of the State Engineer. All sections, ext Section 5, shall be answered as completely "Currately as possible when any well is drilled, repaired or deepened. When this total used as a plugging record, only Section 1(a). "Dection 5 need be completed. INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office

#### Revised June 1972

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## STATE ENGINEER OFFICE WELL RECORD

					0110				,
			Section	1. GENERAL I	NFORMATION		<u>,</u>		0 1 G 1
A) Owner	of well		Burget	t <u>Investme</u> i	nt, Inc.	Own			
Street	or Post Office A	ddress	Star R	oute, Box	265-A				
City a:	nd State		Animas	, New Mexi	<u>co 88020</u>				
'ell was drij	led under Permit	t No	<u>A-36-A</u>	B-S-10	_ and is located	in the:			
a	¼NW ½	/4 <u>SW</u> 1/4 <u>N</u>	<u>₩_</u> ¼ of S	ection <u>12</u>	Township _2_	<u>5 S</u> Ra	ange <u>20 W</u>		N.M.P.N
b. Tra	ct No	of Map No		of the	e				
	No division, recorde				e County.		<del>_ , ,, , , , _ , , _ , , , _ , , _ , , _ , , _ , , _ , , _ , </del>		
					.M. Coordinate S				
3) Drillin	g Contractor	Dale	Burgett			_ License No	WD-2	48	
ddress		Star	Route,	<u>Box 265-A</u> ,	Animas, Ne	ew Mexico	88020		
rilling Bega	in <u>09/84</u>	Comp	leted	09/84	_ Type tools!	Rotary	Size of	f hole_	<u>7_7/8</u> in
levation of	land surface or .		· · · · · · · · · · · · · · · · · · ·	at we	11 is	_ ft. Total dept	h of well	16	5ft
ompleted v	vell is XXX s	shallow 🗆 ar			Depth to water		n of well		50 f1
Dep	th in Feet	Sect Thickness			R-BEARING ST		Esti	mated	Yield
From	То	in Feet		Description of	Water-Bearing F	ormation	(gallo	ns per i	minute)
<u></u>				·····					
				on 3. RECORD	OF CASING			<u> </u>	
Diameter (inches)	Pounds per foot	Threads		in Feet	Length (feet)	Type of St			rations
			Тор	Bottom				100	To
6" 1	<u>·vu</u>						I GIN		165
	<u>_</u>	Sectio	on 4. RECC	DRD OF MUDD	I ING AND CEMI	ENTING	ť	ວ ວ	<b></b>
	th in Feet	Hole	Sac		ubic Feet	Meth	nod of Place	ment	
From	To	Diameter	of M	1ud o	f Cement				
		-							
		-				<del>ر این اور ایر ایر ایر ایر ایر</del>			
<u> </u>		, <b>-</b>	Secti	on 5. PLUGGI	NG RECORD				
	ntractor					Depth i	n Feet		ubic Feet
	thod				No.	Top	Bottom		f Cement
are well []	~ 00 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				[ ]			1	

Date Well Plugged Plugging approved by:		$-\frac{1}{2}$			
	State Engineer Representative	<u>3</u>			
	FOR USE OF STATE ENG	GINEER ON	LY		

## Date Received March 16, 1988

Quad \_\_\_

\_\_\_\_\_ FWL \_\_\_\_\_ FSL\_\_\_

File No. <u>A-36-AB-S-10</u> Use <u>Supplemental Well</u> 25.20.12.131

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	-	_			
HOLE	OŁ	<b>LOG</b>	.9	Section	

			· · · · · · · · · · · · · · · · · · ·
			<u></u>
	<u> </u>		<u> </u>
Color and Type of Material Encountered	Thickness Thickness	To To	From Depth

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

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INSTRUCTIONS: This form should be completed in triplicate, preferably typewritten, and teed to the appropriate district office of the State Engineer. All sections, exc., the to be answered as completely completely as possible when any well is diffied, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

	(Complete Form in Triplicate)	
'83 MAR 16 PH 4 43	ROOF OF COMPLETION OF W	/ELL
	Permit No	<u>A-36-AB<sub>0</sub>S-10</u>
Name of Water Bille Dener	Burgett Investment	<u> Inc.</u>
Mailing address HM	Star Route, Box 26 Animas, New Mexico	88020
City and State	Allinas, New Hexico	00020
Permit is for supplement	al well from	shallow ground water
(supplemental wel	l, change location of well)	shallow ground water (artesian or shallow)
Description of well:		
Located in the <u>NW</u> 4 <u>SW</u> 4	$M_{4}$ , of Sec. <u>12</u> Twp. <u>25S</u>	Rge. 20W N.M.P.M., or Tract No.
or map No or the	District; total deptn	, <u>165</u> feet; is well cased <u>yes</u> ;
		if artesian, is well equipped with gat
valve; date driffed	September 1984; Name of d	riller <u>Dale Burgett</u>
Record of Pumping Test, if mad	e (to be supplied by person or fin	m making test); Name and address of
person making test,		
person making test,1 date of test1	9; depth to water before test	feetland surface,
date of test1	9; depth to water before test	,feetland surface, (above, below)
and pumping level during test,	feet; length of test,ho	feetland surface, (above, below) ours; average discharge,G.P.M.;
and pumping level during test,	9; depth to water before test feet; length of test,ho gals./min. per foot of drawdown.	m making test); Name and address of 
and pumping level during test, specific capacity of well,	feet; length of test,ho	feetland surface, (above, below) ours; average discharge,G.P.M.;
and pumping level during test, specific capacity of well, Permanent Pump Equipment:	feet; length of test,ho gals./min. per foot of drawdown.	ours; average discharge,G.P.M.;
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make_	feet; length of test,ho gals./min. per foot of drawdown. Goulds ; 7	Submersible
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch	feet; length of test,ho gals./min. per foot of drawdown. Goulds; 7 nes; if turbine type, give size of	Type Submersible Giameter of
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowlsinches; number	feet; length of test,ho gals./min. per foot of drawdown. Goulds; T nes; if turbine type, give size of of bowls; length of suc	Type Submersible column,2 inches; diameter of crion pipefeet; total length of
and pumping level during test, specific capacity of well, . Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowlsinches; number column, bowls and suction pipe	feet; length of test,ho gals./min. per foot of drawdown.  Goulds; T nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type,	Type Submersible column,2 inches; diameter of ction pipefeet; total length of give size of pump inches:
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowlsinches; number column, bowls and suction pipe	feet; length of test,ho gals./min. per foot of drawdown.  Goulds; T nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type,	Type Submersible column,2 inches; diameter of ction pipefeet; total length of give size of pump inches:
and pumping level during test, specific capacity of well, . Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known	feet; length of test,ho gals./min. per foot of drawdown.  mes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, ),90_G.P.M., atrev. per	ours; average discharge,G.P.M.;         TypeSubmersible;         column,2inches; diameter of         ction pipefeet; total length of         give size of pumpinches;         r min., from a depth offeet.
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known	feet; length of test,ho gals./min. per foot of drawdown.  mes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, ),90_G.P.M., atrev. per	TypeG.P.M. TypeSubmersible column,2inches; diameter of ction pipefeet; total length of give size of pumpinches r min., from a depth offeet.
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant:	feet; length of test,ho gals./min. per foot of drawdown. ; 7 nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, 	Type Submersible column, inches; diameter o ction pipe feet; total length o give size of pump inches r min., from a depth of feet. Type Electric
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant:	feet; length of test,ho gals./min. per foot of drawdown. ; 7 nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, 	Type Submersible column, inches; diameter o ction pipe feet; total length o give size of pump inches r min., from a depth of feet. Type Electric
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available)	feet; length of test,ho gals./min. per foot of drawdown. ; 7 nes; if turbine type, give size of of bowls; length of suc ; type of drive connection Make; type of drive connection	Durs; average discharge,G.P.M.         TypeSubmersible         column,inches; diameter o         ction pipefeet; total length o         give size of pumpinches         r min., from a depth offeet.         TypeElectric         n to pump(direct, gearhead, or belt)
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available) (c) Actual discharge of pump,	feet; length of test,ho gals./min. per foot of drawdown. Goulds; T nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, ; feet; if centrifugal type, ; type of drive connection G.P.M., atrev. per	Durs; average discharge,G.P.M.         TypeSubmersible         column,inches; diameter o         ction pipefeet; total length o         give size of pumpinches         r min., from a depth offeet.         TypeElectric         n to pump(direct, gearhead, or belt)
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available)	feet; length of test,ho gals./min. per foot of drawdown. Goulds; T nes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, feet; if centrifugal type, 	Durs; average discharge,G.P.M.         TypeSubmersible         column,inches; diameter o         ction pipefeet; total length o         give size of pumpinches         r min., from a depth offeet.         TypeElectric         n to pump(direct, gearhead, or belt)
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available) (c) Actual discharge of pump, Date of test	feet; length of test,ho gals./min. per foot of drawdown. foot of drawdown. ; 1 hes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, ; type of drive connection ; type of drive connection ; type of drive connection ; type of drive connection	Durs; average discharge,G.P.M.         TypeSubmersible         column,inches; diameter o         crion pipefeet; total length o         give size of pumpinches         r min., from a depth offeet.         TypeElectric         n to pump(direct, gearhead, or belt)         er min., from a depth of feet
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowls inches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available) (c) Actual discharge of pump, Dare of test	feet; length of test,ho gals./min. per foot of drawdown. foot of drawdown. ; 1 hes; if turbine type, give size of of bowls; length of suc feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, feet; if centrifugal type, ; type of drive connection ; type of drive connection ; type of drive connection ; type of drive connection	Type Submersible column, inches; diameter o ction pipe feet; total length o give size of pump inches r min., from a depth of feet. Type Electric
and pumping level during test, specific capacity of well, Permanent Pump Equipment: (a) Description of pump: Make size of discharge2 inch bowlsinches; number column, bowls and suction pipe if other type, describe rated capacity of pump (if known (b) Description of power plant: rated horsepower (if available) (c) Actual discharge of pump, Date of test If reservoir is used, give approximation	feet; length of test,ho gals./min. per foot of drawdown. foot of drawdown. ; 1 ; 1 _; 1	Durs; average discharge,G.P.M.         TypeSubmersible         column,inches; diameter of         column,feet; total length of         give size of pumpinches         r min., from a depth offeet.         TypeElectric         n to pump(direct, gearhead, or belt)         er min., from a depth offeet

Name of plugging contractor\_\_\_\_\_

8. Well Record filed with State Engineer's Office <u>yes</u> · (March 16, 1988) (Yes or No)

I, <u>Dale Burgett</u>, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am the <u>agent for</u> owner and holder of said water right. (sole, partial, agent for, etc.,)

Burgett Investment, Inc. , Permittee salt-By

Describe plugging method \_

#### STATEMENT OF STATE ENGINEER'S REPRESENTATIVE

I hereby certify that I have inspected the above well and find it constructed in accordance with the conditions of the permit. Note any exceptions \_\_\_\_\_\_

\_rpm.

Well	was producing gp	n against	a	_head of	feet	at .	
			(measured) (estimated)				

Old well has been \_\_\_\_\_\_\_(plugged) (capped) (retained for other rights) .

JB allin By: David B. Allison Water Resource Specialist Title: \_\_\_ Date: \_\_\_ March 16, 1988



#### Revised June 1972

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## STATE ENGINEER OFFICE WELL RECORD

				WELL R	ECORD			0 /		
			Section 1	. GENERA	L INFOR	MATION	Ç,	L.		
Owner of v	well					-	•	er's Well No		
Street or P	ost Office Ad	ldress				<i>H</i>				
City and S	tate		Animas,	New Mer	<u>x1C0 8</u>	8020	·····			
as drilled 1	under Permit	No	A-36-AB	-S-11	and	is located	in the:			
a	1/4 <u>NW</u> 1/4	<u>SW</u> ¼	NW ¼ of Se	ection <u>12</u>	Tc	wnship	<u>25 S</u> R	ange20	W	N.M.P.I
o. Tract N	0	of Map No.	<u>-</u>	of	the	·				
Drilling Co	ontractor	Da	le Burge	tt			License No	W	D-248	
									hole	7 7/8
Depth ir	n Feet							Esti	mated Y	rield
·····	То	in Feet		Description	of Water	-Bearing F	ormation			
						<u>-</u>				
									<u></u>	88
			Sectio	on 3. RECO	RD OF C	ASING				HAD
	Pounds	Threads	Depth	in Feet	L	ength	Type of SI			ations
ches)	per foot	per in.	Тор	Bottom	n	(feet)			57	To
PVC						i.		H.	<b>2</b> 100	<u> </u>
									71 72	-
							······································			
		Secti	on 4. RECO	RD OF MU	DDING A	AND CEM	ENTING			
r		Hole	Sac	ks	Cubic F	Feet		hod of Place	ment	
rom	То	Diameter	ot M	lud	of Cem	lent				
		· · · · · · · · · · · · · · · · · · ·								······
<b>_</b>	······································					l				
n n C a star	- 4				GING RÉ	ECORD				
						N	Depth i	n Feet	Cu	bic Feet
						140,	Тор	Bottom	of	Cement
						$\frac{1}{2}$				
ng approv	- <b>-</b>									
ng approv	·					3				
ng approv		State Eng	ineer Repres	sentative		4				
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- T

File No. A-36-AB-S-11 Use Supplemental Well 25.20.12.131

7. REMARKS AND ADDITIONAL INFORMATION	Section (		
Color and Type of Material Encountered	Thickness in Feet	n Feet To	From Depth i
Section 6. LOG OF HOLE	<u></u>	· ·	

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

I

Driller フ R' 6-

INSTRUCTIONS: This form should be completed in triplicate, preferably typewritten, and but teed to the appropriate district office of the State Engineer. All sections, exc. tion 5, shall be answered as completely to be and Section 1(a) and Section 5 need be completed. drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

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(Complete	Form	10	Trip	licate¥
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*88 HAS 15	PM	4 PROOF OF	COMPLETION OF	WELL
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Permit No. <u>A-36-AB-S-11</u>

1.	Name of Water Right Owner EER Burgett Investment, Inc.
	Mailing address AM Star Route, Box 265-A
	City and State Animas, New Mexico 88020
_	
2.	Permit is for       supplemental well       from       shallow       ground water.         (supplemental well, change location of well)       (artesian or shallow)
	· · · · · · · · · · · · · · · · · · ·
3.	Description of well:
	Located in the <u>NW 14</u> SW 14 NW 14, of Sec. <u>12</u> Twp. <u>255</u> Rge. <u>20WN.M.P.M.</u> , or Tract No
	of Map No of the District; total depth, feet; is well cased <u>yes</u> ; outside diameter of top casing (or hole, if uncased), <u>6</u> inches; if artesian, is well equipped with gate
	valve; date drilled <u>September 19 84</u> ; Name of driller <u>Dale Burgett</u> .
4.	Record of Pumping Test, if made (to be supplied by person or firm making test); Name and address of person making test,;
	person making test,
	(above, below) and pumping level during test,feet; length of test,hours; average discharge,G.P.M.;
	specific capacity of well, gals./min. per foot of drawdown.
5.	Permanent Pump Equipment:
	(a) Description of pump: Make Goulds; Type Submersible;
	size of discharge inches; if turbine type, give size of column, inches; diameter of
	bowlsinches; number of bowls; length of suction pipefeet; total length of column, bowls and suction pipefeet; if centrifugal type, give size of pumpinches:
	if other type, describe rece, if continuing type, give size of pump menes:
	if other type, describe; rated capacity of pump (if known), 40 G.P.M., atrev. per min., from a depth offeet.
	(b) Description of power plant: Make; Type <u>Electric</u> ;
	rated horsepower (if available); type of drive connection to pump(direct, gearhead, or belt)
	(c) Actual discharge of pump,G.P.M., atrev. per min., from a depth offeet; Date of test19
	Date of test
6.	If reservoir is used, give approximate size: length feet; width; depth
-	
/.	If above well replaced an old well to be plugged or abandoned, fill out the following: the well abandoned is located in the1/41/4 of Sec, Twp, Rge
	Describe plugging method
	Name of plugging contractor
8.	Well Record filed with State Engineer's Office yes .(March 16, 1988)
	(Yes or No)
<del></del>	
I,_	Dale Burgett, affirm that the foregoing statements are true to the best of my knowledge
ап	d belief and that I am the agent for owner and holder of said water right.
	(sole, partial, agent for, etc.,)
	Burgett Investment, Inc, Permittee
	, Permittee
By	Labourst
,	
	STATEMENT OF STATE ENGINEER'S REPRESENTATIVE
	ereby certify that I have inspected the above well and find it constructed in accordance with the conditions
01	the permit. Note any exceptions
₩e	ell was producing gpm against ahead offeet atrpm. (measured) (estimated)
0	d well has been (plugged) (capped) (retained for other rights)
	(plugged) (capped) (retained for other rights)
	O Realling
B	: Dand B. allem David B. Allison
	itle: <u>Water Resource Specialist</u>
Da	ate: March 16, 1988



· B3 110 30	AM	10	03
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139988 D \$25 00

Revised August 1967

acres.

Owner

			122200 D 222.00
IMPORTAN STATE ENGINEER STATES NM SUPPLEMENTAL	APPLICATION		
	Appropriate the Underground V		
Date Received Aug	<u>gust 30, 1988</u>	File No. A-36-AB-	<u>S-14</u>
Mailing address	Burgett Investment, Star Route, Box 265- Animas, New Mexico	A	
2. Source of water sup	plyshallow water aqui	ferlocated in Anim	as Valley
	(artesian or shallow water aqui	fer)	(name of underground basin)
Range 20 W.	ocated in the <u>NW</u> <u>14</u> <u>N.M.P.M., or Tract Noof Ma Burgett Investment</u>		TownshipDistrict,
•	: name of driller inches;	Approximate depth to be	drilledfeet;

5. Quantity of water to be appropriated and beneficially used 530.256 \_\_\_\_\_\_acre feet, per annu (consumptive use, diversion) forgeothermal uses, irrigation within greenhouses and related purposes.

6. Acreage to be irrigated or place of use\_

#### Subdivision Section Township Range Acres

For supplemental appropriation of shallow groundwater not to exceed 530.256 acre-feet per annum from all combined sources measured at the wells for geothermal uses and irrigation within greenhouses and related purposes located in the SW4NE4 and the NW4SE4 of Section 7.Township 25 South, Range 19 West, N.M.P.M.

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·····			 	<u>,</u>		
				se.		
	 	·	 			

7. Additional statements or explanations. Water from this well will be comingled with water from seventeen (17) wells for the supplemental appro-cn priation of 530.256 acre-feet of water per annum and described as follows:

as follows:			-24	σ
WELL NO.	SUBDIVISION	SECTION	TOWNSHIP	RANGE
A-36-A	SELSWLNEL	7	25 S	19 W
A-36-B	SEZSWZNEZ	7	25 S	IA M
A-36-AB-S	SWASWANEA	7	25 S	19 W
A-36-AB-S-2	NEŻNWŻSEŻ	7	25 S	<u>    19  W</u>
A-36-AB-S-3	SWASWANEA	7	25 S	19 W
A-36-AB-S-4	SEASWANEA	7	25 5	<u>19 M</u>
A-36-AB-S-5	SWASWANEA	7	25 S	<u>    19  w</u>
A-36-AB-S-6	NWANWASEA	7	25 S	19 W
A-36-AB-S-7	NEŁNWŻŚEŁ	7	25 S	19 W
A-36-AB-S-8	NEŻNWŻSEŻ	7	25 S	19 W
A-36-AB-S-10	NWZSWZNWZ	12	25 S	20 W
A-36-AB-S-11	NWASWANWA	12	25 S	20 W
A-36-AB-S-12	SWASWANEA	7	25 S	19 W
A-36-AB-S-13	SEASEANWA	7	25 S	19 W
A-64	NEZSEZSWZ	7	25 S	19 W
A-65-A	SEZSEZSWZ	7	25 S	19 W
A-65-A-S	SWASWANWA	7	25 S	- 19 W

I, Dale Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

Investments, Inc. Burgett ., Permittee, sing By: Ī 14 LIA Subscribed and sworn to before me this A.D., day of GG My commission expires Notary Public

#### VICTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engi-

		rer 3	R. Q. Rogers Supervisor, Distri	_:۲۹
		6	Reynolds, State Engineer	'∃ "S
	ay of December	pjsī	sidi lese das das das que est	¥itne
61 '	led on ot before	ii od llada osu laizidonod	f of application of water to	Prool
68 61 '	November 30	be filed on ot before	lisda lləw to noisəlqmos to t	Proof
. <u>dinom gniwollol ed</u> i	тоте тре 30тр day of 1	0 8803T, 00 01 be	ηθωτης, Νέω Μέχτο	
.448 xol .0.9 .921	gineer, District 3 Of	d to the State En	shall be submitted	
edine calendar month	εττεά άμτίης τhe prece	unt of water div	Records of the am	3.
. State Engineer.	tions acceptable to the	nner and at locat	em s ni ballstani	
νρε αρρτονεά by and	or hour meters of a t	laing meters and/	measured by total	
ad fleds barrd	from all sources com		The total amount	5.
	enhouses and related	<u>gation within gre</u>	thermal use, irri	
-cermit for sec-	red at the wells under	per annum measur	530.256 acre-feet	<u> </u>
beezxe ton <u>llshe</u> benid	from all sources com	οξ ωατει diverted	The total amount	<u>.</u> [
scher subject to the following	wells be complied with; and fur		pertaining to the drilling of . tions:	

#### SNOILDUALSNI

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accutately.

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Sec. 5---Itrigation use shall be stated in acte feet of water pet acte pet annum to be applied on the land. If for municipal of other purposes, state total quantity in acte feet to be used annually.

Sec. 6-Describe only the lands to be ittigated of where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by meres and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---Il lands are ittigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

## STATE ENGINEER OFFICE

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Revised June 1972

## WELL RECORD

					NFORMATIO	N		
(A) Owner of	f well <u>Bla</u>	ill Con	pany	of new	metico	Owner	's Well No	3
Street or City and	Post Office Ad State	dress star	NM	88020			· · · · · · · · · · · · · · · · · · ·	
Well was drilled						*84 APR 2	AM 10 41	
			/			a m mo.		
						SAUTA	e 20 u	<u>/N.M.P.M</u> .
b. Tract	No	of Map No.		of the	•	SALIA FE.L.	<u>M. 87501</u>	
	o vision, recorded							
				feet, N.	.M. Coordinate	System		Zone in Grant.
(B) Drilling (	Contractor	Dasis h	Prilling	<u> </u>		License No	UD 806	
Address Pe	Box 4	36	Anima	es Nu	880:	20		
Drilling Began	23 Jan	84 Comp	leted	Jel - 84	_ Type tools ∡	Cotary	Size of hole	in.
Elevation of la	nd surface or _	approp	mately	at we	ll is 4300	ft. Total depth	of well	15ft.
Completed wel	-		rtesian.			r upon completion		,
								1t.
Depth	in Feet	Thickness			R-BEARING S		Estimated	Yield
From	То	in Feet		Description of	Water-Bearing	Formation	(gallons per	minute)
65	80	15	_ cli	y & gri	wel		10	
105	145	40	9	rauel			50	
			0					
L		L	Sectio	n 3. RECORD	OF CASING			
Diameter	Pounds	Threads		in Feet	Length	Type of Sho	Perf	orations
(inches)	per foot	per in.	Тор	Bottom	(feet)		From	To
10/200	.188 usll	NA	0	10	10	Cemented a	Surface C.	eving
85/8'00	.188 unl	welled	0	139-3''	139-3"	N/A	65	140
L			·					
r			on 4. RECO	RD OF MUDD	ING AND CEN	MENTING	11 Martin	
Depth From	in Feet To	Hole Diameter	Sacl of M		ubic Feet f Cement	Metho	d of Placement	
						······································	້	
	· · · · · · · · · · · · · · · · · · ·							
		<u> </u>	<u> </u>			<u>m</u> x m		
			Sectio	on 5. PLUGGIN	NG RECORD	DEMING,	i	
Plugging Contr	actor					<u> </u>		
Plugging Metho	od bc				No.	Depth in Top		Cubic Feet of Cement
Date Well Plug Plugging appro	-				1 2		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
		State Eng	ineer Repres	entative	3			
Date Received	March 12	, 1984	FOR USE		NGINEER ON			
				-		FWL _		SL
File No	<u>A-45-S-3</u>	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u></u>	Use_SuppI Irriga	lemental ation Well	_ Location No2	5.20.12.12	

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. REMARKS AND ADDITIONAL INFORMATION	7 noitos2		
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manuert		08 59	
- the free of the second secon	01		22
Am & Land	51	22	2/1
	-5/	94	32
Clant	58	52	0
Color and Type of Material Encountered	Thickness in Feet	n Feet To	From Depth
Section 6. LOG OF HOLE			<u></u>

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Detlet hlen mans

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, e. at certion 5, shall be answered as completel. The section 5 need be completed. drilled, repaired or deepened. When this are based as a plugging record, only Section 1(2, at certion 5 need be completed.

OIL CONSERVE ON DIVISION RECTORED

## '93 AUR 30 AM 9 00

August 27, 1993

Kathy Brown New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87504

Re: Approved Discharge Plan for Geothermal Facilities

Dear Ms. Brown:

We are requesting to renew our discharge plan. Enclosed you will find a check for \$50 for the filing fee.

We will be submitting additional information as it becomes available in the next few weeks. The submittal will follow the guidelines that have been made available to us.

Sincerely,

Hagler

Betty D. Beagles, Director Burgett Geothermal Greenhouses, Inc. P.O. Box 1618 Roswell, NM 88202 505/623-7616 Fax/623-0540

Location Address: Box 265-A Animas, NM 88020 505/548-2353

enclosure

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. 8827 adated 8/37/93, or cash received on  $\frac{9/c_1/c_13}{50.00}$  in the amount of \$ 50.00 from Burgett Geothermal Greenhouses Inc. For <u>Burgett Gesthermal Greenhouse</u> <u>GW-41</u> (Provide Name) (DP Na.) \_\_\_\_Date: Submitted by: Submitted to ASD by: Rethinstorm Date: 9/9/93 Received in ASD by: Mar and Date: 9/9 Filing Fee X New Facility \_\_\_\_ Renewal \_\_\_\_ Modification \_\_\_\_ Other \_\_ Organization Code 521.07 Applicable FY 94 To be deposited in the Water Quality Management Fund. Full Payment or Annual Increment 8827 BURGETT GEOTHERMAL GREENHOUSES. INC. HC 65 BOX 265-A 505/548-2353 95-82/1122 ANIMAS, NM 88020 8/27 19 53 PAY TO THE NEW MEXICO O.I CONSERVATION DIVISION \$5000 ty AND NO DOLLARS WOST CITTE BATTIK LONDERUNG, NEW MEXICO BED FOR even Dischange P

P.01 NM O.I CONSU. Burger Geotherman Conthe 80 ::)[-PAGES HE DOING THIS HEASH AND AND HAX# 623-0590 HHUNE #: 623-7616 SUBJECT Discharge unic 8/201/ 9 = MESSAGE Request and according of Irm

August 27, 1988

David Boyer New Mexico Oil Commencement Pivision P.O. Box 2088 Santa Fe, New Margada (Septim

Re: Discharge Flam ope Sectormal Facilities

Dear Mr. Boyes

I just became aware on three discharge plan last weekend. Since it seems to be a problem with Mr. Burgett, who is my father, to complete such a plan, have initiated the necessary steps to complete the plan by obtaining the information and tests required.

We are in the load shages of completing the discharge plan for our operation. The person who is doing the detailed drawings needs to do ap an airs inspection of the greenhouses. Since he had prior commitments this week, he is unable to make the inspection undim the first weekend of September.

We request that a thirty-way extension be given so that we may accurately complete our Discharge Plan for submittal to you.

We would like to add me you that in the future all submittals will be made mamely. I may be reached at 623-7616 in Roswell, New Mexico. By Houseel address is P.O. Box 1618, Roswell, New Mexico.

Sincerely,

Betty/D. Beaglack Disercence Burgett Geothermal Breenbacews, Inc. Box 265 A Animas, NM 88088 • :

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STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

July 12, 1993

Mr. Dale Burgett Burgett Geothermal Greenhouses, Inc. Box 265A Animas, New Mexico 88020

#### RE: **CORRECTION - Discharge Plan GW-41 Extension** Burgett Greenhouses, Inc. Hidalgo County, New Mexico

Dear Mr. Burgett:

On June 29, 1993 the New Mexico Oil Conservation Division (OCD) granted Burgett Greenhouses, Inc. an extension to discharge without an approved discharge plan until September 1, 1993. The date on the first page of this approval letter was incorrect and read July 29, 1993, instead of the correct date of June 29, 1993.

This correction does not effect your time limit of September 1, 1993, to discharge without an approved discharge plan. I am sorry for any inconvenience that this may have caused you.

If you have any questions please do not hesitate to contact me at (505) 827-5884.

Sincerely,

M.Brown

Kathy M. Brown Geologist

POST OFFICE BOX 2088

STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504

(505) 827-5800

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

POST OFFICE BOX 2088

STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504

(505) 827-5800

BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

July 29, 1993

#### CERTIFIED MAIL RETURN RECEIPT NO. P-667-241-995

Mr. Dale Burgett Burgett Geothermal Greenhouses, Inc. Box 265A Animas, New Mexico 88020

### RE: Discharge Plan GW-41 Extension Burgett Greenhouses, Inc. Hidalgo County, New Mexico

Dear Mr. Burgett:

The Oil Conservation Division (OCD) has received your request dated June 18, 1993, for an extension to discharge without an approved discharge plan. The discharge plan for the Burgett Geothermal Greenhouses Inc., expired on April 16, 1992. Burgett Greenhouses requested an agricultural exemption from the discharge plan requirement pursuant to Water Quality Control Commission (WQCC) Regulation 3-105. Based on the quality of the geothermal water being discharged and the fact that the primary purpose of the geothermal water is not agriculture, the OCD denied this request on May 18, 1993.

Pursuant to WQCC Regulation 3-106.A., and for good cause shown, Burgett Greenhouse is granted an extension to discharge without an approved discharge until September 1, 1993.

To aid you in submitting your discharge plan renewal application I have enclosed a copy of the Guidelines for the Preparation of Ground Water Discharge Plans at Geothermal Installations.

Pursuant to New Mexico WQCC Regulation 3-114 every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus one-half of the flat fee or for geothermal wells, six-hundred and ninety (690) dollars.

Mr. Dale Burgett June 29, 1993 Page 2

The \$50 filing fee is due at the time the discharge plan renewal application (GW-41) is submitted and is nonrefundable. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval.

Please make all checks out to the NMED - Water Quality Management and send to the OCD Santa Fe Office. If you have any questions please call Kathy Brown at (505) 827-5884.

Sincerely, William J. LeMay, Director WJL/kmb

xc: Roy Johnson, OCD Santa Fe Office



Energy, Minerals and Natural Resources Department Post Office Box 2088 State Land Office Building Santa Fe, New Mexico 87504

RE: Discharge Plan GW-41

Dear Sirs

I request an extension of time to file discharge plan renewal application.

Because of the complexity, and BLM requirements of metering. Plans are not complete please advise.

Sincerely

Dale Burgett

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

POST OFFICE BOX 2088

STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504

(505) 827-5800

BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

May 18, 1993

### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. P-667-241-986</u>

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

### RE: Discharge Plan GW-41 Burgett Greenhouse Hidalgo County, New Mexico

Dear Mr. Burgett:

The New Mexico Oil Conservation Division (OCD) has reviewed your December 30, 1992 request for an agricultural exemption from the discharge plan requirement pursuant to Water Quality Control Commission (WQCC) regulations. The discharge plan GW-41 for Burgett Greenhouse located in Section 7, Township 25 South, Range 19 West, NMPM, Hidalgo County, New Mexico, expired on April 16, 1992.

Based on the analytical results (enclosed) of the geothermal water being discharged onto the ground surface which demonstrates that the effluent exceeds WQCC groundwater standards, a discharge plan is required for your facility. In addition, the OCD has determined that your facility does not qualify for the agricultural exemption since the primary purpose use of the geothermal water is for heating and not agriculture.

## Burgett Greenhouse is required to submit a discharge plan renewal application to the OCD by June 21, 1993.

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 every billable facility submitting a discharge plan renewal will be assessed a fee equal to the

Mr. Dale Burgett May 18, 1993 Page 2

filing fee of fifty (50) dollars plus one-half of the flat fee or for geothermal wells, six-hundred and ninety (690) dollars.

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The \$50 filing fee is due at the time the discharge plan renewal application (GW-41) is submitted and is nonrefundable. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval.

Please make all checks out to the NMED - Water Quality Management and send to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,

William J. LeM

Director

WJL/kmb

xc: Roy Johnson, OCD Santa Fe Office Robert Stovall, OCD General Counsel Charles O'Donnell, Bureau of Land Management STATE OF NEW MEXICO

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION P.O. Box 4700

Albuquerque, NM 87196-4700

700 Camino de Salud, NE [505]-841-2500

WATER CHEMISTRY SECTION [505]-841-2555

March 15, 1993

Request ID No. 022251

## ANALYTICAL REPORT

SLD Accession No. WC-93-0269

**Distribution** 

(\_\_) User 70320 (I) Submitter 260 (X) SLD Files

To: K. Brown NM Oil Consv. Div. State Land Office Bldg. P.O. Box 2088 Santa Fe, NM 87504-2088 From: Water Chemistry Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

A water, Nonpres/No sample submitted to this laboratory on February 4, 1993 Re:

#### **DEMOGRAPHIC DATA** LOCATION **COLLECTION** Produced Water On: 2-Feb-93 *By*: Bro . . . Burgett Greenhouse, Animas At: 10:30 hrs. In/Near: Animas ANALYTICAL RESULTS

Analysis	Value	<u>D. Lmt.</u>	<u>Units</u>	
calcium	22.00		mG/L	
magnesium	< 1.00		mG/L	
potassium	24.00		mG/L	
ortho phosphate	404.00		mG/L	
bicarbonate	89.90		mG/L	
carbonate	13.30		mG/L	
chloride	110.00		mG/L	
fluoride	15.46		mG/L	
sulfate	675.00		mG/L	
total diss resid	1480.00		mG/L	

**Reviewed By:** 

Bryan S. Patterson 03/15/93 Analyst, Water Chemistry Section

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION P.O. Box 4700 700 Camino de Sa

700 Camino de Salud, NE [505]-841-2500

AIR & HEAVY METALS SECTION [505]-841-2553

May 3, 1993

To:

Request ID No. 022252

Kathy Brown

P.O. Box 2088

NM Oil Consv. Div. State Land Office Bldg.

Santa Fe, NM 87504-2088

# ANALYTICAL REPORT

SLD Accession No. IC-93-0134

<u>Distribution</u>

(\_\_) User 70320

(**■**) Submitter 260 (**※**) SLD Files

From: Air & Heavy Metals Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

Re: A water sample submitted to this laboratory on February 4, 1993

Albuquerque, NM 87196-4700

#### **DEMOGRAPHIC DATA**

C	OLLECTION	LOCATION
On: 2-Feb-93 At: 10:30 hrs.	By: Bro In/Near: Animas	Produced Water
<i>////</i> 10.50 mis.		Burgett Greenhouse, Animas

ANALYTICAL RESULTS in mG/L

Analysis		Value	Analysis		Value	Analysis		Value
Aluminum	<	0.10	Cobalt	<	0.05	Nickel	<	0.10
Barium	<	0.10	Copper	<	0.10	Silicon		1.80
Beryllium	<	0.10	Iron	<	0.10	Silver	<	0.10
Boron		0.50	Lead	<	0.10	Strontium		0.50
Cadmium	<	0.10	Magnesium		0.20	Tin	<	0.10
Calcium		20.00	Manganese	<	0.05	Vanadium	<	0.10
Chromium	<	0.10	Molybdenum	<	0.10	Zinc	<	0.10

**Reviewed By:** 

Jim F. Ashby' 05/04/93 Supervisor, Air & Heavy Metals Section

**DEPARTMENT OF HEALTH** 

SCIENTIFIC LABORATORY DIVISION P.O. Box 4700 Albuquerque, NM 87196-4700

700 Camino de Salud, NE [505]-841-2500

AIR & HEAVY METALS SECTION [505]-841-2553

September 15, 1993

Kathy Brown

P.O. Box 2088 Santa Fe, NM

NM Oil Consv. Div.

State Land Office Bldg.

87504-2088

Request ID No. 022250

To:

# **ANALYTICAL REPORT**

SLD Accession No. IC-93-0140

**Distribution** (\_\_) User 70320

(**\_**) Submitter 260 (X) SLD Files

From: Air & Heavy Metals Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

A water, Nonpres/No sample submitted to this laboratory on February 4, 1993 Re:

	DEMOGRAPHIC DATA				
С	OLLECTION	LOCATION			
On: 2-Feb-93 At: 9:00 hrs.	<i>By:</i> Bro <i>In/Near:</i> Animas	Discharge Water to ditch Burgett			

# ANALYTICAL RESULTS in mG/L

Analysis		Value	<u>Analysis</u>		Value	Analysis	_	Value
Aluminum		0.10	Cobalt	<	0.05	Nickel	<	0.10
Barium	<	0.10	Copper	<	0.10	Silicon		65.00
Beryllium	<	0.10	Iron	<	0.10	Silver	<	0.10
Boron		0.60	Lead	<	0.10	Strontium		0.50
Cadmium	<	0.10	Magnesium		0.10	Tin	<	0.10
Calcium		20.00	Manganese	<	0.05	Vanadium	<	0.10
Chromium	<	0.10	Molybdenum	<	0.10	Zinc	<	0.10

Laboratory Remarks: Acidified at SLD.

Reviewed By:

09/15/93 Jim F. Ashby Supervisor, Air & Heavy Metals Section

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION P.O. Box 4700 700 Camino de Sa

700 Camino de Salud, NE [505]-841-2500

WATER CHEMISTRY SECTION [505]-841-2555

March 24, 1993

Request ID No. 022249

# ANALYTICAL REPORT

SLD Accession No. WC-93-0274

To: Kathy Brown NM Oil Consv. Div. State Land Office Bldg. P.O. Box 2088 Santa Fe, NM 87504-2088 <u>Distribution</u> (\_\_) User 70320

(■) Submitter 260 (<u>※</u>) SLD Files

From: Water Chemistry Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

Re: A water, Nonpres/No sample submitted to this laboratory on February 4, 1993

Albuquerque, NM 87196-4700

# DEMOGRAPHIC DATA COLLECTION LOCATION On: 2-Feb-93 By: Bro . . . At: 9:00 hrs. In/Near: Animas Burgett Greenhouse, Animas Burgett Greenhouse, Animas

#### ANALYTICAL RESULTS

			~ ~ = = ~		
Anal	ysis	Value	D. Lmt.	<u>Units</u>	
calcium		20.00		mG/L	
magnesiu	m <	1.00		mG/L	
potassiu	m	18.00		mG/L	
sodium		310.00		mG/L	
bicarbon	ate	84.50		mG/L	
carbonat	e	0.00		mG/L	
chloride		84.70		mG/L	
fluoride		12.00		mG/L	
sulfate		524.00		mG/L	
total di	ss resid	1176.00		mG/L	

Reviewed By:

Mary M Perkins 03/22/93 Analyst, Water Chemistry Section

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 Albuquerque, NM 87196-4700

700 Camino de Salud, NE [505]-841-2500

WATER CHEMISTRY SECTION [505]-841-2555

March 30, 1993

Request ID No. 022253

Kathy Brown

P.O. Box 2088 Santa Fe, NM

NM Oil Consv. Div. State Land Office Bldg.

To:

# ANALYTICAL REPORT

SLD Accession No. WC-93-0276

<u>Distribution</u> (\_\_) User 70320 (■) Submitter 260 (※) SLD Files

From: Water Chemistry Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

Re: A water, Nonpres/No sample submitted to this laboratory on February 4, 1993

87504-2088

	_	DEM	OGRAPHIC	DATA			
COLLECTION			LOCATION				
On: 2-Feb-93	<i>By:</i> Bro		Ľ	itch Water			
<i>At:</i> 11:00 hrs.	In/Near: Animas	Burget Greenhouse, Animers					
	_	ANA	LYTICAL RES	SULTS			
	Analysis		Value	D. Lmt.	Units		
(	Calcium		37.00		mG/L		
r	nagnesium	<	1.00		mG/L		
3	potassium		20.00		mG/L		
5	sodium		369.00		mG/L		
]	picarbonate		125.00		mG/L		
(	carbonate		0.00		mG/L		
(	chloride		90.00		mG/L		
:	fluoride		11.50	<u> </u>	mG/L		
\$	sulfate		615.00		mG/L		
+	total diss resid		1332.00		mG/L		

**Reviewed By:** 

Bryan S. Patterson 03/29/93 Analyst, Water Chemistry Section

DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION P.O. Box 4700 Albuquerque, NM 87196-4700

700 Camino de Salud, NE [505]-841-2500

AIR & HEAVY METALS SECTION [505]-841-2553

May 3, 1993

Request ID No. 022254

# **ANALYTICAL REPORT**

**Distribution** 

(\_\_) User 70320 (I) Submitter 260

(※) SLD Files

SLD Accession No. IC-93-0135

To: Kathy Brown NM Oil Consv. Div. State Land Office Bldg. P.O. Box 2088 Santa Fe, NM 87504-2088 From: Air & Heavy Metals Section Scientific Laboratory Div. 700 Camino de Salud, NE Albuquerque, NM 87106

Re: A water, Nonpres/No sample submitted to this laboratory on February 4, 1993

DEMOGRAPHIC DATA					
C	OLLECTION	LOCATION			
On: 2-Feb-93 At: 11:00 hrs.	<i>By:</i> Bro In/Near: Animas	Ditch Water Burgett Greenlouse, Animas			

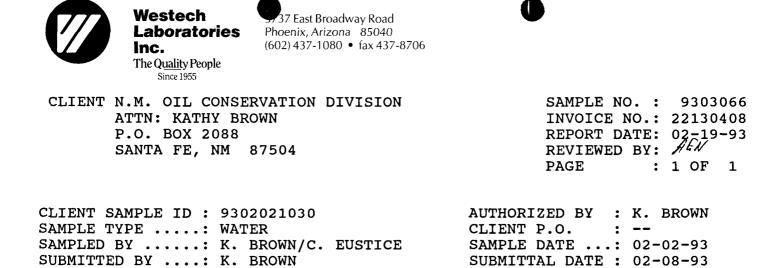
ANALYTICAL RESULTS in mG/L

Analysis		Value	Analys	is	Value	Analysis		Value
Aluminum		0.30	Cobalt	<	0.05	Nickel	<	0.10
Barium	<	0.10	Copper	<	0.10	Silicon		0.60
Beryllium	<	0.10	Iron	YMAX	0.20	Silver	<	0.10
Boron		0.40	Lead	<	0.10	Strontium		0.70
Cadmium	<	0.10	Magnesi	um	0.50	Tin	<	0.10
Calcium		34.00	Mangane	se <	0.05	Vanadium	<	0.10
Chromium	<	0.10	Molybde	num <	0.10	Zinc	<	0.10

Laboratory Remarks: Digested. Acidified at SLD.

**Reviewed By:** 

Jim F. Ashb 05/04/93 Supervisor, Air & Heavy Metals Section



#### Cation / Anion Balance

SAMPLE SOURCE ...: BURGETT PRODUCED WATER

DAT	A TA	BLE		
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Calcium:	19.	mg/L	0.05	02-18-93
Total Magnesium	0.41	mg/L	0.10	02-18-93
Total Potassium	23.	mg/L	1.0	02-17-93
Total Sodium	330.	mg/L	0.05	02-18-93
Carbonate	61.	mg/L	2.0	02-11-93
Bicarbonate	24.	mg/L	2.0	02-11-93

EXTRACTION DATE: --

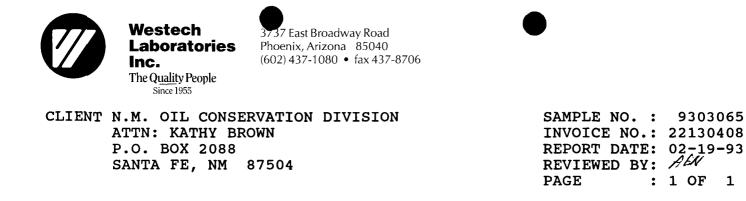
Westech Laboratories Inc. The Quality People Since 1955	9737 East Broadway Road Phoenix, Arizona 85040 (602) 437-1080 • fax 437-8706	
CLIENT N.M. OIL CONSEF ATTN: KATHY BRO P.O. BOX 2088 SANTA FE, NM 8	OWN	SAMPLE NO. : 9303066 INVOICE NO.: 22130408 REPORT DATE: 02-19-93 REVIEWED BY: AGN PAGE : 1 OF 1
CLIENT SAMPLE ID : 9302 SAMPLE TYPE: WATE SAMPLED BY: K. E SUBMITTED BY: K. E SAMPLE SOURCE: BURG	ER BROWN/C. EUSTICE	AUTHORIZED BY : K. BROWN CLIENT P.O. : SAMPLE DATE: 02-02-93 SUBMITTAL DATE : 02-08-93 EXTRACTION DATE:

# Inorganic Chemistry - Total Metals

DAT	Α ΤΑΗ	ВLE		
Dawamataw	Result	Unit	Detection Limit	Analysi
<u> </u>	<0.05	mg/L	0.05	_ <u>Date</u> 02-15-93
Total Barium	0.08	mg/L	0.05	02-15-9
Total Cadmium	<0.05	mg/L	0.05	02-15-9
Total Chromium	<0.05	mg/L	0.05	02-15-9
Total Lead	<0.05	mg/L	0.05	02-15-9
Total Mercury	0.004	mg/L	0.001	02-17-9
Total Selenium	<0.05	mg/L	0.05	02-15-9
Total Silver	<0.05	mg/L	0.05	02-15-9

M. Mehi Managing Director

(1) Copy to Client



CLIENT SAMPLE ID : 930	02020900	AUTHORIZED BY :	K. BROWN
SAMPLE TYPE: WAT	TER	CLIENT P.O. :	
SAMPLED BY K.	BROWN/C. EUSTICE	SAMPLE DATE:	02-02-93
SUBMITTED BY: K.	BROWN	SUBMITTAL DATE :	02-08-93
SAMPLE SOURCE: BUI	RGETT DISCHARGED WATER	EXTRACTION DATE:	

#### Inorganic Chemistry - Total Metals

DAT	A TA	BLE		
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Arsenic	<0.05	mg/L	0.05	02-15-93
Total Barium	0.06	mg/L	0.05	02-15-93
Total Cadmium	<0.05	mg/L	0.05	02-15-9
Total Chromium	<0.05	mg/L	0.05	02-15-93
Total Lead	<0.05	mg/L	0.05	02-15-93
Total Mercury	<0.001	mg/L	0.001	02-17-93
Total Selenium	<0.05	mg/L	0.05	02-15-9
Total Silver	<0.05	mg/L	0.05	02-15-93

Managing Director

Westech Laboratories Inc. The Quality People Since 1955	
CLIENT N.M. OIL CONSERVATION DIVISION ATTN: KATHY BROWN P.O. BOX 2088 SANTA FE, NM 87504	SAMPLE NO. : 9303065 INVOICE NO.: 22130408 REPORT DATE: 02-19-93 REVIEWED BY: <i>Abd</i> PAGE : 1 OF 1
CLIENT SAMPLE ID : 9302020900 SAMPLE TYPE: WATER SAMPLED BY: K. BROWN/C. EUSTICE SUBMITTED BY: K. BROWN SAMPLE SOURCE: BURGETT DISCHARGED WATER	AUTHORIZED BY : K. BROWN CLIENT P.O. : SAMPLE DATE: 02-02-93 SUBMITTAL DATE : 02-08-93 EXTRACTION DATE:

# Cation / Anion Balance

DAT	A TA	BLE		
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Calcium	17.	mg/L	0.05	02-18-93
Total Magnesium	0.42	mg/L	0.10	02-18-93
Total Poťassium	18.	mg/L	1.0	02-17-93
Total Sodium	270.	mg/L	0.05	02-18-93
Carbonate	<2.0	mg/L	2.0	02-11-93
Bicarbonate	72.	mg/L	2.0	02-11-93

M. Gudi Managing Director

Westech Laboratories Inc. The Quality People Since 1955	Y
CLIENT N.M. OIL CONSERVATION DIVISION ATTN: KATHY BROWN P.O. BOX 2088 SANTA FE, NM 87504	SAMPLE NO. : 9303067         INVOICE NO.: 22130408         REPORT DATE: 02-19-93         REVIEWED BY: ACM         PAGE       : 1 OF 1
CLIENT SAMPLE ID : 9302021100 SAMPLE TYPE: WATER	AUTHORIZED BY : K. BROWN CLIENT P.O. :

SAMPLED BY .....: K. BROWN/C. EUSTICE SUBMITTED BY ....: K. BROWN SAMPLE SOURCE ...: BURGETT DITCH WATER

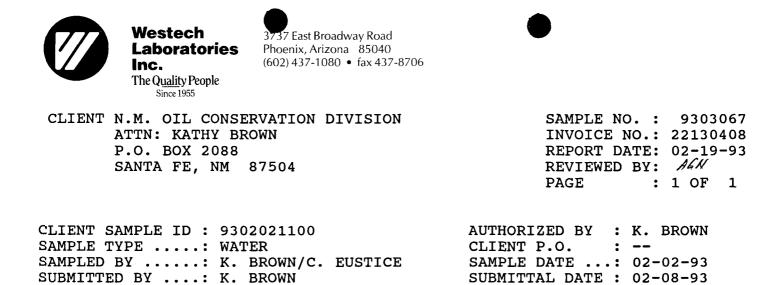
Westech

SAMPLE DATE ...: 02-02-93 SUBMITTAL DATE : 02-08-93 EXTRACTION DATE: --

#### Inorganic Chemistry - Total Metals

DAT	A TA	BLE		
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Arsenic	<0.05	mg/L	0.05	02-15-93
Total Barium	<0.05	mg/L	0.05	02-15-93
Total Cadmium	<0.05	mg/L	0.05	02-15-93
Total Chromium	<0.05	mg/L	0.05	02-15-93
Total Lead	<0.05	mg/L	0.05	02-15-93
Total Mercury	<0.001	mg/L	0.001	02-17-93
Total Selenium	<0.05	mg/L	0.05	02-15-93
Total Silver	<0.05	mg/L	0.05	02-15-93

Managing Director



#### Cation / Anion Balance

SAMPLE SOURCE ...: BURGETT DITCH WATER

DAT	A TA	BLE		
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Calcium	31.	mg/L	0.05	02-18-93
Total Magnesium	1.7	mg/L	0.10	02-18-93
Total Potassium	19.	mg/L	1.0	02-17-93
Total Sodium	300.	mg/L	0.05	02-18-93
Carbonate	<2.0	mg/L	2.0	02-11-93
Bicarbonate	100.	mg/L	2.0	02-11-93

EXTRACTION DATE: --

STATE OF NEW MEXICO				
CONSERVATION DIVISION	ANDUM OF MEETING	G OR CONVERSATIO	)N	
Zelephone Personal	Time L1:30 P	Date 3	11/93	
Originating Party	ţ.	-	Other Parties	
Kathy Brown		RoyH	ankos	
- OCD (phonel	Doick)	-B	Lm Lar (n	rces
	eenhove			
-Ond o	. — V	ince tora	ith	
Diacussion Feder	al Regul	ations_	·····	
Noncompliance				
Chapter 43 of	CFR, TI		reral frand	 1
Statues under	•	Working.	n comina	
<u>case.</u> Blm	has min		•	
Burgett has not			1.th	
of the fede BLM plans to	cal poque	Anon 15 an	nd the	
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Conclusions or Agreements BLM	wants O	() to sen	d a cont	
of the discharge				
accompanies subse			X	3
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				fr '
<u>stribution</u>	Sig	aned Kathen	B	

Attn. John Hawkos-Ranger Operations US-Dept. of Interior BLM Las Cruces District 1800 marguess Las Cruces, NM 88005



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

١,

#### BRUCE KING GOVERNOR

January 5, 1993

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

ANITA LOCKWOOD CABINET SECRETARY

> CERTIFIED MAIL RETURN RECEIPT NO. P-667-241-934

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

## RE: Notification of Inspection Burgett Greenhouse, Discharge Plan GW-41 Hidalgo County, New Mexico

Dear Mr. Burgett:

The New Mexico Oil Conservation Division (OCD) has received your December 30, 1992 reply to the OCD's "Notification of Cessation of Discharge" dated December 10, 1992. Your reply states that your operation is 100% agriculture is therefore exempt from the discharge plan requirement. The OCD will conduct an onsite investigation of your facility to determine if your operation requires a discharge plan pursuant to Water Quality Control Commission Regulations.

OCD Environmental Bureau staff Kathy Brown and Chris Eustice will inspect your facility on Tuesday morning, February 2, 1993. If this is not an acceptable time please notify the OCD immediately so another time may be arranged.

If you have any questions concerning the inspection procedure or time, please contact Kathy M. Brown at (505) 827-5884.

Sincerely,

Roger C. Anderson Environmental Bureau Chief

xc: Roy Johnson, OCD Santa Fe Office



December 30, 1992

TO: ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT Attn.: William J. LeMay, Director

Please be advised that I am exempt under OCD regulations. This operation is 100 % agriculture. Water that is pumped, is from shallow water basin in the Animas Valley District. All water is a potable water and is pumped under a water rights used on land that the water is pumped from and under direction of the State Engineers office. As you know I have contended the exemption exists. If you would, respond to this , if you do not agree that I am exempt.

Signed,

rle bluger

Dale Burgett

December 10, 1992

#### **CERTIFIED MAIL**

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

### RE: Notification of Cessation of Discharge Burgett Greenhouse, Discharge Plan GW-41 Hidalgo County, New Mexico

Dear Mr. Burgett:

On July 13, 1992, the Oil Conservation Division (OCD), sent a compliance letter requiring "Burgett Greenhouse to cease all discharges immediately upon receipt of this letter. Operations may not recommence until a discharge plan renewal application is submitted to the OCD and Burgett Greenhouse receives OCD approval to restart operations". Burgett Greenhouse received this letter on July 16, 1992, and responded verbally by telephone to the OCD on July 17, 1992, stating that you would either submit a discharge plan renewal application or apply for an exception to the discharge plan requirement. The OCD granted Burgett Greenhouse verbal approval to continue operations under the stipulation that they would submit the appropriate materials immediately.

The OCD has made numerous attempts to work with Burgett Greenhouse to meet the necessary requirements in a practical, efficient, manner to avoid the situation above. As of this date, the OCD has received no information concerning renewal or a request for an exemption from the discharge plan requirement. As a result continued operation by Burgett Greenhouses constitutes a continuing violation of law. Since you continue to ignore the rules and regulations the OCD has no choice but to resort to legal measures.

A discharge plan is required pursuant to both the New Mexico Water Quality Act 74-6-5 and the New Mexico Water Quality Control Commission (WQCC) Regulations Part Mr. Dale Burgett December 223, 1992 Page 2 \v2

3-104 and Part 5-101.B. In addition, the Geothermal Resources Conservation Act 71-5-8 and Rule G-4 of the OCD Geothermal Resources Rules and Regulations both require geothermal operations to be conducted in a manner that will afford protection to human life and health and to the environment.

Burgett Greenhouse is hereby directed to immediately cease all discharges. You may not resume operations until a OCD approves a discharge plan renewal and authorizes Burgett Greenhouse to operate.

If you do not cease operations immediately, the Division may enjoin your operation and seek civil penalties of up to \$1,000 per day per violation pursuant to 74-6-10.B. NMSA 1978 and \$5,000 per day under 74-6-5.P. NMSA 1978.

If you have any questions please contact Kathy M. Brown at (505) 827-5884.

Sincerely,

William J. LeMay, Director

#### xc: Roy Johnson, OCD Santa Fe Office

# P-106 ธิ⁄75 329

#### RECEIPT FOR CERTIFIED MAIL NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

	Sent to Mr. Dale Burg	jett			
	Street and No. Box 265 A				
	P.O. State and ZIP Code Animas, NM 88020				
	Postage	s			
	Certified Fee				
	Special Delivery Fee				
	Restricted Delivery Fee				
	Return Receipt showing to whom and Date Delivered				
JUNE 1985	Return Receipt showing to whom, Date, and Address of Delivery				
	TOTAL Postage and Fees	S			
2000	Postmark or Date				
PS FORM 38UU,					
PS T					

SENT BY:



BRUCE KING

GOVERNOR

12-20-92 ;10:26AM ; NM ENVIRONMENT FITT

State of New Mexico ENVIRONMENT DEPARTMENT Harold Runnels Building 1190 St. Francis Drive, P.O. Box 26110 Santa Fe, New Mexico 87502 (505) 827-2850

OFFICE OF GENERAL COUNSEL

5058275741:# 1

JUDITH M. ESPINOSA SECRETARY

RON CURRY DEPUTY SECRETARY

## FACSIMILE MESSAGE COVER SHEET

то

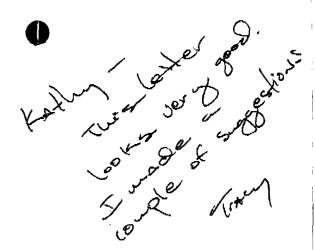
FROM

ATTENTION: Kuthy Brown	DATE: 11 20/92-		
SUBJECT:	NAME: - IFA - + (ushes		
DIVISION: OCD	DIVISION: Office of General Counsel		
FAX PHONE NO. 5-741	FAX PHONE NO. (505) 827-2836		
VERIFICATION PHONE NO.	TOTAL PAGES:		

ACTION REQUIRED:

High Priority \_\_\_\_\_ Low Priority

**MESSAGE:** 



November 18, 1992

CERTIFIED MAIL RETURN RECEIPT NO. P-667-241-874

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

RE: Notification of Cessation of Discharge Burgett Greenhouse, Discharge Plan GW-41 Hidalgo County, New Mexico

Dear Mr. Burgett:

On July 13, 1992, the Oil Conservation Division (OCD), sent a compliance letter requiring "Burgett Greenhouse to cease all discharges immediately upon receipt of this letter. Operations may not recommence until a discharge plan renewal application is submitted to the OCD and Burgett Greenhouse receives OCD approval to restart operations". Burgett Greenhouse receives OCD approval to restart operations". Burgett Greenhouse receives OCD on July 16, 1992, and responded verbally by telephone to the OCD on July 17, 1992, stating that they would either submit a discharge plan renewal application or apply for an exception to the discharge plan requirement. The OCD granted Burgett Greenhouse verbal approval to continue operations under the stipulation that they would submit the appropriate materials immediately. It has been approximately three and one-half months since your last correspondence, and as of this date, the OCD has received no information concerning renewal or a request for an exemption from the discharge plan requirement.

A discharge plan is required pursuant to both the New Mexico Water Quality Act Statue 74-6-5 and the New Mexico Water Quality Control Commission (WQCC) Regulations Part 3-104 and Fart 5-101.B. In addition, the Geothermal Resources Conservation Act Statue 71-5-8 and Rule G-4 of the OCD Geothermal Resources Rules and Regulations both require geothermal operations to be conducted in a manner that will afford protection to human life and health and to the environment. 20-92 ;10:27AM ; NM ENVIRONMENT

oo perday tourder

011,1 × 5 × 4 × 5 × 5 × 4 × 1 × 1 × 1 × 1 × 1 × 1 × 1

SENT BY:

Mr. Dale Burgett November 18, 1992 Page 2

Burgett Greenhouse is in violation of alter the statues and rules referenced in the above paragraph. The OCD requires Burgett Greenhouse to cease all discharges immediately upon receipt of this letter. Operations may not recommence until a discharge plan renewal application is approved by the OCD and Burgett Greenhouse receives OCD approval to restart operations.

Please note that it operations do not cease immediately upon receipt of this letter, then the Division May ascess pivil penalties of up to \$18,000 per day per didation.

A), 000The OCD has made numerous attempts to work with Burgett Greenhouse to meet the necessary requirements in a practical, efficients manner to avoid the situation above. However, since you continue to ignore the rules and regulation the OCD has no choice but to resort to legal measures. If you have any questions concerning the restart of your operations, please contact Kathy M. Brown at (505) 827-5884.

William J. LeMay Bob Stoval

XC: Roy Johnson, OCD Santa Fe Office BLM ???

	0
STATE OF NEW MEXICO OIL CONSERVATION DIVISION	G OR CONVERSATION
Telephone Personal Time 3:00 P.	Date M. 11/19/92
Originating Party	Other Parties
K.Brown - OCD	Tracy High-NMED General X-2836 Fax Counsel
Burget Greenhouse - Ehrfor	
	······································
Discussion yes, they often send letters discharge plan (new renaval). Typically	take it to district court in
the district the vibration is occur violation (ie not polluting) then usual	ly the courts don't look to
senous at it. If possible, best	
the letter. Typically try to suppose through several compliance letter	and get compliance
ge to court. Will fay Tr t let her connent on it.	al y our compliance letter
Conclusions or Agreements	
Sig	and Kathy Dorn

BURGETT GREENHOUSE LIST OF EVENTS (as of August 1992)

- <u>April 16, 1987</u>: Discharge Plan GW-41 approved.
- <u>August 7, 1991</u>: OCD notified Burgett of DP renewal.
- <u>January 1, 1992</u>: OCD notified Burgett of DP fees and reminded Burgett of DP renewal.
- <u>April 1, 1992</u>: OCD tried to reach Burgett by phone; not available, left message to return call.
- <u>April 16, 1992</u>: Discharge Plan GW-41 expired.
- <u>June 24, 1992</u>: OCD tried to reach Burgett by phone; not available, left message to return call.
- <u>July 13, 1992</u>: OCD notification to cease all discharges upon receipt of the letter.
- <u>July 17, 1992</u>: OCD phoned Burgett. Allowed Burgett to keep operating if he'd get something in immediently. Burgett agreed.
- July 18, 1992: OCD sent Burgett the renewal application since he stated he wasn't sure where the ones sent earlier were at.





## MEMORANDUM OF MEETING OR CONVERSATION

Time Date X Telephone Personal 1:30 P.M. 7/17/92 Other Parties Originating Party Kathy Brown Dale Burgott (returned call' iance letter telling him Response to OCD comp to cease discharge or may be fined # up U,0DO appy person. Docsid see why farmers don't this rule/discharge plan Feels that to comply with he's over regulated. Aiready State Engineer + BLM specific consistent Explained requirements. our situation of equal enforcement of the reg.s. said He wasnt the had the materials th T sent him D. IStated 11 him the internation send age hell comply or the to get a DP exception tob him what ever he does he'd better it suickly He said hed send something in as soon as he gets Got Burgetts attention. Not sure which action he'll take, but at least he's responde

tribution

Signed Kathi Bou



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

#### BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY July 13, 1992

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

#### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. P-667-241-869</u>

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

## RE: Notification of Cessation of Discharge Burgett Greenhouse, Discharge Plan GW-41 Hidalgo County, New Mexico

Dear Mr. Burgett:

On April 16, 1987, the ground water discharge plan, GW-41 for the Burgett Greenhouse located in Section 7, Township 25 South, Range 19 West, NMPM Hidalgo County, New Mexico, was approved by the Director of the Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years or until April 16, 1992. In a letter dated August 7, 1991 the OCD notified Burgett Greenhouse that the discharge plan would expire on April 16, 1992, and that an application for renewal of the discharge plan was required prior to its expiration.

The discharge plan GW-41 has been expired for approximately three months and Burgett Greenhouse has failed to submit a discharge plan renewal application.

The OCD requires Burgett Greenhouse to cease all discharges immediately upon receipt of this letter. Operations may not recommence until a discharge plan renewal application is submitted to the OCD and Burgett Greenhouse receives OCD approval to restart operations. If you feel that a discharge plan is not required for your facility pursuant to WQCC regulation 3-105, then you must submit the necessary information to obtain an OCD approved exemption from the discharge plan requirement.

Mr. Dale Burgett July 13, 1992 Page 2

Please note that if operations do not cease immediately upon receipt of this letter then the Division may assess civil penalties of up to \$10,000 per day.

Numerous attempts have been made to contact you and discuss options available to avoid the situation above. If you have any questions concerning your discharge plan renewal or exemption, please contact Kathy M. Brown at (505) 827-5884.

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Sincerely, William J. LeMay Director

xc: Roy Johnson, OCD Santa Fe Office

STATE OF NEW MEXICO OIL CONSERVATION DIVISION	IDUM OF MEE	TING OR CONV	ERSATION		
Z Telephone Personal	Time 9:22	Am	Date 6/24/92		
Originating Party		Other Parties			
K.M. Brown		mr	Mr. Dale Burgett		
(548-2353)				;	
DP Renewal Sub	mittal				
Are you going to	submi	tone?			
Are you going to If not will send	complia	ince lett	ēr	<u> </u>	
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stribution		Signed			

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#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING GOVERNOR

January 31, 1992

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

#### CERTIFIED MAIL RETURN RECEIPT NO. P-670-683-486

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

## RE: Discharge Plan Fee for GW-41 Burgett Greenhouse Hidalgo County, New Mexico

Dear Mr. Burgett:

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund." Enclosed is a copy of WQCC Rule 3-114 effective as of August 18, 1991.

The Oil Conservation Division (OCD) requested a discharge plan renewal application for the Burgett Greenhouse on August 7, 1991, and to date has not received the renewal application. Enclosed is a copy of the letter sent by the OCD notifying you of the discharge plan renewal. Since your discharge plan renewal application will be submitted after the effective date of the WQCC regulation 3-114 (discharge plan fee), your facility is subject to the fees.

Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus one-half of the flat fee or for geothermal wells, six-hundred and ninety (690) dollars.

The \$50 filing fee is due at the time the discharge plan renewal application (GW-41) is submitted and is nonrefundable. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval. Mr. Dale Burgett January 31, 1992 Page 2

Please make all checks out to the NMED - Water Quality Management and send to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,

Kathy Brown

Kathy M. Brown Environmental Geologist

#### Enclosure

xc: OCD Artesia Office Chris Eustice - OCD Hobbs Office



ENERGY, MINÉRALS AND NATURAL RESOURCES DL. ARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR

August 7, 1991

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

CERTIFIED MAIL RETURN RECEIPT NO. P-756-666-909

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

RE: Discharge Plan GW-41 Burgett Greenhouse Hidalgo County, New Mexico

Dear Mr. Burgett:

On April 16, 1987, the ground water discharge plan, GW-41 for the Burgett Greenhouse located in Section 7, Township 25 South, Range 19 West, NMPM, Hidalgo County, New Mexico, was approved by the Director of the Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on April 16, 1992.

If your facility continues to have effluent or leachate discharges and you wish to continue discharging, please submit your application for renew al of plan approval as quickly as possible. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can often extend for several months. Please indicate whether you have made, or intend to make, any changes in your discharge system, and if so, include an application for plan amendment with your application for renewal. To assist you in preparation of your renewal application, I have enclosed a copy of the OCD's guidelines for preparation of ground water discharge plans at natural gas processing plants. These guidelines are presently being revised to include berming of tanks, curbing and paving of process area susceptible to leak or spills and the disposition of any solid wastes. Please include these items in your renewal application.

If you no longer have such discharges a discharge plan renewal is not needed, please notify this office.

Mr. Dale Burgett August 7, 1991 -2-



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Please note that all gas plants, refineries and compressor stations in excess of 25 years of age will be required to submit plans for, or the results of, an underground drainline testing program as a requirement for discharge plan renewal.

If you have any questions, please do not hesitate to contact Roger Anderson at (505) 827-5884.

Sincerely,

David G. Boyer, Hydrogeologist Environmental Bureau Chief

DGB/sl

Enclosures

cc: OCD Artesia Office

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS GOVERNOR April 16, 1987

POST OFFICE EOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

CERTIFIED MAIL RETURN FFCEIPT REQUESTED

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

FE: Discharge Plan (GW-41) Burgett Greenhouse Animas, Hidalgo County

Dear Mr. Burgett:

The ground water discharge plan (GW-41) for the greenhouse located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico, is hereby approved.

The approved discharge plan consists of the plan received January 5, 1987, and the lab analyses and information received January 28, 1986 and March 9, 1987.

The discharge plan was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. It is approved pursuant to Section 3-109.F., which provides for the possible future amendments of the plan. Please be advised that the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters which may be actionable under other laws and/or regulations.

There will be no routine monitoring or reporting requirements other than those contained in the plan.

Please note that Section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C., you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any significant change in discharge water quality or volume.

Pursuant to Section 3-109.G.4, this plan approval is for a period of five (5) years. This approval will expire April 16, 1992 and you should submit an application for renewal in ample time before that date.

On behalf of the staff of the Oil Conservation Division, I wish to thank you for your cooperation during this discharge plan review.

Sincerely, WILLIAM J. LEMAY Director

WJL/JB/cr

cc: OCD - Roy Johnson

#### NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been amended and resubmitted for approval to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-41) Burgett Greenhouse, Dale Burgett, Box 265A, Animas, New Mexico 88020, has submitted for approval a ground water discharge plan for the facility located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico. A maximum volume of 336,000 gallons per day of cooled geothermal water with at total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground water is geothermal and has a TDS of 1195 at a depth of 60 feet.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN Under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March, 1987. To be published on or before March 20, 1987.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION (h). 00 WILLIAM J. Director LEMAY

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#### AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO	Ì
COUNTY OF HIDALGO	9

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says that he is the manager of the LORDSBURG LIBERAL, a weekly newspaper of general circulation, published in the City of Lordsburg, in said county and state, and has been such during the time hereinafter mentioned, and that the advertisement headed, ..... Lordsburg Liberal a copy of which is hereto attached, was printed and published in every copy of each issue of said newspaper for a period of ...... 1. consecutive weeks; to wit: first publication ...... March. 20......, 1937......; last publication ...... 19...... Publication fee \$...33...96..... (Plus Tax) STATE OF NEW MEXICO SS. **COUNTY OF HIDALGO** 312 ..... day of Subscribed and sworn to before me this ..... March 19.87 Linda S. Mar **Notary Public** My commission expires

Accounts are due and payable upon receipt of statement.

NSERVATION DIVISION AM J. LEMAY DIRECTOR

LEGAL Notice is hereby given that pursuant to New Mexico water Quality Control Commission Regulations. the following discharge plan application has been amended and resubmitted for approval m to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, 8 Telephone (505) 827-5800: (GW-41) Burgett Greenhouse, Dale Burgett. Box 265A, Animas, New Mexico 88020, 👘 h a s 🗿 submitted for approval a .ground water discharge plan <sup>38</sup> for the facility located in 3 Section 7, Township 25 South, Range 19 West, Hidalgo County, New, Mexico. A maximum<sup>2</sup> volume of 336,000 gallons per day of cooled geothermal water with a total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground water is geothermal and has a TDS of 1195 at depth of 60 feet. للمهدي أيسر المراسية

ٿ ٿي ان ا Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil. Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may a be submitted to him and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Directordetermines here is significant public interest. If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the -director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing. GIVEN Under the Seal of the New Mexico Oil Conservation Commission 🔮 at Santa Fe, New Mexico, on this 11th day of March, 1987. To be published on or before March 20, 1987. STATE OF NEW MEXICO OIL CONSERVATION DIVISION 🗄 WILLIAM J. LEMAY 🖉 💌 👘 🤌 🦮 DIRECTOR ===========



## UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE

Ecological Services Suite D, 3530 Pan American Highway NE Albuquerque, New Mexico 87107

March 23, 1987

Mr. William J. Lemay Oil Conservation Division State of New Mexico State Land Office Building P. O. Box 2088 Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

We have reviewed the following proposed discharge plan and have not identified any resource issues of concern to our agency; GW-44 Burgett Greenhouse, Hidalgo County, Animas, New Mexico.

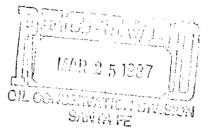
These comments represent the views of the Fish and Wildlife Service. Thank you for the opportunity to review the proposed plan. If you have any questions concerning our comments, please contact Tom O'Brien at (505) 883-7877 or FTS 474-7877.

Sincerely yours, John C. Peterson Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe New Mexico Director, New Mexico Health and Environment Department, Environmental Improvement Division, Santa Fe, New Mexico

Regional Adminitrator, Environmental Protection Agency, Dallas, Texas Regional Director, FWS, FWE, Albuquerque, New Mexico



NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPART MENT

**OIL CONSERVATION DIVISION** Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been amended and resubmitted for approval to the Director of the Oil Conservation Division. State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505)827-5800.

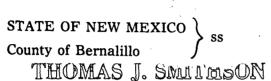
(GW-41) Burgett Greenhouse, Dale Burgett, Box 265A, Animas, New Mexico 88020, has submitted for approval a ground water discharge plan for the facility located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico. A maximum volume of 336,000 galions per day of cooled geothermal water with at total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground water is geothermal and has a TDS of 1195 at a depth of 60 feet.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approva or disapprove the proposed plan based on information available. If a public hearing is ) held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

In

GIVEN under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March, 1987. To be published



being duly sworn declares and says that he iNATL ADV. MGR. . of the Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition.

	times, the first publication being on the
of	,198, and the subsequent consecutive
publications on	Inoms & Smith
IL SEAL' E MONTOYA	Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this
PUBLIC - STATE OF NEW MEXIC iblic Filed with Sequebry of State ission Expires EDJ-15 (R-2/86)	PRICE $19.28$ Statement to come at end of month. ACCOUNT NUMBER $(280933)$
	ACCOUNT NUMBER $(1, 0, 0, 0, 1, 2, 5)$

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been amended and resubmitted for approval to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-41) Burgett Greenhouse, Dale Burgett, Box 265A, Animas, New Mexico 88020, has submitted for approval a ground water discharge plan for the facility located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico. A maximum volume of 336,000 gallons per day of cooled geothermal water with at total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground water is geothermal and has a TDS of 1195 at a depth of 60 feet.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN Under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March, 1987. To be published on or before March 20, 1987.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

 $(\Lambda)$  $\left( \right)$ WILLIAM J. LEMAY Director

SEAL



### MEMORANDUM OF MEETING OR CONVERSATION

Date 3/9/87 Time Telephone 9:15 \_\_\_\_ Personal Originating Party Other Parties Jomi Bailen Burgett 548-2353 ubject Docharge Plan application Question on volume of glothermal water dusc har for iscussion In 1986, approximate volumes ranged from 0-400 gpm for a daily maximim of 14 hours. There is no set Dume because the uplume is dependent on the weather. Reported volumes tothe minerale management Struce dave alwaig been reported sigh to protect funnial parments for heat use to fedo. onclusions or Agreements Will readvertise, before approval. Signed Joni Barla stribution

STATE OF NEW MEXICO

### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

March 2, 1987

<u>Certified Mail</u> Return Receipt Requested

Mr. Dale Burgett Box 265 A Animas, New Mexico 88020

Dear Mr. Burgett:

Following public notice of the discharge plan application for your greenhouse operation, we received information that the volume discharge as listed in the application was not in agreement with yearly production reports filed with the Minerals Management Service. The discharge plan can not be approved until the correct volume of discharge is advertised by public notice.

The discharge plan was submitted pursuant to Section 3-106 of the New Mexico. Water Quality Control Commission Regulations. Section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan."

You are required to report the correct total volume discharged from the greenhouse operations in gallons per day.

This information should be sent to me within ten days of receipt of this letter. If you have any questions, please call me at 827-5884.

Sincerely,

Come Bale

Jami Bailey Field Representative STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



February 17, 1987

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE &UILDING SANTA FE. NEW MEXICO 87501 (S05) 827-5800

Mr. Roy A. Cuniff 224 W. Greening Las Cruces, N.M. 88005

Dear Mr. Cuniff:

As requested by your letter of January 28, I am sending you parts of the Burgett Greenhouse discharge plan. The discrepancy of volumes listed in the discharge plan application and in the yearly production reports to the Minerals Management Service is being investigated. An investigation into protection of geothermal correlative rights is not within the scope of the Water Quality Act, which regulates discharge plans.

If you have any questions regarding this matter, please contact me at 827-5884.

Sincerely,

Ami Esle

JAMI BAILEY Field Representative

JB:dp

ENC:

xc: Roy Johnson



## UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE

Ecological Services Suite D, 3530 Pan American Highway NE Albuquerque, New Mexico 87107

February 5, 1987

Mr. Charles Roybal, Acting Director Oil Conservation Division State of New Mexico State Land Office Building P. O. Box 2088 Santa Fe, New Mexico 87504-2088

Dear Mr. Roybal:

We have reviewed the following proposed discharge plans and have not identified any resource issues of concern to our agency; GW-6, El Paso Natural Gas Company, Washington Ranch Storage Project, Eddy County, New Mexico; GW-41, Burgett Greenhouse, Hidalgo County, Animas, New Mexico, and GW-32, Grant Refining Company, McKinley County, Gallup, New Mexico.

These comments represent the views of the Fish and Wildlife Service. Thank you for the opportunity to review the proposed plans. If you have any questions concerning our comments please contact Tom O'Brien at (505) 883-7877 or FTS 474-7877.

Sincerely yours,

mar FOBLE

John C. Peterson Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico Director, New Mexico Health and Environment Department, Environmental Improvement Division, Santa Fe, New Mexico

Regional Administrator, Environmental Protection Agency, Dallas, Texas Regional Director, FWS, FWE, Albuquerque, New Mexico

# AFFIDAVIT OF BLICATION

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STATE OF NEW MEXICO COUNTY OF HIDALGO

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Jack Walz says that he is the manager of the LORDSBURG LIBERAI general circulation, published in the City of Lordsburg, in s has been such during the time hereinafter mentioned, and	, a weekly newspaper of aid county and state, and
headed,Lordsburg.Liberal	
a copy of which is hereto attached, was printed and publish	ed in every copy of each
issue of said newspaper for a period of $\ldots \ldots 1$	consecutive weeks;
to wit: first publicationJ站n 23	, 1987;
last publication	
Publication fee \$	U.S.K. Ault & A. J Manager
(Plus Tax)	Manager
STATE OF NEW MEXICO COUNTY OF HIDALGO SS.	L
Subscribed and sworn to before me this	day of
January, 19.8.7. Juda J.	Marris
My commission expires June 77, 19.90	Notary Public

-10 for approval a ground water discharged plan for the facility n Y located in section 7, h Township 25 South, Range d 19 West, Hidalgo County, New Mexico. Approximately ĸ 150,000 gallons per day of cooled geothermal water with a total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground wate is geothermal and has a TDS of 1195 at a depth of 60 feet. Any interested persons may obtain further information from the Oil Conservation division and may submit written comments, to the Director of the Oil Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Cosnsrvation Division shall allow at least thirty (30) days after date of publication of this notice during which comments may j be submitted to him and public hearing may be requested by any interested persons. Requests for public hearing shall set forth, the reasons why a hearing should be held if the Director determines there is significant public interest. If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is hedl, the director will approve or disapprove the proposed plan, based on u information in the plan and information submitted at the hearing. GIVEN Under the Seal of the New Mexico Oil Conservation Commission at 1 Santa Fe, New Mexico, on this 9th day of January, 1987. ិតវា and the second states and a second STATE OF NEW MEXICO OIL CONSERVATION DIVISION CHARLES ROYBAL A Acting Director, and the distance of the dist Jan. 23/1tc. POT. .

LEGAL SAL m ·1e is NOTICE OF PUBLICATION m STATE OF NEW MEXICO el ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION to ureat uranii DIVISION asies Sylom grinti faces e all mort e It an asies and the asie for the es as Notice is hereby given that he ry<sub>m</sub> pursuant to New Mexico is of Water Quality Control er Commission Regulations, my the following discharge plans if of in have been submitted for lly prenewal or approval to then se Director of the Oil Conservation division, State th<sub>se</sub>Land Office Building, P.O. Jel Box 2088, Santa Fe, Newl by Mexico 87504-2088, d Telephone (505) 827-5800: gen (GW-6) El Paso Natural es Gas Company, Washington to w Ranch Storage Project, John )f Bridges, 🔤 Manager, 🖷 1. Environmental Engineering, w Box 1492, El Paso, Texas 't 79978, has submitted an a n application to renew the Sepreviously 🔅 approved 🥞 Y m discharge plan for its facility 39 he located in Section 34, # I Township 25 South, Range 🔐 24- East (NMPM), 🗁 Eddy 🗄 t County, New Mexico. Ω Approximately 13,500 st gallons per day of dehydrator e waste water will be contained at e. in above ground steel tanks iy 🐰 prior to disposal in an OCDapproved contract injection he well. The discharge plan addresses how spills, leaks 1 es and other discharges to ground water at the plant site will be managed. Ground water most likely to be affected by any he discharge at the surface is at a iy depth of approximately 80 feet and has a total dissolved solids concentration of y id 🛔 approximately 1475 mg/1. (GW-4) Burgett W Greenhouse, Dale Burgett, is r, Box 265A, Animas, New Mexico 88020, has submitted > Эt 6 for approval a ground water a discharged plan for the facility n located in section 7, Y h Township 25 South, Range d 19 West, Hidalgo County, New Mexico. Approximately 150,000 gallons per day of cooled geothermal water with a total dissolved solids content of 1115 will be discharged during the winter



January 28, 1987

Charles Roybal, Acting Director Oil Conservation Division Santa Fe, New Mexico

Dear Mr. Roybal,

As requested by your notice in the Albuquerque Journal of January 25, 1987, I am requesting further information relative to the proposed discharge plan submitted by Burgett Greenhouse, Animas New Mexico.

As a leaseholder of geothermal rights on two tracts of State of New Mexico land, located near Burgett Greenhouse, I would appreciate a copy of the proposed plan and any supporting data.

I reserve the right to submit further comments after I have had an opportunity to review the file.

Thank you for your assistance in this matter.

Sincerely,

Roll

Roy A. Cunniff UU 224 W. Greening Las Cruces, NM 88005

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPART-MENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plans have been submitted for renewal or approval to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505)827-5800.

(505)827-5800. (GW-6) El Paso Natural Gas Compary, Washington Ranch Storage Project, John Bridgee, Manager, Environmental Engineering, Box 1492. El Paso, Texas 79978, has submitted an application to renew the previously approved discharge plan for its facility located in Section 34, Township 25 South, Range 24 East (MMPM), Eddy 13,500 gallons per day of dehydrator waste water will be contained in above ground steel tanks prior to disposal in an OCD-approved contract Injection well. The discharge plan addresses how spills, leaks and other discharges to ground watel at the plant after will be managed. Ground water most likely to be affected by any discharge at the surface is at a depth of approximately 80 feet and has a total disspived solids concentration of approximately 1475 mo/1.

1475 mg/1. (GW-41) Burgett Greenhouse, Date Burgett, Box 265A, Animas New Mexico 88020, has submitted for approval a ground water discharge plan for the facility located in Section 7. Township 25 South, Range 19 West, Hidalgo County, New Mexico. Approximately 150,000 galons per day of cooled geothermal water with a total dissolved solids content of 1115 will be dischargd during the winter months to Irrigate farm land. No discharge is anticipated during summer months. Uppermost ground vater is geothermal and has a TDS of 1195 at a depth of 60 feet. Any interested person may obtain urther information from the Oit Contervation Division and may submit

Any interested person may obtain urther information from the Oil Coniervation Division and may submit written comments to the Director of he Oil Conservation Division at the didress given above. Prior to ruling in any proposed discharge plan or its modification, the Director of the Oil onservation Division shall allow at east thirty (30) days after the date of ublication of this notice during which omments may be submitted to him and a public hearing may be reuested by any interested person, equests for public hearing shall set in the reasons why a hearing bould be held. A hearing will be held the Director determines there is gnificant public interest.

If no public hearing is held, the irector will approve or disapprove a proposed plan based on informain available. If a public hearing is lid, the Director will approve or 3approve the proposed plan based information in the plan and inmation at the hearing. GIVEN under the Seal of the New New Olice Conservation

Since oil conservation Commission Santa Fe, New Mexico, on this 9th y of January, 1987. To be pubted on or before January 18, 1987, STATE OF NEW MEXICO JIL CONSERVATION DIVISION

Acting Director Acting Director Imal, January 25, 1987

STATE OF NEW MEXICO > ss <u>eir ce.</u>! County of Bernalillo ALLANAS J. SMELHOON ..... being duly sworn declares and says that he is NATLADV MGR of the Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition, ...., ,198....., and the subsequent consecutive KH. M. Ler Spuce 5 2023 publications on ..... 12 SEAU > Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, AYOTITOYA PHONIC - STATE OF NEW MEXICO e. 08 +, 50 = 26 58 cy la Roll. thic thed with Sprintary of State PRICE .... lission Expires i EDJ-15 (R-2/86) Statement to come at end of month. ACCOUNT NUMBER (18013) . . . . . . . . . .

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPARIMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plans have been submitted for renewal or approval to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-6) El Paso Natural Gas Company, Washington Ranch Storage Project, John Bridges, Manager, Environmental Engineering, Box 1492, El Paso, Texas 79978, has submitted an application to renew the previously approved discharge plan for its facility located in Section 34, Township 25 South, Range 24 East (NMPM), Eddy County, New Mexico. Approximately 13,500 gallons per day of dehydrator waste water will be contained in above ground steel tanks prior to disposal in an OCD-approved contract injection well. The discharge plan addresses how spills, leaks and other discharges to ground water at the plant site will be managed. Ground water most likely to be affected by any discharge at the surface is at a depth of approximately 80 feet and has a total dissolved solids concentration of approximately 1475 mg/l.

(GW-41) Burgett Greenhouse, Dale Burgett, Box 265A, Animas, New Mexico 88020, has submitted for approval a ground water discharge plan for the facility located in Section 7, Township 25 South, Range 19 West, Hidalgo County, New Mexico. Approximately 150,000 gallons per day of cooled geothermal water with a total dissolved solids content of 1115 will be discharged during the winter months to irrigate farm land. No discharge is anticipated during summer months. Uppermost ground water is geothermal and has a TDS of 1195 at a depth of 60 feet. Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN Under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 9th day of January, 1987. To be published on or before January 16, 1987.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Charles & Kyll

CHARLES ROYBAL Acting Director

SEAL

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



TONEY ANAYA GOVERNOR

December 15, 1986

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501-2088 (505) 827-5800

Mr. Dale Burgett Box 265A Animas, N.M. 88020

Dear Mr. Burgett:

A discharge plan is required for your greenhouse operation, but much of the information required under WQCC regulation 3-106.C was obtained during our sampling trip in January, 1986. For your convenience in filing a discharge plan, I have enclosed an outline form for the discharge plan application. New Mexico Water Quality Control Commission (WQCC) Regulations on discharges and ground water standards were sent to you last May.

Provided that the information listed on the outline is submitted to the Oil Conservation Division (even in short-answer form), and no changes have been made in the operation since our inspection, this discharge plan will be approved following public notice. Please notify this office if any changes have been made in the storage, use, or discharge of the geothermal waters. Feel free to contact me at 827-5884 if I can be of any assistance.

Sincerely,

JAMI BAILEY Field Representative

JB:dp

Enc.

cc: Roy Johnson

Discharge Plan for Burgett Geothermal Plant

- I. General Information
  - A. Name, Address and Telephone Number for Discharger or Legally

Sale Burger Ph 5482353 Po Box 2654 anima, 7 mg 88020

B. Location of Discharge: Section 7, Township 25 (North) (South), Range 7 (East) (West)

C. Type of Operation: menhouse Farm

D. Affirmation:

"I hereby certify that I am familiar with the information contained in and submitted with this application and that such information is true, accurate and complete to the best of my knowledge and belief."

(Signature)

1-3-87

(Title)

- II. Plant Processes
  - A. Describe storage and uses of geothermal waters.

Geothermal used to Inigale Farm Land, has also been used from 1949

B. Estimated quantities used in gallons per day (gpd).

150,000 Winter

C. Any additives or commingling.

- III. Site Characteristics
  - A. Provide the name, description, and location of any ground water discharge sites (water wells, seeps, springs,) within one mile of the outside perimeter of the facility. For water wells, specify use of water (e.g., irrigation, domestic, etc.)

all water lomes from, to 60' Water Level and is Ground Water all water used for Irrigation

B. If known, provide the flow direction of the ground water most likely to be affected by the discharge. Include the source of the information and how was it determined.

Flow, is to NW asperty drilled wells

C. Depth to rock at base of alluvium: 90'

Note This is not a discharge program, it is a utilization of the Surface water 1 To Generate Power\_ 2 To Heat Drunhouse 3 Fish production (Future) 4 Arrigation of episting Farm lands all under derection of State Engineer under Valid waterrights

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GOVERNOR

December 15, 1986

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501-2088 (505) 827-5800

Mr. Dale Burgett Box 265A Animas, N.M. 88020

Dear Mr. Burgett:

A discharge plan is required for your greenhouse operation, but much of the information required under WQCC regulation 3-106.C was obtained during our sampling trip in January, 1986. For your convenience in filing a discharge plan, I have enclosed an outline form for the discharge plan application. New Mexico Water Quality Control Commission (WQCC) Regulations on discharges and ground water standards were sent to you last May.

Provided that the information listed on the outline is submitted to the Oil Conservation Division (even in short-answer form), and no changes have been made in the operation since our inspection, this discharge plan will be approved following public notice. Please notify this office if any changes have been made in the storage, use, or discharge of the geothermal waters. Feel free to contact me at 827-5884 if I can be of any assistance.

Sincerely,

Ami Erile

JAMI BAILEY Field Representative

JB:dp

Enc.

cc: Roy Johnson





GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501-2088 (505) 827-5800

May 27, 1986

Mr. Dale Burgett Box 265A Animas, N.M. 88020

Dear Mr. Burgett:

Although a discharge plan is required for your greenhouse operation, much of the information required under WQCC regulation 3-106.C was obtained during our sampling trip in January. For your convenience in filing a discharge plan, I have enclosed an outline form along with the lab analyses of wells in the area. These analyses indicate the total dissolved solids (TDS) of ground water, which is required for the discharge plan.

Provided that the information listed on the outline is submitted to the Oil Conservation Division (even in short-answer form), and no changes have been made in the operation since our inspection, this discharge plan will be approved following public notice. Please feel free to contact me at 827-5884 if I can be of any assistance.

Sincerely,

- Faile.

JAMI BAILEY Field Representative

JB:dp

Enc.

cc: Roy Johnson

Discharge Plan for Burgett Geothermal Plant

- I. General Information
  - A. Name, Address and Telephone Number for Discharger or Legally Responsible Party:
  - B. Location of Discharge: Section \_\_\_\_, Township \_\_\_\_\_ (North) (South), Range \_\_\_\_\_ (East) (West)
  - C. Type of Operation:

#### D. Affirmation:

"I hereby certify that I am familiar with the information contained in and submitted with this application and that such information is true, accurate and complete to the best of my knowledge and belief."

(Signature)

(Date)

(Printed Name of Person Signing)

(Title)

II. Plant Processes

A. Describe storage and uses of geothermal waters.

B. Estimated quantities used in gallons per day (gpd).

C. Any additives or commingling.

#### III. Site Characteristics

A. Provide the name, description, and location of any ground water discharge sites (water wells, seeps, springs,) within one mile of the outside perimeter of the facility. For water wells, specify use of water (e.g., irrigation, domestic, etc.)

B. If known, provide the flow direction of the ground water most likely to be affected by the discharge. Include the source of the information and how was it determined.

C. Depth to rock at base of alluvium:



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501-2088 (505) 827-5800

May 15, 1986

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Dale Burgett Box 265A Animas, N.M. 88020

Dear Mr. Burgett:

Enclosed are copies of the water analyses from samples taken on January 28, 1986, by Roy Johnson and Jami Bailey. Included with the analyses is a copy of the New Mexico Water Quality Control Commission (WQCC) regulations on discharges and ground water standards.

Because of the fluoride concentration and the method of discharging the geothermal waters onto the surface of the ground, you are hereby notified that a discharge plan must be submitted and approved. This notification of discharge plan requirement is pursuant to Sections 3-104 and 3-106 of the WQCC regulations. The discharge plan defined in Section 1-101.P of the WQCC Regulations should cover all discharges of effluent or leachate at the greenhouse site or adjacent to the greenhouse site.

Section 3-106.A. of the regulations requires a submittal of the discharge plan within 120 days of receipt of this notice unless an extension of this time period is sought and approved for good cause. Section 3-106.A. also allows the discharge to continue without an approved discharge plan until 240 days after written notification by the director that a discharge plan is required. An extension of this time may be sought and approved for good cause.

If there are any questions on this matter, please feel free to call Jami Bailey or Dave Boyer at (505) 827-5884.

Sincers

R. L. STAMETS Director

RLS:JB:dp

Enclosures

cc: Roy Johnson

	IENTIFIC LAE ) Camino de S	Ith and Envirous ORATORY DIVISIO alud NE 187106 (505) 841-	N	EN G	ENERAL V and NITR	NATER CH OGEN AN	EMISTRY ALYSIS
	10 86 N	BWC 562	USER CODE	0 □ 59600 ¥X <sub>C</sub>	THER: 82	235	
Collection DATE 1 28 86 Collection TIME 0900		SITE INFORM- ► ATION		URGETT GEO	OTHERI	MAL W	IELL
Collected by - Person/Agent BAILEY / JOA	Y HNSON -	000	Collection site descriptio	7 T 255 A	219W	BYPAS WELL	S VALVE AT HEAD
SEND NM FINAL Sta REPORT San	OIL CONS ate Land nta Fe, M David_Boy	M 87501	VISION , PO Box 208		Station/ well code	E BURGO	577
Providence in the second s	Pump	Water level STR	TIC W.L. 65'	Discharge		Sample type	
pH (00400)	Тар	DEPTH TO D		300 gp/ Water Temp. (00010)		Conductivity	at 25 °C (00094)
8. /	/	29	· ·		<b>48</b> °C	Conductivity	μmho
SAMPLE FIELD TH No. of samples submitted NA: No acid a ANALYTICAL RES	/ 🗆 NF dded 🗆 C	Whole sample (Non-filtered) ther-specify: SAMPLES	F: Filtered in 0.45 μme	mbrane filter 🗆 🗛 🍝	ml H₂SO₄/		
NF, NA			Units Date analyzed	d F, NA		Ui	nits Date analyzed
<ul> <li>Conductivity (Corre 25°C (00095)</li> <li>Total non-filterable residue (suspende (00530)</li> </ul>		······	umho	Image: Second state         Image: Calcium (00915)           Image: Second state         Image: Calcium (00925)           Image: Second state         Image: Calcium (00930)           Image: Calcium (00935)         Image: Calcium (00935)           Image: Calcium (00935)         Image: Calcium (00935)           Image: Calcium (00935)         Image: Calcium (00935)		m m m	g/1 g/1 g/1 g/1 g/1 g/1
□ Other: .□ Other: □ Other:				<ul> <li>□ ↓ Chloride (00940)</li> <li>□ ↓ Sulfate (00945)</li> <li>□ ↓ Total filterable residue</li> <li>− (dissolved) (70300)</li> </ul>	5	<u>85    </u> m GS	$\frac{g/l}{g/l} = \frac{1/20}{2/18}$ $\frac{g/l}{3/13}$
NF, A-H₂SO₄			······	X F		<u>v</u>	-7/18
Nitrate-N +, Nitrate total (00630)	N		mg/l	$F, A-H_2 SO_4$	<i>A_</i>		A/ A./
Ammonia-N total (0     Total Kjeldahl-N     ( )     Chemical oxygen		· · · · · · · · · · · · · · · · · · ·	mg/l	<ul> <li>dissolved (00631)</li> <li>Ammonia-N dissolve</li> <li>(00608)</li> <li>Total Kjeldahl-N</li> </ul>			g/l
demand (00340) Total organic carbo ( )	n	······································	mg/l	- ( ) - Other:		m	g/l
<ul> <li>Other:</li> <li>Other:</li> </ul>			<u></u>	Analyst	Date Re	eported Re 24 86	eviewed by
Laboratory remarks	DISTRIBUTIO	v: <b>WHITE</b> EID, 1	GW&HW Bureau	CANARY WS System	<b>PINK — EI</b>	) Local Office	GOLDENROD — SLD

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SCIENTIFIC LAB 700 Camino de Sa	, th and Environment Department ORATORY DIVISION alud NE 87106 — (505) 841-2555		VY METALS WATER CHEMISTRY TROGEN ANALYSIS
DATE RECEIVED 2 10 26 NO	B./111.274 USER    5930	о <u>59600</u> <u>XX</u> отнея:	82235
Collection DATE / 28 86 Collection TIME 0900	ATION		EMAL WELL
Collected DV - Person/Agency BAILEY / JOHNSON -	Colléction sité descriptio	77255 R19W	BYPASS YALVE AT WELLHEAD
ENVIRONMENT SEND NM OIL CONS FINAL State Land TO Santa Fe, N Attn:David_Boy	ERVATION DIVISION Office Bldg, PO Box 208 M 87501	B Station/ well code	
SAMPLING CONDITIONS	:		ile burgett
🗌 Baileg 🕱 Pump	Water level STATIC W.L. 65 ' DEPTH TO WATER 90'	Discharge 300 gpm	Sample type
рн (00400) 8. /	Conductivity (Uncorrected) 29συ μmho	Water Temp. (00010)	C Conductivity at 25°C (00094) µmho
SAMPLE FIELD TREATMENT No. of samples submitted / こ NF こ NA: No acid added こ O ANALYTICAL RESULTS from	Whole sample $\mathbb{R}$ F: Filtered in (Non-filtered) $\mathbb{R}$ F: $\frac{0.45 \ \mu \text{me}}{0.45 \ \mu \text{me}}$	mbrane filter A: 2111 1200	Units Date analyzed
<ul> <li>Conductivity (Corrected) 25 °C (00095)</li> <li>Total non-filterable residue (suspended) (00530)</li> </ul>	μmho	Calcium (00915)     Magnesium (00925)     Sodium (00930)     Potassium (00935)     Bicarbonate (00440)     Chloride (00940)	mg/l mg/l mg/l mg/l mg/l mg/l
	2014-12. 1997	Childhe (00945)     Sulfate (00945)     Could filterable residue     (dissolved) (70300)     Other:	mg/img/i mg/img/i
<ul> <li>Nitrate-N + , Nitrate-N total (00630)</li> <li>Ammonia-N total (00610)</li> <li>Total Kjeldahl-N (</li></ul>	mg/l mg/l mg/l mg/l mg/l mg/l	F. A-H₂ SO₄         □       Nitrate-N +, Nitrate-N         dissolved (00631)	mg/l mg/l mg/l mg/l
Laboratory remarks		Analyst Date	e Reported Reviewed by

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Lab Number: Ma79 Date Submitted: \_\_\_\_\_2/10/86 By: Bailey

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Element	ICAP VALUE (MG/L)	AA VALUE (MG/L)
Aluminum	<0.1	
	<u> </u>	
Barium		
Berylium		<u></u>
Boron	0.5	
Cadmium	40.1	
Calcium	21.	
Chromium	20.1	
Cobalt	<0.1	
Copper	40.1	
Iron	<u>~0.1</u>	
Lead	20.1	
Magnesium	<u> </u>	
Manganese	20.05	
Molybdenum	<u> </u>	
Nickel	<0.1	
Silicon	75.	
Silver	<0.1	
Strontium	0.5	
Tin	20.1	
Vanadium	<u> &lt;0.(</u>	
Zinc	40.1	
Arsenic		0.011
Selenium		<0.005
Mercury		

and the second second

DATE RECEIVED	10186	NO.WC 560	CODE D 5930	0 □ 59600 🕅 o	THER: 82	235	
Collection DATE		SITE	Sample location	•		ENHOUSE	
0915		ATION	Collection site descriptio	n			
Collected by - Person/Age	ency HNSON	- 00.0			······		
END NI INAL S EPORT S	M OIL CO tate Land	NM 87501	IVISION g, PO Box 208				
				1	Station/		
	DITIONO			1	well code Owner	<u></u>	
Bailed		Water level		Discharge	I	Sample type	
Dipped	] Tap						
рН (00400) <b>8</b> -	. /	Conductivity (Une		Water Temp. (00010)	47°°C	Conductivity at 25°C (00094) μ	
			**************************************	ROVEH FIN	PIPES	TO MEN	
	REENN	ouses			PIPES		
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AMPLE FIELD No. of samples submitted	REGNH TREATMEN 1 Y	IT — Check prop F: Wholé sample (Non-filtered)	Der boxes				
No. of samples submitted	REGNA TREATMEN / YN added 🗆	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes	field with □ <b>Δ</b> • 2			
No. of samples submitted	REGNA TREATMEN / YN added 🗆	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes <b>ξ F:</b> Filtered in 0.45 μme	field with mbrane filter <b>A:</b> 2			Date analyzed
No. of samples submitted	REGNA TREATMEN / YN added SULTS from	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes	field with mbrane filter A: 2 <b>I F, NA</b> Calcium (00915) Magnesium (00925)	ml H₂SO₄/ 	L added Units	Date analyzed
AMPLE FIELD No. of samples submitted NA: No acid NALYTICAL RE NF, NA	REGNA TREATMEN / YN added SULTS from rrected)	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes	field with mbrane filter A: 2 <b>d F, NA</b> Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440)	ml H₂SO₄/ 	L added Units Units 0 mg/l 1 mg/l 1 mg/l 7 J mg/l	Date analyzed 2-10 11 -1 -1 -1 -1 -1 -1 -1 -1 -1
AMPLE FIELD No. of samples submitted NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterabl residue (suspend (00530) Other:	REGNA TREATMEN / YN added SULTS from rrected)	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes <b>F:</b> Filtered in 0.45 μme Units Date analyzed μmho	field with mbrane filter A: 2 <b>d F, NA</b> Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935)	ml H₂SO₄/ 	L added Units O mg/l 3 mg/l 4 mg/l ( mg/l	Date analyzed 2-10 11 11
AMPLE FIELD No. of samples submitted NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterabl residue (suspend (00530)	REGNA TREATMEN / YN added SULTS from rrected)	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes <b>F:</b> Filtered in 0.45 μme Units Date analyzed μmho	field with mbrane filter A: 2 <b>F, NA</b> Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940)	ml H₂SO₄/ 	L added Units Units Units Mg/l Mg/l 1 2.1 mg/l 2.4 mg/l 3.7 mg/l 1.5 mg/l	Date analyzed 2-10 11 1 1 2/18 2/20
AMPLE FIELD No. of samples submitted No. of samples submitted No. of samples submitted No. of samples No. of sa	REGNA TREATMEN / YN added SULTS from rrected)	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes <b>F:</b> Filtered in 0.45 μme Units Date analyzed μmho	field with mbrane filter A: 2 <b>F, NA</b> Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Chloride (00945) Chloride (00945) Total filterable residue (dissolved) (70300) Other: 203	ml H₂SO₄/ 32 4,8 303 19. 9 5 11. 00	L added Units Units Units Mg/l 1 2 4 Mg/l 1 2 4 Mg/l Mg/l 1 2 4 Mg/l Mg/l 1 2 4 Mg/l	Date analyzed $ \begin{array}{c}                                     $
AMPLE FIELD No. of samples submitted X NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: NF, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitraterable	ALEGNA TREATMEN / YN added SULTS from rrected)	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l	field with mbrane filter A: 2 <b>d F, NA</b> Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Data filterable residue (dissolved) (70300)	ml H₂SO₄/ 	L added Units Units Units Mg/l Mg/l 1 2.1 mg/l 2.4 mg/l 3.7 mg/l 1.5 mg/l Mg/l 1.6 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l 1.5 mg/l	Date analyzed 2-10 11 1 1 2/18 2/20
AMPLE FIELD No. of samples submitted X NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: AF, A-H <sub>2</sub> SO <sub>4</sub>	ALE GALA TREATMEN / Y N added SULTS from rrected) he ded) 	IT — Check prop F: <sup>Wholé</sup> sample (Non-filtered) Other-specify:	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l	field with mbrane filter A: 2 A:	ml H₂SO₄/ 32 4,3 19: 9 9 5 11 00 1/.	L added Units Units 0 mg/l 1 mg/l 2 · 4 mg/l 2 · 4 mg/l 3 7 mg/l 1 S mg/l 7	Date analyzed $ \begin{array}{c}                                     $
AMPLE FIELD No. of samples submitted (X) NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: Nitrate-N + Nitrat total (00630) Ammonia-N total	ALE GALA TREATMEN / Y N added SULTS from rrected) he ded) 	T Check prop F: Whole sample (Non-filtered) Other-specify: m SAMPLES	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l mg/l mg/l	field with mbrane filter A: 2 A:	ml H₂SO₄/ 32 4,8 303 19: 9 5 11, 00 11, 00 11, 00	L added Units O mg/l G mg/l C mg/l 7.7 mg/l 7.7 mg/l 7.7 mg/l 1.5 mg/l 7.7 mg/l 1.5 mg/l 7.7 mg/l 1.5 mg/l	Date analyzed $ \begin{array}{c}                                     $
AMPLE FIELD No. of samples submitted X NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: Nitrate-N + , Nitrated total (00630)	ACCONNENT	T Check prop F: Whole sample (Non-filtered) Other-specify: m SAMPLES	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l	field with mbrane filter A: 2 A:	ml H₂SO₄/ 32 4,8 303 19: 9 5 11, 00 11, 00 11, 00	L added Units O mg/l mg/l C mg/l C mg/l M mg/l	Date analyzed $ \begin{array}{c}                                     $
AMPLE FIELD No. of samples submitted X NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: Other: Nitrate-N + , Nitrat total (00630) Ammonia-N total Total Kjeldahl-N () Chemical oxyger demand (00340) Total organic cart ()	ACCONNENT	T Check prop F: Whole sample (Non-filtered) Other-specify: m SAMPLES	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l mg/l mg/l mg/l mg/l mg/l	field with mbrane filter A: 2 A:	ml H₂SO₄/ 32 4,8 303 19: 9 5 11, 00 11, 00 11, 00	L added Units O mg/l G mg/l C mg/l 7.7 mg/l 7.7 mg/l 7.7 mg/l 1.5 mg/l 7.7 mg/l 1.5 mg/l 7.7 mg/l 1.5 mg/l	Date analyzed $ \begin{array}{c}                                     $
AMPLE FIELD No. of samples submitted X NA: No acid NALYTICAL RE NF, NA Conductivity (Co 25°C (00095) Total non-filterable residue (suspend (00530) Other: Other: Other: Other: Nitrate-N + Nitrate total (00630) Ammonia-N total Total Kjeldahl-N () Chemical oxyger demand (00340)	ACCONNENT	T Check prop F: Whole sample (Non-filtered) Other-specify: m SAMPLES	Der boxes F: Filtered in 0.45 μme Units Date analyzed μmho mg/l mg/l mg/l mg/l mg/l mg/l mg/l	field with mbrane filter A: 2 A:	ml H₂SO₄/ 3.2. 4.7 7.03 19. 9 9 9 11. 0 0 11. 0 0 11. 0 0 0 0 0 0 0 0 0 0 0 0 0	L added Units O mg/l G mg/l C mg/l M C mg/l C mg/l	Date analyzed 2 - 10 1 2/10 1/2 2/200 2/200 2/200 2/200 2/200 2/200 2/200 2/2000 2/2000 2/2000 2/200000000000000000000000000000000000

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PATE 2 10 26	NO. H11.277		000 <u> </u>	OTHER: 82	235	
Collection DATE         Collection FIME           Collection FIME         0915	SITE INFORM- ► ATION	Sample location	SCHARGE FRO	ere	SNHOUSE	
Collected by - Person/Agency						
RAILEY /JOHNSON	- 00.0	L	بالم <sup>يري</sup> ة المريخ ال			
END NM OIL CON		VISION , PO Box 20	88	Station/ wellcode		
				Owner		
AMPLING CONDITIONS	Water level		Discharge		Sample type	
рН (00400) <b>8.</b> /	Conductivity (Unco	· · · · · · · · · · · ·	Water Temp. (00010)	47°°C	Conductivity at 25	°C (00094) µmh
No. of samples / D N submitted / N	IT — Check prope F: Whole sample (Non-filtered)	PT F. Filtered	in field with embrane filter	<del>2 ml H₂SO</del> ₄/	Ladded そんぴ	23
AMPLE FIELD TREATMEN No. of samples submitted / N NALYTICAL RESULTS from	IT — Check prope Whole sample (Non-filtered) Other-specify:	2 F: Filtered 0.45 μπ	nembrane filter	<del>2 ml H<sub>2</sub>SO</del> 4/	· · · · · · · · · · · · · · · · · · ·	
AMPLE FIELD TREATMEN No. of samples submitted / N NA: No acid added	IT — Check prope (Non-filtered) Other-specify: m SAMPLES	PT F. Filtered	embrane filter		Units mg/l mg/l	
AMPLE FIELD TREATMEN No. of samples submitted / N N NA: No acid added NALYTICAL RESULTS from NF: NA F.A HWD; Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530)	IT — Check prope (Non-filtered) Other-specify: m SAMPLES	E F: Filtered 0.45 μm Units Date analyz	ted F, NA Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00444	5)	Units mg/I mg/I mg/I mg/I	Date analyzed
AMPLE FIELD TREATMEN No. of samples submitted / N □ NA: No acid added □ NALYTICAL RESULTS from NF:NA F.A HWO; □ Conductivity (Corrected) 25°C (00095) □ Total non-filterable residue (suspended) (00530) © Other: /CAP SCAW	IT — Check prope F: Whole sample (Non-filtered) Other-specify: m SAMPLES	E F: Filtered 0.45 μm Units Date analyz μmho	tembrane filter → A; ted F, NA Calcium (00915) Calcium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00944) Chloride (00946)	5)	Units mg/I mg/I mg/I mg/I mg/I	
AMPLE FIELD TREATMEN No. of samples submitted / N □ NA: No acid added □ NALYTICAL RESULTS from NF:NA F.A HWO; □ Conductivity (Corrected) 25°C (00095) □ Total non-filterable residue (suspended) (00530) ⊇ Other: /CAP SCAW	IT — Check prope (Non-filtered) Other-specify: m SAMPLES	E F: Filtered 0.45 μm Units Date analyz	tembrane filter	5) D) ue	Units mg/I mg/I mg/I mg/I	
AMPLE FIELD TREATMEN No. of samples submitted / N NA: No acid added NALYTICAL RESULTS from NF: NA F.A ADD Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAD Other: So	IT Check prope Whole sample (Non-filtered) Other-specify: m SAMPLES	M F: Filtered 0.45 μm Units Date analyz umho mg/l 	tembrane filter	5) D) ue	Units mg/l mg/l mg/l mg/l mg/l mg/l mg/l	
AMPLE FIELD TREATMEN No. of samples submitted / N NA: No acid added NA: No acid added NALYTICAL RESULTS from NF. NA F.A. H.2022 Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAN Cother: So Other: Co	IT Check prope Whole sample (Non-filtered) Other-specify: m SAMPLES	M F: Filtered 0.45 μm Units Date analyz umho mg/l 	tembrane filter	5) D) ue	Units mg/l mg/l mg/l mg/l mg/l mg/l mg/l	
AMPLE FIELD TREATMEN         No. of samples         submitted         J         NA: No acid added         Network         No. of samples         Conductivity (Corrected)         25 °C (00095)         Total non-filterable         residue (suspended)         (00530)         Other: Co         Other: Co         Nitrate-N + Nitrate-N         total (00630)	IT Check prope (Non-filtered) Other-specify: m SAMPLES	E F: Filtered 0.45 μm Units Date analyz μmho mg/l	teembrane filter       A.         ied       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00444)         Chloride (00945)         Sulfate (00945)         Total filterable residu (dissolved) (70300)         Other:	5) 0) ue	Units mg/l mg/l mg/l mg/l mg/l mg/l mg/l	
AMPLE FIELD TREATMEN         No. of samples         submitted         J         NA: No acid added         NA: No acid added         NA: No acid added         NALYTICAL RESULTS from         NF.NA       F.A         J       Conductivity (Corrected)         25 °C (00095)         Total non-filterable         residue (suspended)         (00530)         Other: /CAP         Other: Co         Other: Co         NF, A-H2SO4         Nitrate-N + , Nitrate-N         total (00630)         Ammonia-N total (00610)	IT Check prope Whole sample (Non-filtered) Other-specify: m SAMPLES	M F: Filtered 0.45 μm Units Date analyz umho mg/l 	F.         NA           Calcium (00915)         Calcium (00915)           Magnesium (00925)         Sodium (00930)           Potassium (00935)         Bicarbonate (00444)           Chloride (00945)         Sulfate (00945)           Sulfate (00945)         Otal filterable residu (dissolved) (70300)           F. A-H2 SO.         Nitrate-N + , Nitrate dissolved (00631)	5) 0) ue	Units mg/l mg/l mg/l mg/l mg/l mg/l mg/l	
AMPLE FIELD TREATMEN No. of samples submitted / N  I NA: No acid added  NALYTICAL RESULTS from NF. NA F.A ADD2 Conductivity (Corrected) 25°C (00095)  Total non-filterable residue (suspended) (00530) Cother: Ca Other: Ca Other: Ca NF. A-H2SO2 NITrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ()	IT Check prope (Non-filtered) Other-specify: m SAMPLES	E F: Filtered 0.45 μm Units Date analyz μmho mg/l	F.         NA           Calcium (00915)         Calcium (00915)           Magnesium (00925)         Sodium (00930)           Potassium (00935)         Bicarbonate (00444)           Chloride (00945)         Sulfate (00945)           Sulfate (00945)         Otal filterable residu (dissolved) (70300)           F. A-H2 SO.         Nitrate-N + , Nitrate dissolved (00631)           Armonia-N dissolved         Armonia-N dissolved	5) 0) ue	Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	
AMPLE FIELD TREATMEN No. of samples submitted / N  NA: No acid added  NALYTICAL RESULTS from NF: NA F.A ADD; Conductivity (Corrected) 25°C (00095)  Total non-filterable residue (suspended) (00530) Cother: /CAP SCAD Other: So Other: CaP NF, A-H;SO; Nitrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N () Chemical oxygen	IT Check prope (Non-filtered) Other-specify: m SAMPLES		F.         NA           Calcium (00915)         Calcium (00915)           Magnesium (00925)         Sodium (00930)           Potassium (00935)         Bicarbonate (00444)           Chloride (00945)         Sulfate (00945)           Sulfate (00945)         Otal filterable residu (dissolved) (70300)           F. A-H2 SO.         Nitrate-N + , Nitrate dissolved (00631)	5) 0) ue	Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	
AMPLE FIELD TREATMEN         No. of samples         submitted       /         NA: No acid added         NALYTICAL RESULTS from         NH- NA       F. A         AUD3         Conductivity (Corrected)         25°C (00095)         Total non-filterable         residue (suspended)         (00530)         Other: Ica P         Other: Ica P         Other: Ica P         NF, A-H2SO_         Nitrate-N + , Nitrate-N         total (00630)         Ammonia-N total (00610)         Total Kjeldahl-N         (         Chemical oxygen         demand (00340)	IT Check prope (Non-filtered) Other-specify: m SAMPLES		F.         NA           Calcium (00915)         Magnesium (00925)           Sodium (00930)         Potassium (00935)           Bicarbonate (00444)         Chloride (00945)           Total filterable residu (dissolved) (70300)         Other:           F. A-H2 SO4         Nitrate-N + , Nitrate dissolved (00631)           Arrian         Arrian           Magnesium (00935)         Arrian	5) 0) ue	Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	
AMPLE FIELD TREATMEN         No. of samples         submitted         J         NA: No acid added         INA: No acid added         INALYTICAL RESULTS from         NF. NA         F.A         Conductivity (Corrected)         25°C (00095)         Total non-filterable         residue (suspended)         (00530)         Other: ICAP SCAN         Other: Qo         NF, A-H2SO4         Nitrate-N + , Nitrate-N         total (00630)         Ammonia-N total (00610)         Total Kjeldahl-N         (         Chemical oxygen	IT Check prope (Non-filtered) Other-specify: m SAMPLES		F. NA           Calcium (00915)           Magnesium (00925)           Sodium (00930)           Potassium (00935)           Bicarbonate (00440)           Chloride (00945)           Total filterable residu (dissolved) (70300)           Other:           Nitrate-N + , Nitrate dissolved (00631)           Ammonia-N dissolved (00608)           Total Kjeldahl-N ()           Other:	5)	Units           mg/l	Date analyzed
AMPLE FIELD TREATMEN No. of samples submitted / N ALYTICAL RESULTS from NF. NA F.A ADD Conductivity (Corrected) 25°C (00095) Conductivity (Correct	IT Check prope (Non-filtered) Other-specify: m SAMPLES		F.         NA           Calcium (00915)           Magnesium (00925)           Sodium (00930)           Potassium (00935)           Bicarbonate (00440)           Chloride (00945)           Total filterable residu (dissolved) (70300)           Other:           Nitrate-N + , Nitrate dissolved (00631)           Ammonia-N dissolved (00608)           Total Kjeldanl-N ()	5)	Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	Date analyzed
AMPLE FIELD TREATMEN         No. of samples         submitted         J         NA: No acid added         NALYTICAL RESULTS from         NF. NA         F.A         Conductivity (Corrected)         25°C (00095)         Total non-filterable         residue (suspended)         (00530)         ♥ Other: /CAP         S Other: So         Other: CAP         NF, A-H2SO4         Nitrate-N + , Nitrate-N         total (00630)         Ammonia-N total (00610)         Total roganic carbon         (         )         Chemical oxygen         demand (00340)         Total organic carbon         (         )         Other:	IT Check prope (Non-filtered) Other-specify: m SAMPLES		F. NA           Calcium (00915)           Magnesium (00925)           Sodium (00930)           Potassium (00935)           Bicarbonate (00440)           Chloride (00945)           Total filterable residu (dissolved) (70300)           Other:           Nitrate-N + , Nitrate dissolved (00631)           Ammonia-N dissolved (00608)           Total Kjeldahl-N ()           Other:	5) 0) ue a-N ved Date R	Units           mg/l           mg/l	Date analyzed

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Lab Number: M 277Date Submitted: 2/10/36By: Bailey - Sample ele: <u>Aschnyr</u> from Lunhous Date Analyzed: <u>2/17/86</u> Reviewed By: <u>fin bably</u> Date Reported: <u>4/18/86</u>

Element	ICAP VALUE (MG/L)	AA VALUE (MG/L)
	<0.	in the second
Aluminum		
Barium	20.1	
Berylium	<0.	
Boron	0.5	
Cadmium	<0.1	
Calcium	24	
Chromium	40.1	
Cobalt	۷۵.۱	
Copper	20.1	
Iron	0.2	
Lead	20.1	
Magnesium	0.1	
Manganese	0.05	
Molybdenum	×0.1	
Nickel	40.1	
Silicon	76	
Silver		
Strontium	D.4	
Tin	20.1	
Vanadium	٢٥.١	
Zinc	<0.	
Arsenic		0.012
Selenium		<0.005
Mercury		

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SCIENTIFIC LA 700 Camino de S	BORATORY DIVISION Salud NE M 87106 — (505)	EN GI			CHEMISTRY NALYSIS
DATE RECEIVED 2 10 86 K Collection DATE 1 28 86	AB WC 563 USER 5930 SITE Sample location			235	
Collection TIME / 0 / 5 Collected by - Person/Agency RAILEY / JOHNSON -	ATION	00			REENHOUSES
ENVIRONMEN SEND NM OIL CON	TAL BUREAU SERVATION DIVISION Office Bldg, PO Box 208 NM 87501	8	Station/ well code		·
Bailed & Pump	Water level	Discharge		Sample ty	pe
Dipped Tap		65-70	gpm		1
pH (00400)	Conductivity (Uncorrected)	Water Temp. (00010)	• <b>°</b> C	Conductiv	ity at 25°C (00094) µmhc
Field comments <u>7.0.75</u> SAMPLE FIELD TREATMEN		MPLE FOR	F1660	TEST	<u>ک .</u>
Submitted / Contract of the su	Other-specify:	d F, NA			Units Date analyzed
Conductivity (Corrected) 25°C (00095)	μmho	Calcium (00915)	28.7 6.7.1 1:4.4		. mg/l . mg/l
Total non-filterable residue (suspended) (00530)	mg/l	፼          Sodium (00930)                 ፼          Potassium (00935)                 ፼          Bicarbonate (00440)                 ፼          Chloride (00940)	- <u>1.15</u> - <u>14</u>	4.7 18,6	mg/l mg/l mg/l2/18 mg/l2/20
□ Other:	<u></u>	- Di Sulfate (00945)		0.5	mg/I <u>2/ /8</u>
□ Other:	-164	<ul> <li>Total filterable residue</li> <li>(dissolved) (70300)</li> </ul>	31	10 .45	mg/1 3/13
NF, A-H2SO4		$X$ Other: $Co_3$ X $F$		,98	
Nitrate-N + , Nitrate-N total (00630)	mg/l	F, A-H <sub>2</sub> SO <sub>4</sub>	N		
Ammonia-N total (00610)	mg/l	dissolved (00631)			mg/l
☐ Total Kjeldahl-N ( )	mg/l	<ul> <li>Ammonia-N dissolve</li> <li>(00608)</li> </ul>	d		mg/l
Chemical oxygen     demand (00340)	mg/l	- Total Kjeldahl-N			mg/l
Total organic carbon ( )	mg/l	_ □ Other:	- <u></u>		
□ Other:		Analyst		eported	Reviewed by
		-1	3	24 86	l'illem
Laboratory remarks					

Albuquerque, i ATE ECEIVED 2 /0 56	NO. HM.282		59600 XX OTH	HER 822	235	
lection OATE	SITE	Sample location				
/ 28 86	INFORM- ATION	80	RGETT FRESH	WAT	ER WEL	. L
/ 0 / 5 Nected by - Person/Agency		Collection site description	~ 11/2 mi	1.15.	C CPCCU	MAUSES
AILEY / JOHNSOU	-000		10112 MI	<u> </u>	of PREEN	400363
ND NM OIL CO	NM 87501	VISION , PO Box 2088	-			
MPLING CONDITIONS	•		~	Station/ veil code Owner		·····
	Water level		Discharge	T	Sample type	
Dipped Tap			65-70 c	gpm		
H (00400)	Conductivity (Unc	orrected) µmho	Water Temp. (00010)		Conductivity at 25	°C (00094) µmho
eld comments	•^	· · · · ·				
<u> </u>	NOT .	ENOUGH SA	MPLE FOR 1	FIELD	TESTS.	
No. of samples / C No. submitted	NF: Whole sample (Non-filtered)	F. Filtered in f	ield with 🛛 🛛 A: 2m abrane filter	<del>nHH₂SO</del> ₄/L	added HNO	3
No. of samples / C N submitted / C N NA: No acid added C IALYTICAL RESULTS fro	NF: Whole sample (Non-filtered) Other-specify:	⊠ F: <sup>Filtered</sup> in f 0.45 µmen	nbrane filter 🗠 A: 211	<del>℩Ͱℍ₂ᢒ℺</del> ₄/Լ		
No. of samples submitted / ロト NA: No acid added ロ NALYTICAL RESULTS fro NF: NA F A ムルク;	NF: Whole sample (Non-filtered) Other-specify:	F. Filtered in f	hbrane filter A: 211	<del>nHH₂SO</del> ₄/L	Units	3 Date analyzed
No. of samples submitted / ロト NA: No acid added ロ IALYTICAL RESULTS fro <del>NF. NA F A ムのす</del>	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed	brane filter     A: 211       F, NA       Calcium (00915)	<del>1  H₂SO</del> ₄/L	Units mg/l	
No. of samples submitted / ロト NA: No acid added ロ IALYTICAL RESULTS fro NF: NA F A ムルフ : Conductivity (Corrected) 25°C (00095)	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	⊠ F: <sup>Filtered</sup> in f 0.45 µmen	hbrane filter A: 211	<del>nl H<sub>2</sub>SO</del> 4/L	Units mg/l _ mg/l _	
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NP. NA F A HAD Conductivity (Corrected) 25°C (00095) Total non-filterable	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed	F, NA           □ Calcium (00915)           □ Magnesium (00925)           □ Sodium (00930)           □ Potassium (00935)		Units mg/l _ mg/l _ mg/l	
No. of samples submitted / NA: No acid added IALYTICAL RESULTS fro NP: NA F A HAD a Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530)	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed	F, NA           □ Calcium (00915)           □ Magnesium (00925)           □ Sodium (00930)           □ Potassium (00935)           □ Bicarbonate (00440)		Units mg/I _ mg/I _ mg/I _ mg/I _	Date analyzed
No. of samples submitted / ロト NA: No acid added ロ IALYTICAL RESULTS fro NF: NA FA ムルク : Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: / CAP SCAN	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	⊠ F: Filtered in f 0.45 μmen Units Date analyzed μmho	F, NA           Calcium (00915)           Magnesium (00925)           Sodium (00930)           Potassium (00935)           Bicarbonate (00440)           Chloride (00940)		Units mg/I _ mg/I _ mg/I _ mg/I _ mg/I _	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A ∠/∧∂ = Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAN Other: Se	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed μmho mg/l	F, NA         □ Calcium (00915)         □ Magnesium (00925)         □ Sodium (00930)         □ Potassium (00935)         □ Bicarbonate (00440)         □ Chloride (00945)		Units mg/I _ mg/I _ mg/I _ mg/I _	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A ∠/∧∂ = Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAN Other: Se	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	⊠ F: Filtered in f 0.45 μmen Units Date analyzed μmho	F. NA         □ Calcium (00915)         □ Magnesium (00925)         □ Sodium (00930)         □ Potassium (00935)         □ Bicarbonate (00440)         □ Chloride (00945)		Units mg/I _ mg/I _ mg/I _ mg/I _ mg/I _	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A HAO 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Se Other: Go	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed μmho mg/l	F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue		Units mg/Img/I mg/Img/I mg/Img/Img/I	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A HAD Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAN Other: Se Other: Co	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed μmho mg/l	F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:		Units mg/Img/I mg/Img/I mg/Img/Img/I	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A HAO 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Se Other: Go	NF: Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in f 0.45 μmen Units Date analyzed μmho mg/l <u>- J/d/a</u> .	F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub>		Units mg/Img/I mg/Img/I mg/Img/Img/I	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A HAD = Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Se Other: Se Other: Co F. A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES	E F: Filtered in f 0.45 μmen Units Date analyzed μmho mg/l	F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4         Nitrate-N + , Nitrate-N		Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF. NA F A UNO : Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: JCAP SCAN Other: Se Other: Co F. A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610)	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub>		Units mg/Img/I mg/I mg/I mg/I mg/I	Date analyzed
No. of samples submitted / □ N □ NA: No acid added □ IALYTICAL RESULTS fro NF-NA F A L/NO = Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: /CAP SCAN Other: Se Other: Se Other: Co F. A-H2SO. Nitrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( )	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES	Image: Filtered in fil	F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)		Units mg/l _ mg/l _ mg/l _ mg/l _ mg/l _ mg/l _	Date analyzed
No. of samples submitted / □ N Submitted / □ N NA: No acid added □ NALYTICAL RESULTS fro NF, NA F A L/NO = Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Sa Other: Sa Other: Co F, A-H2SO. Nitrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( )	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + Nitrate-N dissolved (00631)         Ammonia-N dissolved		Units           mg/l	Date analyzed
No. of samples submitted / □ N Submitted / □ N NA: No acid added □ NALYTICAL RESULTS fro NP, NA F A AAO Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: SA Other: SA Other: Co F, A-H2SO. Nitrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340)	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F. A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)         Total Kjeldahl-N ( )		Units           mg/l	Date analyzed
Submitted         □       NA: No acid added         □       Nersea         □       Conductivity (Corrected)         25°C (00095)	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)		Units           mg/l	Date analyzed
No. of samples submitted / □ N Submitted / □ N NA: No acid added □ NALYTICAL RESULTS fro NF, NA F A HAO Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Se Other: Se Other: Co F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( ) Other:	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F. A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)         Total Kjeldahl-N ( )		Units           mg/l	Date analyzed
No. of samples submitted / □ N Submitted / □ N NA: No acid added □ NALYTICAL RESULTS fro NP, NA F A 400 = Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Sc Other: Sc Other: Co F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( )	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)         Total Kjeldahl-N (         (         Other:		Units           mg/l           mg/l	Date analyzed
No. of samples submitted       /       I         □       NA: No acid added       □         IALYTICAL RESULTS fro       IALYTICAL RESULTS fro         IALYTICAL RESULTS fro       IALYAD a         Conductivity (Corrected)       25°C (00095)         IALYTICAL RESULTS fro       IALYAD a         Conductivity (Corrected)       25°C (00095)         IALYTICAL RESULTS fro       IALYAD a         Conductivity (Corrected)       25°C (00095)         IALY for the state of	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)         Total Kjeldahl-N (         (         Other:		Units           mg/l           mg/l	Date analyzed
No. of samples submitted / □ N Submitted / □ N NA: No acid added □ NALYTICAL RESULTS fro NF, NA F A HAO Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: ICAP SCAN Other: Se Other: Se Other: Co F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( ) Other:	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES		F. NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631)         Ammonia-N dissolved (00608)         Total Kjeldahl-N (         (         Other:		Units           mg/l           mg/l	Date analyzed

Lab Number: 14 282
Date Submitted: 2/10/86
By: Barly
$\mathcal{T}$ .

Sample code: Burgett Fresh Water We
Date Analyzed: $2/17/86$
Reviewed By: Cappy
Date Reported: 4/18/86

Element	ICAP VALUE(MG/L)	AA VALUE ( $MG/L$ )
Aluminum	<u> </u>	
Barium	<u> 20.</u>	
Berylium	40.1	
Boron	20.	
Cadmium	40.]	
Calcium	<u>33.</u>	
Chromium	40.1	
Cobalt	40.)	
Copper	<b>2</b> D.	
Iron	40.1	
Lead	<u> </u>	
Magnesium	2.9	
Manganese	40.05	- · ·
Molybdenum	40.1	
Nickel	40.1	
Silicon	16.	
Silver	20.	
Strontium	D.2	
Tin	40.1	· · · · · · · · · · · · · · · · · · ·
Vanadium	20.1	1
Zinc	<u>+0.</u> ]	
Arsenic		<u>&lt;0.005</u> <0.005
Selenium		<0.005
Mercury		۰ <del>معمد معرف بروم .</del>

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DATE RECEIVED		LAB NO. WC 565 SITE	USER 5930	0 🗆 59600 🖄 O VRGETT IRRIG		235 ) wec	- L-	
Collection TIME 1040 Collected by - Person BAILEY		ATION	Collection site description					
SEND TINAL REPORT TO Attn SAMPLING CO	NM OIL CON State Land Santa Fe, <u>David Bo</u>	NM 87501	IVISION g, PO Box 208	8 .	Station/ well code			
D Bailed	🛱 Pump	Water level	······································	Discharge		Sample ty	rpe	
Dipped pH (00400)	🗆 Tap	Conductivity (Unc		1400 Water Temp. (00010)	gpm	Conduction	ity at 25°C (00004	
	7.0		600 µmho		<i>19</i> °C	Conductiv	rity at 25°C (00094	" μmho
Field comments	T.D. 250	<u> う ご</u>						
								********
SAMPLE FIEL	DTREATMEN	IT — Check prop	er boxes					
			<b>-</b>	44 A A A A A A A A A A A A A A A A A A				
No. of samples submitted	/ 🙀 N	F: Whole sample (Non-filtered)	F: Filtered in 0.45 µme		ml H₂SO₄/	L added		
submitted	<u> </u>	(Non-filtered)		field with	ml H₂SO₄/	L added		
submitted	cid added	Cther-specify:			ml H₂SO₄/	L added		·····
submitted	cid added	Cther-specify:	Ά <sup>, Γ</sup> <sup>•</sup> 0.45 μme	mbrane filter	ml H₂SO₄/	L added	Units Date a	nalyzed
submitted NA: No ac NALYTICAL NF, NA Conductivity (	Cid added	Cther-specify:		mbrane filter	64.	C <sup>2</sup>	Units Date a	nalyzed
submitted	Cid added	(Non-filtered) Other-specify: m SAMPLES	Ά <sup>, Γ</sup> <sup>•</sup> 0.45 μme	d F, NA Q Calcium (00915) Q Magnesium (00925)	<u> </u>	Q	_mg/i _ <u>2~10</u> _mg/i	nalyzed
submitted NA: No ac NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter	Cid added RESULTS from (Corrected)	(Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> <sup>••</sup> 0.45 μmei	d F, NA Q Calcium (00915) Magnesium (00925) Sodium (00930)	<u> </u>	Ų 2.3		nalyzed
submitted NA: No ac NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (susp	Cid added RESULTS from (Corrected)	r: (Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> 0.45 μmei Units Date analyzed	d F, NA Q Calcium (00915) Q Magnesium (00925)	<u> </u>	0 2.8 6 4	mg/l mg/l mg/l mg/l mg/l/15	
submitted NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (suspi (00530)	Cid added RESULTS from (Corrected)	(Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> <sup>••</sup> 0.45 μmei	d F, NA Q Calcium (00915) Q Magnesium (00925) Q Sodium (00930) Q Potassium (00935) Q Bicarbonate (00440) Q Chloride (00940) ●	<u> </u>	0 2.8 6 4 5 3 . 6	mg/llo mg/l mg/l mg/l mg/l mg/l/	\$ 20
submitted NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (suspi (00530) Other:	Cid added RESULTS from (Corrected)	r: (Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> 0.45 μmei	mbrane filter       □ A; 2         d       F, NA         ☑ Calcium (00915)         ☑ Magnesium (00925)         ☑ Sodium (00930)         ☑ Potassium (00935)         ☑ Bicarbonate (00440)         ☑ Chloride (00940)         ☑ Sulfate (00945)	64. 5 65 14 7	0 6 4 5 3 . 6 5 3	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	5 20 18
submitted NA: No ac NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (suspr (00530) Other: Other:	Cid added RESULTS from (Corrected)	r: (Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> 0.45 μmei	mbrane filter       A; 2         d       F, NA         Image: Calcium (00915)         Image: Calcium (00935)         Image: Calcium (00930)         Image: Potassium (00935)         Image: Bicarbonate (00440)         Image: Chloride (00940)         Image: Chloride (00945)	<u>64.</u> 12.5 13 14 14	0 6 4 5 3 . 6 5 3 4 5 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 20 23 3
submitted NA: No ac NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (susp (00530) Other: Other: Other:	Cid added RESULTS from (Corrected)	r: (Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> 0.45 μmei	<ul> <li>mbrane filter</li> <li>A; 2</li> &lt;</ul>	<u>64.</u> 12.5 1.5 14 14 14	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (suspr (00530) Other: Other: Other: NF, A-H <sub>2</sub> SO <sub>4</sub>	cid added RESULTS from (Corrected) rable ended)	r: (Non-filtered) Other-specify: m SAMPLES	Υ <sup>Π</sup> 0.45 μmei	mbrane filter       A; 2         d       F, NA         Image: Calcium (00915)         Image: Calcium (00935)         Image: Calcium (00930)         Image: Potassium (00935)         Image: Bicarbonate (00440)         Image: Chloride (00940)         Image: Chloride (00945)	<u>64.</u> 12.5 1.5 14 14 14	0 6 4 5 3 . 6 5 3 4 5 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 20 23 3
submitted NALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (suspr (00530) Other: Other: Other: NF, A-H <sub>2</sub> SO <sub>4</sub>	cid added RESULTS from (Corrected) rable ended)	r: (Non-filtered) Other-specify: m SAMPLES	Υ • 0.45 μmei	d       F, NA         Image: A (1, 2)         Image:	<u>64.</u> 17.5 52 1.5 14 14 14	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted X NA: No ac ANALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (susp (00530) Other: Other: Other: NF, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N <sup>+</sup> , N total (00630) Ammonia-N to	cid added RESULTS from (Corrected) (Corr	(Non-filtered) Other-specify: m SAMPLES	Υ 0.45 μmei	<ul> <li>mbrane filter</li> <li>A; 2</li> <li>A; 4</li> </ul>	<u>64.</u> 17.5 52 1.5 14 14 14	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted X NA: No ac ANALYTICAL NF, NA Conductivity ( 25°C (00095) Total non-filter residue (susp (00530) Other: Other: Other: NF, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N <sup>+</sup> , N total (00630) Ammonia-N to	cid added RESULTS from (Corrected) (Corr	(Non-filtered) Other-specify: m SAMPLES	Υ F: 0.45 μmei	mbrane filter       □ A; 2         d       F, NA         ☑ Calcium (00915)         ☑ Magnesium (00925)         ☑ Sodium (00930)         ☑ Potassium (00935)         ☑ Bicarbonate (00440)         ☑ Chloride (00940)         ☑ Sulfate (00945)         ☑ Total filterable residue (dissolved) (70300)         ☑ Other:         ☑ Total filterable residue (dissolved) (70300)         ☑ Other:         ☑ A:         I Nitrate-N +, Nitrate-N dissolved (00631)         □ Ammonia-N dissolved	<u>64.</u> 12.5 1.5 14 7 4	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted	cid added RESULTS from (Corrected) (Corr	(Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze         μmho	mbrane filter       □ A; 2         d       F, NA         ☑ Calcium (00915)         ☑ Magnesium (00925)         ☑ Sodium (00930)         ☑ Potassium (00935)         ☑ Bicarbonate (00440)         ☑ Chloride (00940)         ☑ Sulfate (00945)         ☑ Total filterable residue (dissolved) (70300)         ☑ Other:       2         ✓       F, A-H₂ SO₄         □ Nitrate-N +, Nitrate-N dissolved (00631)         □ Ammonia-N dissolved (00608)	<u>64.</u> 12.5 1.5 14 7 4	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted	cid added RESULTS from (Corrected) (Corr	(Non-filtered) Other-specify: m SAMPLES	Υ F: 0.45 μmei	mbrane filter       A; 2         d       F, NA         Q       Calcium (00915)         Q       Sodium (00925)         Q       Sodium (00930)         Q       Potassium (00935)         Q       Bicarbonate (00440)         Q       Chloride (00945)         Q       Chloride (00945)         Q       Other:         Color:       C         Q       Other:         Color:       C         X       F         F, A-H2 SO4       F         Nitrate-N + , Nitrate-N dissolved (00631)       Ammonia-N dissolved (00631)         Ammonia-N dissolved (00608)       Total Kjeldahl-N ()         ()       )	<u>64.</u> 12.5 1.5 14 7 4	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3, 3, 8
submitted	cid added RESULTS from (Corrected) (Corr	(Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze	mbrane filter       □ A; 2         d       F, NA         ☑ Calcium (00915)         ☑ Magnesium (00925)         ☑ Sodium (00930)         ☑ Potassium (00935)         ☑ Bicarbonate (00440)         ☑ Chloride (00940)         ☑ Sulfate (00945)         ☑ Total filterable residue (dissolved) (70300)         ☑ Other:       2         ✓       F, A-H₂ SO₄         □ Nitrate-N +, Nitrate-N dissolved (00631)         □ Ammonia-N dissolved (00608)	<u>64.</u> 12.5 1.5 14 7 4	0 6 4 5 3 . 6 5 3 6 5 3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l z/ mg/l z/ mg/l	3, 3, 8
submitted	cid added RESULTS from (Corrected) (Corr	r: (Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze	mbrane filter       □ A; 2         d       F, NA         Q       Calcium (00915)         Q       Magnesium (00925)         Q       Sodium (00930)         Q       Potassium (00935)         Q       Bicarbonate (00440)         Q       Chloride (00940)         Q       Chloride (00945)         Q       Total filterable residue (dissolved) (70300)         Q       Other:         C       F, A-H₂ SO4         I       Nitrate-N + , Nitrate-N dissolved (00631)         I       Ammonia-N dissolved (00608)         I       Total Kjeldahl-N (         I       Other:	<u>64</u> <u>125</u> <u>55</u> <u>14</u> <u>14</u> <u>4</u> <u>6</u>	0 6 4 53.6 53 780 0.99	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	3, 3, 8
submitted	cid added RESULTS from (Corrected) (Corr	r: (Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze	mbrane filter       A; 2         d       F, NA         Q       Calcium (00915)         Q       Sodium (00925)         Q       Sodium (00930)         Q       Potassium (00935)         Q       Bicarbonate (00440)         Q       Chloride (00945)         Q       Chloride (00945)         Q       Other:         Color:       C         Q       Other:         Color:       C         X       F         F, A-H2 SO4       F         Nitrate-N + , Nitrate-N dissolved (00631)       Ammonia-N dissolved (00631)         Ammonia-N dissolved (00608)       Total Kjeldahl-N ()         ()       )	6.4. 5.2 6.5 144 7 _7	0 6 4 53.6 53 780 0.99	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l z/ mg/l z/ mg/l	2 20 2 2 3 3 3 4 7
submitted	cid added RESULTS from (Corrected) rable ended) litrate-N otal (00610) N gen 40) carbon	r: (Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze	mbrane filter       □ A; 2         d       F, NA         Q       Calcium (00915)         Q       Magnesium (00925)         Q       Sodium (00930)         Q       Potassium (00935)         Q       Bicarbonate (00440)         Q       Chloride (00940)         Q       Chloride (00945)         Q       Total filterable residue (dissolved) (70300)         Q       Other:         C       F, A-H₂ SO4         I       Nitrate-N + , Nitrate-N dissolved (00631)         I       Ammonia-N dissolved (00608)         I       Total Kjeldahl-N (         I       Other:	6.4. 5.2 6.5 144 7 _7	0 6 6 7 5 3 6 5 3 7 8 0 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	2 20 2 2 3 3 3 4 7
submitted	cid added RESULTS from (Corrected) rable ended) litrate-N otal (00610) N gen 40) carbon	r: (Non-filtered) Other-specify: m SAMPLES	Ψ       Γ       0.45 μmei         Units Date analyze	mbrane filter       □ A; 2         d       F, NA         Q       Calcium (00915)         Q       Magnesium (00925)         Q       Sodium (00930)         Q       Potassium (00935)         Q       Bicarbonate (00440)         Q       Chloride (00940)         Q       Chloride (00945)         Q       Total filterable residue (dissolved) (70300)         Q       Other:         C       F, A-H₂ SO4         I       Nitrate-N + , Nitrate-N dissolved (00631)         I       Ammonia-N dissolved (00608)         I       Total Kjeldahl-N (         I       Other:	6.4. 5.2 6.5 144 7 _7	0 6 6 7 5 3 6 5 3 7 8 0 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	2 20 2 2 3 3 5 4 7

	SCIENTIFIC LAE 700 Camino de S	Ith and Environment BORATORY DIVISION Salud NE A 87106 — (505) 8=1-3	N	PF G		METAK NATER CHEN OGEN ANAL	
DATE RECEIVED 2	10 26 N	АВНИ 230		o	THER: 82	235	
Collection DATE / 28 86 Collection TIME		SITE				WELL	
1040 Collected by Person/A	gency		Collection site description	~2mi su	) of e	GREEN HOU	5E S
BAILEY /J	OHNSON -	000		······································			
SEND TINAL REPORT	ENVIRONMENT VM OIL CONS State Land Santa Fe, f David Boy	SERVATION DI Office Bidg NM 87501	/ISION PO Box 208	3	Station/ well code		
AMPLING CO	NDITIONS				Owner	-	
<ul> <li>Bailed</li> <li>Dipped</li> </ul>	⊠ Pump □ Tap	Water level		Discharge 1400	o gpm	Sample type	
pH (00400)	р. д	Conductivity (Unco	rrected) 600 µmho	Water Temp. (00010)	19 °C	Conductivity at 2	5°C (00094) µmho
NALYTICAL F	A HNO3	SAMPLES	Units Date analyze			Units	Date analyzed
Conductivity (C 25°C (00095)		<i>h</i>	/mho	Calcium (00915) C Magnesium (00925) Sodium (00930)	)	mg/l mg/l mg/l	
Total non-filtera residue (suspe (00530)	nded) 		mg/l	Potassium (00935)     Bicarbonate (00440     Chloride (00940)	)		
足 Other: / CA i 注 Other: しょ		0. etcs	5/1978e	- 🗆 Sulfate (00945)		mg/l	
⊡ Other: Qo		<u></u>	4/7/86	<ul> <li>Total filterable residu</li> <li>(dissolved) (70300)</li> <li>Other:</li> </ul>	e 	ma/l	
NF, A-H2SO4				F, A+H <sub>2</sub> SO <sub>4</sub>		·····	
<ul> <li>Nitrate-N + , Ni total (00630)</li> <li>Ammonia-N to</li> </ul>			mg/l	- 🗆 Nitrate-N + , Nitrate-	N		
⊂ Total Kjeldahl-I ( )	, ,		mg/l	<ul> <li>dissolved (00631)</li> <li>Ammonia-N dissolv</li> <li>(00608)</li> </ul>	ed	mg/l	
Chemical oxyg demand (0034	0)		mg/l	- Total Kjeldahl-N ()		mg/l	
( )		····	mg/i	- Other:			. <u></u>
<ul> <li>Other:</li> <li>Other:</li> </ul>			•	Analyst	Date R 4	eported Revie	wed by 7A
Laboratory remark	s					7	<u> </u>
SLD 726 (12/84							

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Lab Number: 280
Date Submitted: 2/10/86
By: Bailey
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Sample Ode: Burgett Dirigation Welk
Date Analyzed: 2/17/86
Reviewed By:
Date Reported: 4/18/86

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	Element	ICAP VALUE (MG/L)	AA VALUE (MG/L)
	Aluminum	<0.1	
	Barium	~0.1	
	Berylium	<0.1	
	Boron	20.1	
	Cadmium	20.	
	Calcium	<u>72,</u>	
	Chromium	<0.[	
	Cobalt	<0.	
	Copper	<u> </u>	
	Iron	<0.1	
<b>ب</b>	Lead	<0.1	
	Magnesium	6.5	
	Manganese	<0.05	
	Molybdenum	<u> </u>	
	Nickel	<0.	
	Silicon	15.	
	Silver	40.1	
	Strontium	0.4	
	Tin		
	Vanadium	40.1	
	Zinc	40.1	
	Arsenic		<u>&lt;0.005</u> <0.005
	Selenium		<0.005
	Mercury		

and the second second

SCIENTIFIC LA 700 Camino de	alth and Environment Department BORATORY DIVISION Salud NE M 87106 — (505) 8	FN G	ENERAL W	ATER CHEM	IISTRY YSIS
DATE RECEIVED 2 10 86	ABWC 564 USER D 5	9300 🗆 59600 🕅	THER: 822	35	
Collection DATE	SITE INFORM-► ATION	VALLEY VIEW	commu	NITY C	HURCH
 Collected by - Person/Agency BAILEY / JOHNSON -	Collection site descr	iption ~ zmi We	ST of	BURGETT	FACILITIE
	SERVATION DIVISION Office Bldg, PO Box 2 NM 87501	088	Station/ well code		
AMPLING CONDITIONS			Owner		
□ Bailed □ Pump □ Dipped 12/ Tap	Water level	Discharge		Sample type	
рн (00400) 7.4	Conductivity (Uncorrected) 2 4 / μmh	Water Temp. (00010)	// °C	Conductivity at 25	5°C (00094) µmho
No. of samples submitted / IP NI	「: (Non-filtered) ギビ: 0.45 μ Other- <i>specify:</i>	d in field with <b>A:</b> 2 membrane filter	ml H₂SO₄/L	. added	
NALYTICAL RESULTS from NF, NA	n SAMPLES Units Date analy			Units	Date analyzed
Conductivity (Corrected) 25 °C (00095)	μmho	☑ Calcium (00915) ☑ Ø Magnesium (00925)		<u>2.1</u> mg/l <u>44</u> mg/l	2-10 .1
	mg/l	<ul> <li>Image: Ref 2 minipage</li> <li>Im</li></ul>	l.[ I.S		2/18
□ Other: □ Other: □ Other:		Sulfate (00945)     Total filterable residue     (dissolved) (70300)		<u>-58</u> mg/l	2/18 3/13
NF, A-H₂SO₄		Y Cother: CO3	<u> </u>	0/7	2/18
☐ Nitrate-N + , Nitrate-N total (00630)	mg/l	F, A-H <sub>2</sub> SO <sub>4</sub>			
Total Kjeldahl-N ( )	mg/l mg/l	dissolved (00631)		mg/l	
Chemical oxygen demand (00340)	mg/l	Total Kjeldahl-N () Other:		mg/l	
	mg/l				
Total organic carbon ( ) Other: Other:	mg/l	Analyst	Date Rep 2 ک	Dorted Review	yeopy Ulan

	SCIENTIFIC LAB 700 Camino de S		N	•		METAL VATER CHE OGEN ANA	,
11		18/108-(303) 841				235	
Collection DATE	10 100 11	SITE	Sample location				
/ 28 86 Collection TIME /030		INFORM- >	Collection site description			νιτγ	
Collected by - Person/Ag	ency 4 <i>NSON</i> - (			~ zmi W	<u>EST_OF</u>	BURGET	T FACILITIE
NAL S REPORT S O S Attn: -	tate Land anta Fe, N <u>David Bo</u> y	ERVATION DI Office Bldg MM 87501	VISION , PO Box 2088	}	Station/ well code		
AMPLING CON		Mator Invol		Discharge		Sample type	
	∃ Pump Ø Tap	Water level		Discharge		Sample type	
pH (00400)	7.4	Conductivity (Unc	orrected) 24/μmho	Water Temp. (00010)	// °C	Conductivity at	25°C (00094) µmhi
	SULTS from	SAMPLES	Units Date analyzed	I F, NA		Unit	s Date analyzed
Conductivity (Co 25 °C (00095)	orrected) 		μmho	Calcium (00915) Calcium (00925) Calcium (00925) Calcium (00930)		mg/ mg/ mg/	1
Total non-filterat residue (suspen (00530)			_ mg/l	<ul> <li>Potassium (00935)</li> <li>Bicarbonate (00440)</li> </ul>		mg/	1
Cother: ICAP S			-	Chloride (00940)		mg/ mg/	
☑ Other: S∡ ☐ Other: 📿		<u>6.605</u> 6.605	<u>2//4/146</u> 4/2/36	<ul> <li>Guinate (00945)</li> <li>Total filterable residu (dissolved) (70300)</li> </ul>			
NF, A-H2SO4				C Other:	·	<u> </u>	
Nitrate-N+, Nitr	ate-N			F, A-H <sub>2</sub> SO <sub>4</sub>			
total (00630)		<u> </u>	. mg/l . mg/l	Nitrate-N+, Nitrate	-N		
_ Ammonia-N tota _ Total Kjeldahl-N		· · · · · · · · · · · · · · · · · · ·	. '''YA	dissolved (00631)		mg/	1
() Chemical oxyge		3 	. mg/l	(00608)	- <u></u>	mg/	I
demand (00340	) rbon		. mg/l	Total Kjeldahl-N ()		mg/	l
( ) □ Other:			mg/l			······	
C Other:			· · · · · · · · · · · · · · · · · · ·	Analyst	Date Re	ported Rev	iewed by 74
Laboratory remarks		··· .				- · · · · Ø	
		······		***************************************			*****

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Eab Number:  $M_{28}$ Date Submitted: 2/10/86 By: Bailey

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Sample De: Valley View Comm. Chuch Date Analyzed: 2/17/86 Reviewed By: July Date Reported 4/18/86

Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
Aluminum	20.1	
Barium	40.1	
Berylium	<0.1	
Boron	<0.1	
Cadmium	40.1	
Calcium	26.	
Chromium	40.1	
Cobalt	<0.(	
Copper	<0.(	
Iron	<0.1	
Lead	<0.	·
Magnesium	2.3	
Manganese	40.05	
Molybdenum		
Nickel	<u>~0.(</u>	
Silicon	16.	
Silver		
Strontium	0.2	
Tin	20.1	
Vanadium	<0.1	
Zinc	0.4	
Arsenic		<u>&lt;0,005</u> <0,005
Selenium		<0.005
Mercury		

	SCIENTIFIC LAE 100 Camino de S	alth and Environmen BORATORY DIVISIO Balud NE M 87106 — (505) 84	)N	FN GI			HEMIST	
	10 86 N	AB WC 561	USER CODE 59300	o □ 59600 🕅 C	THER: 82	235		
Collection DATE / Z8 86 Collection TIME		SITE INFORM- ► ATION		EALL WEL	L			
LUOD Collected by Person/Ag			Collection site description	~ 3/4 MILE	WEST	07	BURGE	7
BAILEY / JOI	4NSON -	000	[		<i>FA</i>	CILITIE	55	
SEND N FINAL S REPORT S TO S	M OIL CON	NM 87501	VISION , PO Box 2088	3				
					Station/	<u></u>		
					weil code Owner			<u> </u>
SAMPLING CON		F						
Dipped	≵ Pump ∃ Tap	Water level		Discharge		Sample typ		
pH (00400)	6.7	Conductivity (Unco	orrected) 490 μmho	Water Temp. (00010)	/7.5 °C	Conductivi	ty at 25°C (0	0094) µmho
Field comments	T.O. 12	51						
X NA: No acid			Units Date analyzed	I F. NA			Units Da	te analyzed
X Conductivity (Co	reated)			Calcium (00915)	59.2		mg/l _ <u>2~/</u>	
25°C (00095)     Total non-filterab		<u></u>	µmho	<ul> <li>Calcium (00913)</li> <li>Magnesium (00925)</li> <li>Sodium (00930)</li> <li>Potassium (00935)</li> </ul>		7	mg/l mg/l mg/l mg/l	
residue (suspend (00530) Other:	ded) 		mg/l	Bicarbonate (00440)	•3	1.2	mg/l mg/l	18
D Other:				<ul> <li>I Sulfate (00945)</li> <li>I Total filterable residue</li> </ul>		47	mg/l2	118
Other:				(dissolved) (70300)	<u> </u>	43	mg/l3	115
NF, A-H₂SO₄				× F		,00		2/27
Nitrate-N + , Nitratotal (00630)	ate-N		mg/l	F, A-H <sub>2</sub> SO <sub>4</sub>				
Ammonia-N tota	(00610)		mg/l	dissolved (00631)			mg/l	
Total Kjeldahl-N ()			mg/l	Ammonia-N dissolve	d		ma/l	
Chemical oxyger demand (00340)			mg/l	- (00608)			mg/l	
Total organic cari ( )	bon		mg/l	( ) □ Other: -			mg/l	
Other:	- <del></del>	······································		Analyst	Date R	eported	Reviewed)b	1
Other:		•			3 2	24 86	1.2	2 France
Laboratory remarks			****					
		······	£				**************	
LD 728 /16/84	BIETBIELITIA		AWALINA BURAN	FANARY - WS System	מואע פיי		a colo	

WHITE - EID, GWAHW Dureau

NARY - WS System PINK -

GOLDENROD - SLD

ATE RECEIVED 2	10 126 N	0. 14m.278		o 🗆 59600 💥 c	THER: 82	235		
/ Z8 86		SITE	Sample location	REALL WEL				
Ilection TIME		ATION	Collection site description					
liected by - Person/Ag		oco :		~ 1/4 MILE	WEST FAC	0+ 216171	<u>BURGETT</u> ES	
ND N IAL S	M OIL CONS		VISION , PO Box 208	8. 8. 1986				
	David Boy			and the second s			*******	
-uu		J. <del></del>			Station/ well code			
	DITIONS			, jt	Owner			
	≥ Pump ∃ Tap	Water level	-1.	Discharge	1	Sample ty	ype	
H (00400)	6.7	Conductivity (Unco	orrected) チタン µmho	Water Temp. (00010)	∕7.5 °C	Conductiv	vity at 25°C (0009	14) µmt
eid comments	T.D. 12	25 1						
No. of samples submitted	TREATMEN /	(Non-filtered) Other- <i>specify:</i>	Filtered in	field with 🛛 🗷 - A: 2 mbrane filter		L added	HNO3	
MPLE FIELD No. of samples submitted NA: No acid NALYTICAL RI	TREATMENT /	Whole sample (Non-filtered) Other-specify:	Filtered in	mbrane filter 🗠 A: z	mf H₂S⊖₄/	L added	· · · · ·	analyzec
No. of samples submitted NA: No acid IALYTICAL RI	TREATMEN / ロNF added ロC ESULTS from ガルシュ <sub>ス</sub>	Whole sample (Non-filtered) Other- <i>specify:</i>	<b>≩ F:</b> <sup>Filtered in 0.45 μme</sup>	d F; NA		L added	Units Date : mg/l	analyzec
No. of samples submitted NA: No acid NP: NA F.A Conductivity (Co 25°C (00095)	TREATMENT / INF added IC ESULTS from $\mu N \sigma_3$ prrected)	Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in 0.45 μme	mbrane filter ←A: Z d F; NA C Calcium (00915) G Magnesium (00925) G Sodium (00930)		L added	Units Date : mg/l mg/l	analyze
No. of samples submitted NA: No acid ALYTICAL RI NP: NA F.A Conductivity (Co 25°C (00095) Total non-filterat residue (suspen	TREATMENT	Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in 0.45 μmei	mbrane filter         A:         Z           d         Fr         NA            Calcium (00915)            Magnesium (00925)            Sodium (00930)            Potassium (00935)			Units Date : mg/l mg/l mg/l	analyze
Io. of samples ubmitted □ NA: No acic ALYTICAL RI NF: NA F_A Conductivity (Co 25 °C (00095) Total non-filterat residue (suspen (00530)	TREATMENT	Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in 0.45 μme	mbrane filter         A:         Z           d         Fr         NA           Calcium (00915)         Agnesium (00925)           Sodium (00930)         Potassium (00935)           Bicarbonate (00440)         Chloride (00940)			Units Date : mg/l mg/l	analyze
No. of samples submitted NA: No acid ALYTICAL Ri NP: NA F.A Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CA F	TREATMENT	Whole sample (Non-filtered) Other-specify: SAMPLES	EF: Filtered in 0.45 μmei Units Date analyzer μmho mg/l <u>3 μου2 C</u>	mbrane filter         A:         Z           d         Fr         NA            Calcium (00915)            Magnesium (00925)            Sodium (00930)            Potassium (00935)            Bicarbonate (00440)            Chloride (00940)            Sulfate (00945)			Units Date : mg/l mg/l mg/l mg/l mg/l	analyze
No. of samples submitted NA: No acid ALYTICAL Ri NP: NA F.A Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CA F	TREATMENT	Whole sample (Non-filtered) Other- <i>specify:</i>	E F: Filtered in 0.45 μmei Units Date analyzer μmho	d F, NA Calcium (00915) Calcium (00915) Calcium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Calcium (00945) Calcium (00945)			Units Date mg/l mg/l mg/l mg/l mg/l mg/l	anaiyze
No. of samples submitted NA: No acid ALYTICAL RI NP: NA F_A Conductivity (Co 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAP Other: Se Other: Se Other: Ge	TREATMENT	Whole sample (Non-filtered) Other-specify: SAMPLES	EF: Filtered in 0.45 μmei Units Date analyzer μmho mg/l <u>3 μου2 C</u>	d       Fr       NA			Units Date mg/l mg/l mg/l mg/l mg/l mg/l mg/l	analyze
Io. of samples ubmitted <b>NA:</b> No acid <b>ALYTICAL RI</b> <b>NP: NA</b> <u>F</u> <u>A</u> Conductivity (Co 25 °C (00095) Total non-filterate residue (suspen (00530) Other: <i>/CAP</i> Other: <i>Se</i> Other: <i>Se</i> Other: <i>Se</i> Nitrate-N + Nith	TREATMENT	Whole sample (Non-filtered) Other-specify: SAMPLES	F:       Filtered in 0.45 μmer         Units Date analyzed         μmho         , mg/l         201001210         201001210	d       F. NA			Units Date mg/l mg/l mg/l mg/l mg/l mg/l mg/l	anaiyze
A. of samples ubmitted ALYTICAL RI NA: No acid ALYTICAL RI NP: NA F_A Conductivity (Co 25 °C (00095) Total non-filterat residue (suspen (00530) Other: /CA P Other: Se Other: Se Other: Se Nitrate-N +, Nith total (00630)	TREATMENT	Whole sample (Non-filtered) Other-specify: SAMPLES	EF: Filtered in 0.45 μmei Units Date analyzer μmho mg/l <u>3 μου2 C</u>	mbrane filter			Units Date i mg/l mg/l mg/l mg/l mg/l mg/l	analyze
Io. of samples ubmitted NA: No acid ALYTICAL RI NP: NA FA Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAF Other: Se Other: Se Other: Se Other: A Nitrate-N +, Nitr total (00630) Ammonia-N tota Total Kjeldahl-N	TREATMENT / INF d added I O ESULTS from $\mu/\mu \partial_{3}$ prrected) ble ded) SCA 	Whole sample (Non-filtered) Other-specify: SAMPLES		d       F. NA			Units Date mg/l mg/l mg/l mg/l mg/l mg/l mg/l	anaiyze
No. of samples submitted NA: No acid ALYTICAL RI NP: NA F_A Conductivity (Co 25 °C (00095) Total non-filterat residue (suspen (00530) Other: /CA P Other: Se Other: Se Other: Se Other: Se Other: A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nith total (00630) Ammonia-N tota Total Kjeldahl-N ( ) Chemical oxyge	TREATMENT / INF d added IC ESULTS from $\mu \mu \partial_{\chi}$ prrected) SCA rate-N al (00610)	Whole sample (Non-filtered) Other-specify: SAMPLES		mbrane filter			Units Date i mg/l mg/l mg/l mg/l mg/l mg/l	anaiyze
No. of samples Submitted NA: No acid NA: No acid NA: No acid NP: NA FA Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAP Other: Se Other: Se Other: Se Other: A Nitrate-N +, Nitr total (00630) Ammonia-N tota Total Kjeldahl-N () Chemical oxyge demand (00340 Total organic ca	TREATMENT / INF d added I O ESULTS from $\mu/\mu \partial_{3}$ prrected) ble ded) SCA 	Whole sample (Non-filtered) Other-specify: SAMPLES	E:       Filtered in 0.45 μmer         Units Date analyzer         μmho         μmho         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l	mbrane filter			Units         Date           mg/l	
No. of samples Submitted NA: No acid NA: No acid NA: No acid NA: No acid NP: NA FA Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAP Other: Se Other: Se Other: Se Other: Se Other: Se Other: A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nith total (00630) Ammonia-N tota Total Kjeldahl-N ( ) Chemical oxyge demand (00340 Total organic ca ( )	TREATMENT / INF d added I O ESULTS from $\mu/\mu \partial_{3}$ prrected) ble ded) SCA 	Whole sample (Non-filtered) Other-specify: SAMPLES		mbrane filter			Units         Date           mg/l	
No. of samples Submitted NA: No acid ALYTICAL RI NF.NA FA Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAP Other: Se Other: Se Other: Se Other: Se Other: A Nitrate-N +, Nitr total (00630) Ammonia-N tota Total Kjeldahl-N ( ) Chemical oxyge demand (00340 Total organic ca ( ) Other:	TREATMENT / INF d added I O ESULTS from $\mu/\mu \partial_{3}$ prrected) ble ded) SCA 	Whole sample (Non-filtered) Other-specify: SAMPLES	E:       Filtered in 0.45 μmer         Units Date analyzer         μmho         μmho         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l	mbrane filter		eported	Units         Date           mg/l	
No. of samples submitted NA: No acid IALYTICAL RI NP:NA FA Conductivity (Cd 25°C (00095) Total non-filterat residue (suspen (00530) Other: /CAP Other: Se Other: Se Other: Se Other: Se Other: A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitr total (00630) Ammonia-N tota Total Kjeldahl-N ( ) Chemical oxyge demand (00340 Total organic ca ( )	TREATMENT / INF d added IC ESULTS from $\mu/\nu \sigma_z$ prinected) SCA 200 rate-N al (00610) m pron	Whole sample (Non-filtered) Other-specify: SAMPLES	E:       Filtered in 0.45 μmer         Units Date analyzer         μmho         μmho         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l         .mg/l	mbrane filter			Units         Date           mg/l	

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Lab Number: 278Date Submitted: 2/10/86By: Bailing

Sample Ode: Beall Well Date Analyzed: 2/17/86 ashly Reviewed By: 4/121 Date Reported

Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
Aluminum	20.1	
Barium	20.1	
Berylium	<u> </u>	
Boron	20.1	
Cadmium	40.1	
Calcium	59.	
Chromium	<0.1	
Cobalt	40.1	
Copper	20.1	
Iron	<u> </u>	
Lead		
Magnesium	5,5	
Manganese	40.05	
Molybdenum	<u> </u>	
Nickel	40.1	
Silicon	16.	
Silver	<u> </u>	
Strontium	0,5	
Tin	20.1	
Vanadium	<u> ~0.1</u>	
Zinc	0.8	
Arsenic		<u>&lt;0.005</u> <0.005
Selenium		<0.005
Mercury		

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SCIENTIFIC LA	alth and Environment Department BORATORY DivISION Salud NE M 87106 — (505) 841-2555		ENERAL V and NITR		HEMISTRY NALYSIS
Collection DATE 1 28 86 Collection TIME 0900	AB IO. WC 562 USER 59300 SITE INFORM SITE ATION Collection site description	URGETT GEO	THER: 822	TAL (	WELL SS VALVE AT
REPORT State Land	TAL BUREAU SERVATION DIVISION Office Bldg, PO Box 2088	3	Station/ well code		<u>L 4EAS</u>
AMPLING CONDITIONS			Owner DAL	E BUR	5677
Bailed R Pump Dipped Tap	Water level STATIC W.C. 65' DEPTH TO WATER 90'	Discharge 300 gpr	 رىر	Sample typ	De
рн (00400) 8. /	Conductivity (Uncorrected) 29συ μmho	Water Temp. (00010)	<b>48</b> °C	Conductivi	ty at 25°C (00094) µmhc
No. of samples submitted / N X NA: No acid added 0 NALYTICAL RESULTS from	Other- <i>specify:</i>	nbrane filter <b>A:</b> 2	mi H₂SO₄/	L added	
NF, NA	Units Date analyzed	I F, NA			Units Date analyzed
	μmho mg/l	Image: Application of the system         Calcium (00915)           Image: Application of the system         Magnesium (00925)           Image: Application of the system         Sodium (00930)           Image: Application of the system         Potassium (00935)           Image: Application of the system         Potassium (00935)           Image: Application of the system         Bicarbonate (00440)           Image: Application of the system         Chloride (00940)           Image: Application of the system         Sulfate (00945)	5	7	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Other:		<ul> <li>Total filterable residue</li> <li>(dissolved) (70300)</li> </ul>		95	mg/13/13
NF, A-H2SO4		Contraction Cos	<u> </u>	<u>0</u>	-7/18/
<ul> <li>Nitrate-N + , Nitrate-N total (00630)</li> <li>Ammonia-N total (00610)</li> <li>Total Kjeldahl-N ( )</li> <li>Chemical oxygen demand (00340)</li> <li>Total organic carbon ( )</li> </ul>	mg/l mg/l mg/l mg/l mg/l mg/l	F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N dissolved (00631) Ammonia-N dissolve (00608) Total Kjeldahl-N () Other:			mg/l mg/l mg/l
Other:      Other:		Analyst		eported 24 SC	Reviewed by
Laboratory remarks	ON: WHITE — EID, GW&HW Bureau	CANARY — WS System	PINK — FI	D Local Offic	ce <b>GOLDENROD</b> — SL

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700 Camino o Albuquerque	Health and Environment LABORATORY DIVISIO le Salud NE NM 87106 — (505) 841-	N			VATER CHEMI OGEN ANALY	
DATE RECEIVED 2 10 86	LAB 14M 279	USER CODE - 59300	o	<sub>ГНЕВ: 🚡</sub> 822	235	
Collection DATE	SITE		URGETT GEO	THERM	TAL WEL	۷
Collection TIME 0900	ATION	Collection site description	- <u></u>	<u></u>		
Collected by - Person/Agency BAILEY / JOHNSON	-000	<u>.</u>	7 7 255	$m_{\mu}\omega$	BYPASS WELLHER	
END NM OIL CO INAL State La	•	VISION , PO Box 208	APH 2 8 1986	Station/		
				well code	, 	
AMPLING CONDITIONS		1. j.		DAL	E BURGETT	-
Bailed	Water level STA DEPTH TO	WATER 90'	Discharge 300 gp	m	Sample type	
pH (00400) 8. /	Conductivity (Unco	prrected)	Water Temp. (00010)	48 °C	Conductivity at 25	°C (00094) µmha
	· · · · · ·				· · · · · · · · · · · · · · · · · · ·	
Submitted /	NF: Whole sample (Non-filtered)	F: Filtered in	field with 🛛 🔀 A: 🕹	<del>ml H₂SO₄</del> /I	Ladded みんど	3
No. of samples /	NF: Whole sample (Non-filtered)	F: Filtered in	mbrane filter 🗹 A: 左	<del>ml H₂SO</del> ∡/I	L added イイルン Units	Date analyzed
No. of samples submitted /	NF: Whole sample (Non-filtered)	<b>Ε F:</b> Filtered in 0.45 μme	d F, NA	<del>ml    <sub>2</sub>SO</del> ₄/I	Ünits mg/l	
No. of samples submitted / NA: No acid added NALYTICAL RESULTS fr NF: NA F A HOO Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended)	NF: Whole sample (Non-filtered)	<b>⊠ F</b> : Filtered in 0.45 μme Units Date analyze	d F, NA		Units mg/l	Date analyzed
No. of samples submitted / NA: No acid added ANALYTICAL RESULTS fr NF: NA デ A ルンク Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Cother: ICAP SCAN	NF: Whole sample (Non-filtered)		d         F, NA            Calcium (00915)            Magnesium (00925)            Sodium (00930)            Potassium (00935)            Bicarbonate (00440)            Chloride (00940)		Units mg/i mg/i mg/i mg/i mg/i	Date analyzed
No. of samples submitted / □ NA: No acid added □ NALYTICAL RESULTS fr NF: NA F A 400 25°C (00095) □ Conductivity (Corrected) 25°C (00095) □ Total non-filterable residue (suspended) (00530) ♀ Other: ICAP SCAN ≥ Other: Sc	NF: Whole sample (Non-filtered)	<b>⊠ F</b> : Filtered in 0.45 μme Units Date analyze	d F, NA Calcium (00915) Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Chloride (00945) Chlate (00945) Total filterable residue		Units mg/l mg/l mg/l mg/l mg/l	Date analyzed
No. of samples submitted / □ NA: No acid added □ ANALYTICAL RESULTS fr NF:NA F.A. H.D.O. Conductivity (Corrected) 25°C (00095) □ Total non-filterable residue (suspended) (00530) © Other: ICAP SCAN © Other: Se □ Other: Ga	NF: Whole sample (Non-filtered) ☐ Other- <i>specify:</i> om SAMPLES	Image: Filtered in 0.45 μme         Units Date analyzed         μmho         mg/l         3/14/86	d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)		Units mg/i mg/i mg/i mg/i mg/i	Date analyzed
No. of samples submitted / □ NA: No acid added □ ANALYTICAL RESULTS fr NF:NA F A H2SO4 Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) S Other: Se- □ Other: Se- □ NF, A-H2SO4	NF: Whole sample (Non-filtered) ☐ Other- <i>specify:</i> om SAMPLES	Image: Filtered in 0.45 μme         Units Date analyzed         μmho         mg/l         3/14/86	d F. NA Calcium (00915) Calcium (00915) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Chloride (00945) Total filterable residue (dissoived) (70300)		Units mg/l mg/l mg/l mg/l mg/l	Date analyzed
No. of samples submitted       /         □ NA: No acid added       □         NA: No acid added       □         NA: No acid added       □         NA: No acid added       □         NA: No acid added       □         NA: No acid added       □         NA: No acid added       □         NALYTICAL RESULTS fr       NF. NA F, A H D D C         □       Conductivity (Corrected)         25 °C (00095)       □         □       Total non-filterable         residue (suspended)       (00530)         ♀       Other: I CAF SCAN         ▷       Other: Se         □       Other: Se         □       Nitrate-N +, Nitrate-N total (00630)	NF: Whole sample (Non-filtered) Other-specify: om SAMPLES $< O_1 < O_5 < O_1 $		d F, NA Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Total filterable residue (dissolved) (70300) Other:		Units mg/l mg/l mg/l mg/l mg/l	Date analyzed
No. of samples submitted       /         □       NA: No acid added         □       Conductivity (Corrected)         25°C (00095)          □       Total non-filterable         residue (suspended)          (00530)          ※ Other: I CAP SCAN          ▷       Other: Se	NF: Whole sample (Non-filtered) Cother-specify: om SAMPLES $\angle O_1 \cup O_2 \cup O_2$		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:         F, A-H2 SO4          Nitrate-N + , Nitrate-N          Nitrate-N + , Nitrate-N          Nitrate-N + , Nitrate-N		Units mg/l mg/l mg/l mg/l mg/l	Date analyzed
No. of samples submitted / □ NA: No acid added □ ANALYTICAL RESULTS fr NF:NA FA HOO 25°C (00095) □ □ Conductivity (Corrected) 25°C (00095) □ □ Total non-filterable residue (suspended) (00530) □ ♀ Other: ICAF SCAN ▷ Other: Se □ Other: Se □ Other: Se □ Nitrate-N +, Nitrate-N total (00630) □ □ Ammonia-N total (00610) □ □ Total Kjeldahl-N ( ) □	NF: Whole sample (Non-filtered) Other-specify: om SAMPLES $< O_1 < O_5 < O_1 $		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00940)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:          F, A-H2 SO4          Nitrate-N + , Nitrate-N		Units mg/i mg/i mg/i mg/i mg/i mg/i	Date analyzed
No. of samples submitted / □ NA: No acid added □ ANALYTICAL RESULTS fr NF:NA F A HDO Conductivity (Corrected) 25°C (00095) □ Conductivity (Corrected) 25°C (00095) □ Conductivity (Corrected) 25°C (00095) □ Total non-filterable residue (suspended) (00530) S Other: ICAF SCAM S Other: Se □ Other: Se □ Nitrate-N +, Nitrate-N total (00630) □ Ammonia-N total (00610) □ Total Kjeldahl-N ()	NF: Whole sample (Non-filtered) Other-specify: om SAMPLES $< O_1 < O_5 < O_1 $		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00945)          Sulfate (00945)          Total filterable residue          Other:          Nitrate-N + , Nitrate-N          Ammonia-N dissolve          Total Kjeldahl-N		Units mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	Date analyzed
No. of samples submitted       /         □       NA: No acid added         □       Conductivity (Corrected)         25°C (00095)          □       Total non-filterable         residue (suspended)          (00530)	NF: Whole sample (Non-filtered) Cother-specify: om SAMPLES $\frac{\sqrt{O_1} \sqrt{05}}{\frac{O_2}{O_1} \frac{O_1}{O_1}}$		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:          Nitrate-N +, Nitrate-N          Nitrate-N +, Nitrate-N          Ammonia-N dissolve		Units mg/i mg/i mg/i mg/i mg/i mg/i mg/i	
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: Na: No acid added         Image: Conductivity (Corrected)       25°C (00095)         Image: Total non-filterable       Image: Na: No acid added         Image: Total Noise: Se       Image: Na: No acid added         Image: Noise: Se       Image: Na: No acid added         Image: Noise: Se       Image: Na: Noise: Se         Image: Noise: Se       Image: Na: Noise: Na: Noise: Se         Image: Noise: Se       Image: Na: Noise: Na: Noise: Na: Noise: Na: Noise: Na: Na: Na: Na: Na: Na: Na: Na: Na: Na	NF: Whole sample (Non-filtered) Other-specify: om SAMPLES $< O_1 < O_5 < O_1 $		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:          Nitrate-N + , Nitrate-N         dissolved (00631)       Ammonia-N dissolve          Total Kjeldahl-N	q 1	Units           mg/l	Date analyzed
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: Na: No acid added         Image: Conductivity (Corrected)       25°C (00095)         Image: Total non-filterable       Image: Na: No acid added         Image: Total Noise: See       Image: Na: No acid added         Image: Noise: See       Image: Na: No acid addededededededededededededededededede	NF: Whole sample (Non-filtered) Cother-specify: om SAMPLES $\frac{\sqrt{O_1} \sqrt{05}}{\frac{O_2}{O_1} \frac{O_1}{O_1}}$		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:          Nitrate-N + , Nitrate-N         dissolved (00631)       Ammonia-N dissolve          Total Kjeldahl-N	d Date Re	Units           mg/l           mg/l	Date analyzed
No. of samples submitted       /         NA: No acid added       /         NALYTICAL RESULTS fr       /         NF: NA ← A → O <sub>2</sub> /         Conductivity (Corrected)       25°C (00095)         25°C (00095)          Total non-filterable       /         residue (suspended)       (00530)         Querter: ICAP SCAN	NF: Whole sample (Non-filtered) Cother-specify: om SAMPLES $\frac{\sqrt{O_1} \sqrt{05}}{\frac{O_2}{O_1} \frac{O_1}{O_1}}$		d       F, NA          Calcium (00915)          Magnesium (00925)          Sodium (00930)          Potassium (00935)          Bicarbonate (00440)          Chloride (00940)          Sulfate (00945)          Total filterable residue          Other:          Nitrate-N + , Nitrate-N         dissolved (00631)       Ammonia-N dissolve          Total Kjeldahl-N	d Date Re	Units           mg/l	Date analyzed

Lab Number: M 279Date Submitted: 2/10/86By: Bailey

sample De: Burgett Leothernal Well
Date Analyzed: 2/17/86
Reviewed By:
Date Reported: 4/18/86

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Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
Aluminum	<0.1	
Barium	20.1	
Berylium	40.1	
Boron	0.5	
Cadmium	40.1	·······
Calcium	21.	
Chromium	20.1	
Cobalt		·
Copper		
Iron	<u> </u>	<u></u>
Lead	٢٥.١	
Magnesium	۲٥.(	
Manganese	20.05	
Molybdenum	<u> </u>	
Nickel	<0.1	······································
Silicon	<u>75.</u>	
Silver	(	
Strontium	0.5	
Tin	<u> </u>	
Vanadium	40.1	
Zinc	20.1	
Arsenic		0.011
Selenium		0.0// <0.005
Mercury		

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SCIENT 700 Cam	xico Health and Envent IFIC LABORATORY DIVISION nino de Salud NE rque, NM 87106 — (505) 841-	N	F <sup>N</sup> gi	ENERAL V and NITR		HEMISTRY
DATE RECEIVED 2 10	86 NO.WC 560	USER CODE 🗆 5930	o □ 59600 💥 c	THER: 82	235	
Collection DATE	SITE INFORM-►	Sample location		m GREC	NHOUS	E
Collection TIME	ATION	Collection site description	n		· · · · · · · · · · · · · · · · · · ·	
Collected by Person/Agency	on - ocio	·				
SEND NM OIL FINAL State	DNMENTAL BUREAU _ CONSERVATION DI Land Office Bldg Fe, NM 87501 id_Boyer	VISION , PO Box 208	8			
				Station/ well code		
SAMPLING CONDITIC	NS			Owner		
□ Bailed □ Pum 🕱 Dipped □ Tap	p Water level		Discharge		Sample typ	e e
pH (00400) <b>8.</b> /	Conductivity (Unco	,	Water Temp. (00010)	47°°C	Conductivit	ty at 25°C (00094) μmho
SAMPLE FIELD TREA No. of samples submitted / X NA: No acid adde	<b>Whole sample</b> (Non-filtered) d Other-specify:	ME. Filtered in	field with	ml H₂SO₄/	L added	
NF, NA	S HOIT SAMPLES	Units Date analyze	d F, NA		· · · · · ·	Units Date analyzed
<ul> <li>Conductivity (Corrected 25°C (00095)</li> <li>Total non-filterable residue (suspended) (00530)</li> <li>Other:</li> <li>Other:</li> <li>Other:</li> </ul>	•	µmho mg/l	Image: Calcium (00915)           Image: Magnesium (00925)           Image: Sodium (00930)           Image: Potassium (00935)           Image: Potassium (00940)           Image: Potassium (00940)           Image: Potassium (00945)           Image: Potal filterable residue (dissolved) (70300)	303 <u>19</u> . <u>4</u> <u>5</u> <u>6</u> <u>11</u>	18 1 12.4 37 15	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
NF, A-H₂SO₄			Contraction Contraction			2/27
Nitrate-N + , Nitrate-N			F, A-H₂ SO₄		·	tip it /
total (00630)	))	mg/l mg/l	<ul> <li>Nitrate-N + , Nitrate-</li> <li>dissolved (00631)</li> </ul>	N		mg/l
Total Kjeldahl-N (		mg/l	Ammonia-N dissolve	ed	<u></u>	•
<ul> <li>Chemical oxygen demand (00340)</li> </ul>		mg/l	- (00608) D Total Kjeldahl-N			mg/l
□ Total organic carbon ( )		mg/l	_ ( ) _ □ Other:			mg/l
<ul> <li>Other:</li> <li>Other:</li> </ul>			Analyst		eported	Reviewed by
Laboratory remarks				3	24 56	Callon

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1 ·		·							
	00 Camino de Sa Ibuquerque, NM	ORATORY DIVISION alud NE 1 87106 (505) 841-2	2555	ent		and NITR		HEMISTRY NALYSIS	
DATE RECEIVED 2	10 86 No	BHM277	USER	59300	<u> </u>	THER: 822	235		
Collection DATE / 2.8 86 Collection TIME 09/5		SITE INFORM- ► ATION	Sample loc		HARGE FROM	n GREE	NH0US	E	
Collected by - Person/Age	ency	00.0							
EI SEND NI FINAL S REPORT S	VVIRONMENT	AL BUREAU SERVATION DIV Office Bldg MM 87501	/ISION POB	- بوليند والمالية والمالية المالية المالية المالية المالية	RIVATION DIVISION	·			
				5.	,p() 4 / /	Station/ well code			
	DITIONO				a second s	Owner	. <u></u>	······································	
	Pump Tap	Water level	19 <b>1</b> 15		Discharge		Sample typ	e	
pH (00400)		Conductivity (Unco	rrected)		Water Temp. (00010)		Conductivit	y at 25 °C (00094)	
Field comments	. /	222	.0	µmho		47°°C			µmho
No. of samples submitted		(Non-filtered)		Filtered in 1 0.45 µmen	nbrane filter	ml H₂S⊖₄/		42003	
NE NA E.A			Units Dat	te analyzed	F, NA			Units Date an	aiyzed
Conductivity (Co 25°C (00095)		/	umho		<ul> <li>Calcium (00915)</li> <li>Magnesium (00925)</li> <li>Sodium (00930)</li> </ul>	·		mg/l mg/l mg/l	
Total non-filterab residue (suspend (00530)	ded) 		mg/l		<ul> <li>Potassium (00935)</li> <li>Bicarbonate (00440)</li> </ul>			mg/l mg/l	
Cother: ICAP	SCAN	0.005	<u></u> ,	21/104	Chloride (00940)			mg/l mg/l	
E Other: Se ☐ Other: Co		0,003 ,012		<u>3/14/96</u> 17/86	🗖 🗆 Total filterable residue			-	
				4/ <i>1/0</i> C	(dissolved) (70300)			ma/l	
NF, A-H2SO4								····	
Nitrate-N +, Ni			-		F, A-H <sub>2</sub> SO <sub>4</sub>				· · · ·
total (00630)		<u> </u>	mg/l mg/l		Nitrate-N +, Nitrate-N	1		ma/I	
🗆 Total Kjeldahl-N	, -				dissolved (00631)	d		mg/1	
() Chemical oxyge			mg/1		(00608)			mg/l	
demand (00340)			mg/l		Total Kjeldahl-N			mg/l	
Total organic car ( )			mg/l		Dther:				
C Other:					Analyst	Date P	eported	Reviewed by	
Other:					- Anarysi			A PA	
Laboratory remarks					_1			90-1	

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Lab Number: M 277Date Submitted: 2/10/86 By: Bailey -

Sample Dde: Sischarge from Lunhous a/17/86 Date Analyzed: in Bably Reviewed By: 4/18/86 Date Reported:

Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
FIEWenc		AA VADOL (HO/ D)
Aluminum	<u> </u>	
Barium	20.1	
Berylium	<0	
Boron	0.5	
Cadmium	<0.1	
Calcium	21.	- <u></u>
Chromium	40.(	<u> </u>
Cobalt	20.1	<u></u>
Copper	20.1	
Iron	0.2	
Lead		
Magnesium	0.1	
Manganese	0.05	<u></u>
Molybdenum	40.1	
Nickel	40.1	
Silicon	76.	
Silver	<u> </u>	
Strontium	0.4	
Tin	20.1	
Vanadium	<u> </u>	
Zinc	<0.	
Arsenic		0.012
Selenium		<0.005
Mercury		

SCIENTIFIC I 700 Camino d	Health and Environment De LABORATORY DIVISION le Salud NE NM 87106 — (505) 1-255		FN GE			CHEMISTRY NALYSIS
DATE RECEIVED 2 10 86	LAB WC 561 C	SER ODE 🗌 59300	o □ 59600 🕅 🗘 O	THER: 82	235	
Collection DATE	SITE INFORM- ► ATION	Imple location	EALL WEL			
2000 Collected by - Person/Agency		pllection site description	N3/4 MILE	1.155+	<u>0</u> 5	BURGETT
AILEY JOHNSON	- 000				07 2121710	
END NM OIL CO NAL State Lar	ENTAL BUREAU DNSERVATION DIVI nd Office Bidg, , NM 87501 Boyer	SION PO Box 2088	3			
				Station/ well code		
AMPLING CONDITIONS				Owner		
□ Bailed	Water level		Discharge	·	Sample ty	ре
pH (00400) 6.7	Conductivity (Uncorre	ected) 490 μmho	Water Temp. (00010)	⁄7.5 ℃	Conductiv	ity at 25 °C (00094) µmh
ield comments	/25 -					
AMPLE FIELD TREATME         No. of samples         submitted       /         X NA: No acid added	NF: Whole sample (Non-filtered)	Filtered in	field with	ml H₂SO₄/	Ladded	
NALYTICAL RESULTS fr					·	
NF, NA           Conductivity (Corrected)           25 °C (00095)	<u>Un</u> µm	ho	d F, NA 20 Calcium (00915) - ☑ Magnesium (00925)	2 7		Units         Date analyzed           mg/l         _∠/b           mg/l
Total non-filterable         residue (suspended)         (00530)         Other:		g/l	Image: Sodium (00930)           Image: Potassium (00935)           Image: Bicarbonate (00440)           Image: Chloride (00940)	3,	1.2	mg/l <u>4</u> mg/l <u>1</u> mg/l <u>2/1%</u> mg/l <u>1/20</u>
Other:     Other:			<ul> <li>Sulfate (00945)</li> <li>Total filterable residue (dissolved) (70300)</li> </ul>	' <u>4</u>	41 43	mg/1 <u>2/18</u> mg/1 <u>3/13</u>
IF, A-H <sub>2</sub> SO <sub>4</sub>			■ 12 Other: 53 × F	$\frac{v}{2}$	.00	2/27
Nitrate-N + , Nitrate-N total (00630)	m	g/l	F, A-H₂ SO₄		· · · · · · ·	
Ammonia-N total (00610) Total Kjeldahl-N ( )	m		dissolved (00631)			mg/l
Chemical oxygen demand (00340)		g/l	- (00608) D Total Kjeldahl-N - ()			mg/l
Total organic carbon	m	g/l	- Other:	. <u></u>	·····	
Other:			- Analyst		eported 24 86	Reviewed)by
aboratory remarks	<u> </u>	<u></u>				
LD 726 (12/84) DISTRIBU			CANARY — WS System		D Local Offi	ce GOLDENROD - S

	SCIENTIFIC LAE 700 Camino de S	Alth and Environment BORATORY DIVISION alud NE M 87106 — (505) 841-	n Í	?F. G	EN AL V ant NITR	NATER ( OGEN A	CHEMISTRY ANALYSIS
DATE RECEIVED	10 86 H	a. HM278		o □ 59600 💥 c	THER: 82	235	
Collection DATE		SITE INFORM-► ATION	Sample location	EALL WEL			
LOOO Collected by - Person/A	gency		Collection site description	~ 3/4 MILE	WEST	of	BURGETT
BAILEY / JO	HNSON - C	oco 1			ך <i>FA</i> כ	ンノレノナノ	<u>ES</u>
SEND	ENVIRONMENT M OIL CONS State Land Santa Fe, M David Boy	SERVATION DI Office Bldg NM 87501	PO Box 208	B 8 1986	Station/ weil code		
	NDITIONS		na sere		Owner		
Bailed     Dipped	I⊇ Pump □ Tap	Water level		Discharge	<u>L</u>	Sample t	уре
pH (00400)	6.7	Conductivity (Unco	rrected) 490 μmho	Water Temp. (00010)	/7.5 °C	Conducti	vity at 25°C (00094) µmh
NA: No aci ANALYTICAL R	ESULTS from		Units Date analyzed	1 F. NA			Units Date analyzed
<ul> <li>Conductivity (C 25°C (00095)</li> <li>Total non-filtera residue (suspending)</li> </ul>	ble		umho	<ul> <li>Calcium (00915)</li> <li>Magnesium (00925)</li> <li>Sodium (00930)</li> <li>Potassium (00935)</li> <li>Bicarbonate (00440)</li> </ul>			_ mg/l _ mg/l _ mg/l _ mg/l _ mg/l
(00530) © Other: /CAP © Other: Se □ Other: Ce	<u></u>	,005 ,005	mg/I 3/14/86 4/7/86	<ul> <li>Chloride (00940)</li> <li>Sulfate (00945)</li> <li>Total filterable residual</li> </ul>	e		mg/l mg/l
NF, A-H2SO4				- (dissolved) (70300) - Other:			_ mg/l
Nitrate-N + , Ni	rate-N		mg/i	F, A-H <sub>2</sub> SO <sub>4</sub>			
<ul> <li>Ammonia-N tot</li> <li>Total Kjeldahl-N ( )</li> </ul>	l		mg/l	- dissolved (00631)	·		_ mg/l
<ul> <li>Chemical oxyg demand (00340</li> <li>Total organic ca ( )</li> </ul>	))		mg/l	Total Kjeldahl-N     ( )     Other:			_ mg/l
☐ Other: ☐ Other:				- Analyst		eported	Reviewed by
Laboratory remark	5					· u _ v -	
SLD 726 (12/84)	DISTRIBUTIC	DN: WHITE EID,	GW&HW Bureau	CANARY — WS System		D Local Off	fice GOLDENROD - Si

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Lab Number: 1/ 278 Date Submitted: <u>2/10/86</u> By: Bailey

Sample de: <u>Beall Well</u> Date Analyzed: <u>2/17/86</u> Reviewed By: <u>\_\_\_\_\_\_</u> Date Reported: <u>4/19/86</u>

Element	ICAP VALUE (MG/L)	AA VALUE(MG/L)
Aluminum	L0.	
Barium	20.1	
Berylium	<u>~0.\</u>	
Boron	20.1	
Cadmium	20.1	
Calcium	59.	
Chromium	<0.1	
Cobalt	40.	
Copper	20.1	
Iron	40.1	·
Lead	<0.1	
Magnesium	5,5	
Manganese	40.05	
Molybdenum	40.1	
Nickel	40.1	
Silicon	16.	
Silver	۷۵.	
Strontium	0.5	
Tin		
Vanadium	<u>~0.1</u>	
Zinc	0.8	
Arsenic		<u>&lt;0.005</u> <0.005
Selenium		<0.005
Mercury		

SCIENTIFIC L 700 Camino de Albuquerque, N	NM 87106 — (505) - 2555		EN GE		WATER C		STRY SIS
	NO. WC 563 US	ER DE 🗌 59300	o □ 59600 💥 o	THER: 82	235		
Collection DATE /   2 %   8 6 Collection TIME / 0 / 5	INFORM- >	ection site description		+ WAT			
Collected by - Person/Agency			~1/2 mi	WSW	of <i>c</i> /	REENA	IOUSES
ENVIRONMEI SEND NM OIL COI	NTAL BUREAU NSERVATION DIVIS d Office Bldg, P NM 87501	ION 0 Box 2088	3				
				Station/ well code			
SAMPLING CONDITIONS				Owner			
□ Bailed 🛛 Bump □ Dipped □ Tap	Water level		Discharge 65-70	apm	Sample ty	pe	
pH (00400)	Conductivity (Uncorrect	ted) µmho	Water Temp. (00010)	<i>•</i> •C	Conductiv	ity at 25°C	C (00094) µmha
SAMPLE FIELD TREATMEN	NT — Check proper bo		field with	<i>F/&amp;C.Q.</i> mi H₂SO₄/		·····	
NA: No acid added	m SAMPLES	s Date analyzed			······	Units	Date analyzed
Conductivity (Corrected)		S Date analyzed	Calcium (00915)	28.2	8	mg/l	2-10
25°C (00095)	<i>µ</i> mho	0	- X Magnesium (00925)	6.85	)	mg/l	11
<ul> <li>Total non-filterable residue (suspended) (00530)</li> <li>Other:</li> <li>Other:</li> <li>Other:</li> </ul>	mg/	1	Image: Sodium (00930)           Image: Potassium (00935)           Image: Potassium (00935)           Image: Potassium (00940)           Image: Potassium (00940)           Image: Potassium (00945)           Image: Potas	8	14,7 /8,6 0.5 10	mg/I mg/I mg/I mg/I mg/I	11 11 11 11 11 12 12 12 12 13 13 13 13 13 13 13 13 13 13
NF, A-H <sub>2</sub> SO <sub>4</sub>	····	<u></u>	Di Other: CO3	the second se	,45		2/18
Nitrate-N +, Nitrate-N total (00630)		/1	X         F           F, A-H2 SO4		7,98		2/27
	mg/ mg/ mg/ mg/ mg/	11 11	<ul> <li>Nitrate-N + , Nitrate-I dissolved (00631)</li> <li>Ammonia-N dissolved (00608)</li> <li>Total Kjeldahl-N</li> <li>( )</li> <li>Other:</li> </ul>			mg/l mg/l mg/l	
Other:     Other:			Analyst	1 .	eported 24 56	Review	ed by
Laboratory remarks 		2HW Burgau	CANARY — WS System	PINK F	ID Local Offi	се С(	DLDENROD - S

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Collection DATE / 28 86 Collection TIME / 0/5 Collected by - Person/Agency BA/LEY/JOHNSOU ENVIRONMEN SEND NM OIL CON	NTAL BUREAU	USER 59300 Sample location	RGETT FRESH	WAT	ER WEL	
/ 28 86         Collection TIME         /0/5         Collected by - Person/Agency         BAILEY/JOHNSOU         BAILEY/JOHNSOU         SEND         FINAL         REPORT         TO         Santa Fe,	INFORM-► ATION	Collection site description				
Collected by - Person/Agency <u>BAILEY</u> JOHNSOU ENVIRONMEN SEND NM OIL CON FINAL State Land REPORT Santa Fe,	NTAL BUREAU		~ 11/2 mi	WSW	C CPECH	
ENVIRONME SEND NM OIL CON FINAL State Land REPORT Santa Fe,	NTAL BUREAU	.1	and the second s		of theen	IHOUSES
SEND NM OIL CON FINAL State Land REPORT Santa Fe,						
		, PO Box 2088		Station/ well code		
SAMPLING CONDITIONS	Water level		Discharge		Sample type	
Dipped Tap	TTALOI (OVOI		Uischarge 65-70	gpm	Campie (ype	
рН (00400)	Conductivity (Unco	rrected) μmho	Water Temp. (00010)	°C	Conductivity at 25	°C (00094) µmho
SAMPLE FIELD TREATMEN No. of samples submitted / ロN NA: No acid added ロ ANALYTICAL RESULTS fro	NF: Whole sample (Non-filtered) Other-specify: m SAMPLES	R F. Filtered in t	mbrane filter A: 21	<del>ni H₂SO</del> ₄/I	Ladded <i>れいの</i> Units	Date analyzed
Conductivity (Corrected)			Calcium (00915)		mg/l _	
□ Other: 20	,	umho mg/l <u>3//9/86</u> <u>1/7/86</u>	<ul> <li>Magnesium (00925)</li> <li>Sodium (00930)</li> <li>Potassium (00935)</li> <li>Bicarbonate (00440)</li> <li>Chloride (00940)</li> <li>Sulfate (00945)</li> <li>Total filterable residue (dissolved) (70300)</li> <li>Other:</li> </ul>		mg/l	
NF, A-H <sub>2</sub> SO4						
Nitrate-N +, Nitrate-N total (00630)		mg/l	F, A-H <sub>2</sub> SO <sub>4</sub>			
		mg/l mg/l mg/l	<ul> <li>Nitrate-N + , Nitrate-N</li> <li>dissolved (00631)</li> <li>Ammonia-N dissolved (00608)</li> <li>Total Kjełdahl-N</li> </ul>		mg/i . mg/i .	
Total organic carbon		mg/l	- ( ) │ □ Other:		mg/l _	
· · · · —			Applyst			wed by
Other: Other: Laboratory remarks			Analyst		Ported Review	

n.

Lab Number: M 282 Date Submitted: 2/10/86 By: Bailey

Sample Dde: Burgett Fresh Water Well Date Analyzed: 2/17/86 Reviewed By: () all <u>4/18/8</u> Date Reported:

v		<u>-</u>
Element	ICAP VALUE (MG/L)	AA VALUE(MG/L)
Aluminum	<u> </u>	
Barium	<u> </u>	
Berylium	40.1	
Boron	40.	
Cadmium	20.]	
Calcium	<u>33.</u>	
Chromium	20.1	
Cobalt	40.)	
Copper	20.	
Iron	40.1	
Lead	<u> </u>	
Magnesium	2.9	
Manganese	40.05	
Molybdenum	40.1	
Nickel	20.1	
Silicon	16.	
Silver	20.	
Strontium	<u>D.2</u>	
Tin	20.1	<u></u>
Vanadium	20.1	
Zinc	-0.1	
Arsenic		<0.005 <0.005
Selenium		<0.005
Mercury		

PATE 2 10 86	LAB NO.WC 564 USER □ 593	00 🗆 59600 🕅 O	THER: 82	235	
ollection DATE	SITE Sample location			UNITY	CHURCH
Dilection TIME	ATION Collection site descript		·		
ellected by - Person/Agency	ocs	NZMI WE	<u>57 01</u>	- Burga	ETT FACILITI
NM OIL CO		38			
			Station/ well code		
AMPLING CONDITIONS			Owner		
☐ Bailed	Water level	Discharge		Sample type	Э
oh (00400) 7.4	Conductivity (Uncorrected)	Water Temp. (00010)	// °C	Conductivity	y at 25°C (00094) µm
ield comments				*********	
No. of complete		n field with			
No. of samples / 🕱 I submitted /	NF: Whole sample (Non-filtered i 0.45 μm) Other- <i>specify:</i>	n field with embrane filter A: 2	ml H₂SO₄	/L added	
No. of samples / III submitted / IIII	NF: Whole sample (Non-filtered i 0.45 μm) Other- <i>specify:</i>	·			Units Date analyze
No. of samples submitted / ♥ I ♥ NA: No acid added □ NALYTICAL RESULTS from NF, NA ♥ Conductivity (Corrected)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other-specify: om SAMPLES Units Date analyz	ed F, NA		37.1	mg/1 _ 2-10
No. of samples submitted / NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095)	NF: Whole sample (Non-filtered) Φ F: Filtered i 0.45 μm Other-specify: m SAMPLES	ed F, NA		37.1 5.44 5.2	mg/I mg/I mg/I
No. of samples submitted / NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed F, NA Calcium (00915) Calcium (00925) Sodium (00930) Potassium (00935)	 (; ; ;	37.1 5.44 5.2 17	mg/l <u>2-10</u> mg/l <u>··</u> mg/l <u>··</u> mg/l <u>··</u>
No. of samples submitted / NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25 °C (00095) Total non-filterable residue (suspended) (00530)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other-specify: om SAMPLES Units Date analyz	ed F, NA Calcium (00915) Magnesium (00925) Sodium (00930)	 (; ; ;	37.1 5.2 17 53.7 8.6	mg/I <u>2-70</u> mg/I <u></u>
No. of samples submitted / IN INDEXEMPTICAL RESULTS from NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other:	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed         F,         NA           Image: Calcium (00915)         Image: Calcium (00925)           Image: Calcium (00930)         Image: Calcium (00930)           Image: Calcium (00935)         Image: Calcium (00935)           Image: Calcium (00945)         Image: Calcium (00945)		37.1 5.44 5.2 17 53.7 8.6 51.9	mg/l <u>2-10</u> mg/l <u></u>
No. of samples submitted / NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: Other:	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed       F, NA         Image: Calcium (00915)         Image: Calcium (00925)         Image: Calcium (00930)         Image: Calcium (00930)         Image: Calcium (00935)         Image: Calcium (00940)         Image: Calcium (00945)         Image: Calcium (00945)         Image: Calcium (00945)		37.1 5.44 5.2 17 53.7 8.6 51.9 2.58	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: Other: Other:	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed F, NA Calcium (00915) Calcium (00925) Control (00930) Potassium (00935) Potassium (00935) Chloride (00940) Chloride (00945) Chloride (00945) Control (1) Control (1)		37.1 5.2 17 53.7 8.6 51.9 2.58	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25 °C (00095) Total non-filterable residue (suspended) (00530) Other: Other: Other: F, A-H <sub>2</sub> SO <sub>4</sub>	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed F, NA Calcium (00915) Calcium (00925) Contemportant (00930) Potassium (00935) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Total filterable residue (dissolved) (70300) Conter: CO <sub>3</sub> X F		37.1 5.2 17 5.2 17 53.7 8.6 51.9 2.58	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         NALYTICAL RESULTS from NF, NA         Conductivity (Corrected)         25 °C (00095)         Total non-filterable         residue (suspended)         (00530)         Other:         Other:         Other:         Other:         Other:         Nitrate-N +, Nitrate-N total (00630)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other- <i>specify:</i> om SAMPLES Units Date analyz	ed F, NA		37.1 5.2 17 53.7 8.6 51.9 2.58	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         NALYTICAL RESULTS from NF, NA         Conductivity (Corrected)         25 °C (00095)         Total non-filterable residue (suspended)         (00530)         Other:         Other:         Other:         Other:         Other:         Nitrate-N + , Nitrate-N total (00630)         Ammonia-N total (00610)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other-specify: m SAMPLES Units Date analyz μmho mg/l	ed         F, NA                ✓             Calcium (00915)                 ✓             Magnesium (00925)                 ✓             Sodium (00930)                 ✓             Potassium (00935)                 ✓             Potassium (00935)                 ✓             Potassium (00940)                 ✓             Chloride (00945)                 ✓             Total filterable residue             (dissolved) (70300)                 ✓             ✓		37.1 5.2 17 5.2 17 53.7 8.6 51.9 2.58 .0 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         NALYTICAL RESULTS from NF, NA         Conductivity (Corrected)         25 °C (00095)         Total non-filterable residue (suspended)         (00530)         Other:         Other:         Other:         Other:         Other:         Nitrate-N + , Nitrate-N total (00630)         Ammonia-N total (00610)	NF: Whole sample (Non-filtered) F: Filtered i 0.45 μm Other-specify: m SAMPLES Units Date analyz μmho mg/l mg/l	ed         F, NA                ✓             Calcium (00915)                 ✓             Magnesium (00925)                 ✓             Sodium (00930)                 ✓             Potassium (00935)                 ✓             Potassium (00935)                 ✓             Potassium (00940)                 ✓             Chloride (00940)                 ✓             Chloride (00945)                 ✓             Total filterable residue             (dissolved) (70300)                 ✓             Chter:		37.1 5.44 5.2 17 53.7 8.6 51.9 2.58 1.0 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         NALYTICAL RESULTS from NF, NA         Conductivity (Corrected)         25 °C (00095)         Total non-filterable residue (suspended)         (00530)         Other:         Other:         Other:         Other:         Other:         Other:         Other:         Ammonia-N total (00610)         Total Kjeldahl-N         (         Chemical oxygen	NF: Whole sample (Non-filtered)	ed         F, NA                ✓             Calcium (00915)                 ✓             Magnesium (00925)                 ✓             Sodium (00930)                 ✓             Potassium (00935)                 ✓             Potassium (00935)                 ✓             Potassium (00940)                 ✓             Chloride (00945)                 ✓             Total filterable residue             (dissolved) (70300)                 ✓             ✓		37.1 5.44 5.2 17 53.7 8.6 51.9 2.58 1.0 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted       /         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: NA: No acid added       Image: NA: No acid added         Image: Na: No acid added       Image: Na: No acid added         Image: Na: No acid added       Image: Na: No acid added         Image: Na: No acid added       Image: Na: No acid added         Image: Na: No acid added       Image: Na: No acid added         Image: Na: No acid added       Image: Na: No aci	NF: Whole sample (Non-filtered)	ed       F, NA         Image: Calcium (00915)         Image: Magnesium (00925)         Image: Sodium (00930)         Image: Potassium (00935)         Image: Potassium (00945)         Image: Potassium (00440)         Image: Potassi		37.1 5.44 5.2 17 53.7 8.6 51.9 2.58 .0 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / X NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Total non-filterable residue (suspended) (00530) Other: Other: Other: Other: Other: Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( )	NF: Whole sample (Non-filtered)	ed       F, NA         Image: Calcium (00915)         Image: Magnesium (00925)         Image: Sodium (00930)         Image: Potassium (00935)         Image: Potassium (00940)         Image: Potassium (00945)         Image: Potassium (00040)         Image: Potassium (00040)         Image: Potassium (000608)         Ima		37.1 5.44 5.2 17 8.6 51.9 2.58 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
submitted         /           Image: NA: No acid added         Image: NA: No acid added           Image: NA: No acid added         Image: NA: No acid added           NALYTICAL RESULTS from NF, NA           Image: Conductivity (Corrected)           25 °C (00095)           Image: Total non-filterable residue (suspended) (00530)           Image: Total non-filterable residue (suspended) (00530)           Image: Other:	NF: Whole sample (Non-filtered)	ed       F, NA         Image: Calcium (00915)         Image: Magnesium (00925)         Image: Sodium (00930)         Image: Potassium (00935)         Image: Potassium (00945)         Image: Potassium (00440)         Image: Potassium (00440)         Image: Potassium (00440)         Image: Potassium (00440)         Image: Potassi		37.1 5.44 5.2 17 8.6 51.9 2.58 1.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / X NA: No acid added NALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25°C (00095)	NF: Whole sample (Non-filtered)	ed       F, NA         Image: Calcium (00915)         Image: Magnesium (00925)         Image: Sodium (00930)         Image: Potassium (00935)         Image: Potassium (00940)         Image: Potassium (00945)         Image: Potassium (00040)         Image: Potassium (00040)         Image: Potassium (000608)         Ima		37.1 5.44 5.2 17 53.7 8.6 57.9 2.58 .0 7.17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

	SCIENTIFIC LAE 700.Camino de S		N	PF G			
		1 87106 - (505) 841 AB HM 281			THER: 82		
Collection DATE		<u>U. / I. / 2. U /</u> SITE	Sample location				
1 28 86 allection TIME , 1030	4	INFORM- ATION	Collection site description		commu	NITY C	HURCH
ollected by Person/A				~ z mî We	ST OF	BURGETT	FACILITIE
BAILEY/JO	HNSON -			· · · · · · · · · · · · · · · · · · ·	ר		
-			T.	0			
	ENVIRONMEN MM OIL CONS State Land Santa Fe, 1	SERVATION DI Office Bldg	VISION 9, PO Box 208	8 SANTA FE	·		
Attn:	David Boy	yer		CANDA			
					Station/ well code		
AMPLING CO	NDITIONS				Owner		
Bailed	Pump	Water level		Discharge	1	Sample type	
Dipped	12 Tap						
pH (00400)	7.4	Conductivity (Und	corrected)	Water Temp. (00010)		Conductivity at 25	
Field comments	1.9		241 µmho		// °C	l	μmh
NA: No aci NALYTICAL R							
-NE, THA F	A HNO3		Units Date analyze	d F, NA		Units	Date analyzed
Conductivity (C	Corrected)			🗆 Calcium (00915)		mg/l	
25°C (00095)	<u> </u>		_µmho	- Magnesium (00925)		mg/i	
Total non-filtera				<ul> <li>Sodium (00930)</li> <li>Potassium (00935)</li> </ul>			
residue (suspe (00530)	nded)		_ mg/l	Bicarbonate (00440)		mg/l	
C Other: ICAP	SCAN			Chloride (00940)			
ے Other: کعہ		20,005	3/14/86	☐ ☐ Sulfate (00945) ☐ ☐ Total filterable residue		mg/l	
🗋 Other: 🕰		0.005	- 4/7/86	- (dissolved) (70300)		mg/l	
IF, A-H₂SO₄				- Other:			
🗌 Nitrate-N+, Ni	trate-N	<u></u>		F, A-H2 SO4	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
total (00630)			_ mg/l	- Ditrate-N+, Nitrate-	N		
Ammonia-N tot			_ mg/l	- dissolved (00631)		mg/l	
Total Kjeldahl-N ( )	N		_ mg/l	Ammonia-N dissolve	bd		
Chemical oxyg demand (0034			_ mg/l	- (00608) - Total Kjeldahl-N		mg/l	
Total organic ca ( )	arbon		mg/l	— ( ) — ⊡ Other:		mg/l	
Other:				Analyst	Date R	eported Revie	wed by
Other:				-	1		7A'
Laboratory remark	S					0	
	-M <b>A</b>			<u> </u>			· · · · · · · · · · · · · · · · · · ·
LD 726 (12/84)		DN: WHITE EIC	CMRHW Bureau	CANARY WS System	DINK EI	D Local Office	GOLDENROD - S

ť

Hab Number: M 28/ Date Submitted: 2/10/86 By: Bailey

Sample De: Valley View Comm. Chuch Date Analyzed: 2/17/86 Reviewed By: \_\_\_\_\_ ashly Date Reported: 4/18/86

Element	ICAP VALUE (MG/L)	AA VALUE (MG/L)
Aluminum	20.1	
Barium	20.1	
Berylium	<0.1	
Boron	<0.1	
Cadmium	40.1	
Calcium	26	
Chromium	40.1	
Cobalt	<0.(	
Copper	<0.(	
Iron	<b>&lt;</b> 0.1	
Lead	<0.	
Magnesium	2.3	
Manganese	40.05	
Molybdenum	20.1	
Nickel	×0.(	
Silicon	16.	
Silver	<0.(	
Strontium	0.2	
Tin	40.1	
Vanadium	<u> </u>	
Zinc	0.4	
Arsenic		<u>&lt;0.005</u> <0.005
Selenium		<0.005
Mercury		

	NM 87106 - (505)-41-2555 LAB WC 565 USER NO. WC 565 CODE	59300	59600 XX o	THER: 82	235	
Illection DATE	SITE	ocation	RGETT IRRIG		wer	. L
Ilection TIME 1040	ATION	n site description				· · · · · · · · · · · · · · · · · · ·
RICEY JOHNSON -	000		~2mi SW	<u>of</u>	<del>GREEN</del>	HOUSES
ND NM OIL CO		N Box 2088	3	Station/ well code		
MPLING CONDITIONS				Owner		
Bailed I Pump Dipped □ Tap	Water level		Discharge	spm	Sample ty	pe
H (00400) フ.ひ	Conductivity (Uncorrected)	ς μmho	Water Temp. (00010)	19 °C	Conductiv	rity at 25°C (00094) بل
eld comments T.D. 25			· <u>.</u>		L	
No. of samples / 🛒 No. of samples	(INON-IIItered)	Filtered in f	field with	ml H₂SO₄/	'L added	······································
No. of samples / R No. of samples / R No. of samples / R No. No. acid added D NALYTICAL RESULTS fro	NF: Whole sample (Non-filtered) F: Other-specify:	Filtered in f 0.45 μmen	nbrane filter A. Z	ml H₂SO₄/	'L added	Unite Date analy
	NF: Whole sample (Non-filtered) F: Other-specify: m SAMPLES Units Da	Filtered in f	I F, NA	64.	0	Units Date analy , mg/I <u>2-10</u> mg/I *
No. of samples submitted / Relation / Relat	NF: Whole sample (Non-filtered) F: Other-specify:	Filtered in f 0.45 μmen	nbrane filter A. 2	64. 	0 7.8 7 7 4 53,6	mg/l <u>2-lo</u> mg/l <u>*</u> mg/l <u>*</u> mg/l <u>"</u> mg/l <u>2/30</u>
No. of samples submitted / Resubmitted / Re	NF: Whole sample (Non-filtered) F: Other- <i>specify:</i> Im SAMPLES Units Da µmho	Filtered in f 0.45 μmen	nbrane filter → A. 2 F, NA Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440)	64. 82 	0 2.8 V 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples       /         Submitted       /         Image: No. of samples       /	NF: Whole sample (Non-filtered) F: Other- <i>specify:</i> Im SAMPLES Units Da µmho	Filtered in f 0.45 μmen	Imbrane filter       Imbrane filter         Imbrane filter       Imbrane f	<u>64</u> . 19.5 1.5 1.5 14 	0 7.8 76 53.6 53.6 53 53	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
No. of samples submitted / Relation / Relat	NF: Whole sample (Non-filtered) F: Other- <i>specify:</i> Im SAMPLES Units Da µmho	Filtered in f 0.45 μmen	Imbrane filter       Imbrane filter         Imbrane filter       Imbrane f	<u>64</u> . 19.5 1.5 1.5 14 	0 7.8 7 4 53.6 53 53 53	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / X NA: No acid added ALYTICAL RESULTS from NF, NA Conductivity (Corrected) 25 °C (00095) Total non-filterable residue (suspended) (00530) Other: Other: Other: Other: A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N +, Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen	NF: Whole sample (Non-filtered) F: Other-specify: MSAMPLES Units Da umbo mg/l mg/l mg/l mg/l mg/l	Filtered in f 0.45 μmen	I       F, NA         I       F, NA         IX       Calcium (00915)         IX       Calcium (00925)         IX       Sodium (00930)         IX       Potassium (00935)         IX       Bicarbonate (00440)         IX       Chloride (00945)         IX       Total filterable residue (dissolved) (70300)         IX       Other:         IX       Chloride (Interside Interside)         IX       Total filterable residue         IX       Other:         IX       Iterside         IX	<u>64</u> . <u>19.5</u> <u>1.3</u> <u>1.4</u> <u>7</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u>	0 7.8 76 53.6 53.6 53 53	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
No. of samples submitted / X NA: No acid added □ IALYTICAL RESULTS fro NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: Other: Other: Gther: Total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) 	NF: Whole sample (Non-filtered) F: Other-specify: MSAMPLES Units Da umho mg/l mg/l mg/l	Filtered in f 0.45 μmen	Imbrane filter       Imbrane filter         Imbrane filter       Imbrane f	<u>64</u> . <u>19.5</u> <u>1.3</u> <u>1.4</u> <u>7</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u>	0 7.8 76 53.6 53.6 53 53	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
No. of samples submitted / NA: No acid added NALYTICAL RESULTS fro NF, NA Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: Other: Other: Other: Total (00630) F, A-H <sub>2</sub> SO <sub>4</sub> Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES Units Da Units Da Units Da umho mg/l mg/l mg/l mg/l mg/l mg/l	Filtered in f 0.45 μmen	I       F, NA         I       F, NA         IV       Calcium (00915)         IV       Magnesium (00925)         IV       Sodium (00930)         IV       Potassium (00935)         IV       Bicarbonate (00440)         IV       Chloride (00945)         IV       Total filterable residue         (dissolved) (70300)       IV         IV       Other:         IV       Other:         IV       F, A-H₂ SO₄         IV       Nitrate-N + , Nitrate-N         dissolved (00631)       Ammonia-N dissolve         (00608)       Total Kjeldahl-N         (       )	64. 82 7 _7	0 7.8 76 53.6 53.6 53 53	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
No. of samples submitted       /         Submitted       /         IALYTICAL RESULTS fro         IALYTICAL RESULTS fro         NF, NA         Conductivity (Corrected)         25°C (00095)         Total non-filterable         residue (suspended)         (00530)         Other:	NF: Whole sample (Non-filtered) Other-specify: MSAMPLES Units Da Units Da Units Da umho mg/l mg/l mg/l mg/l mg/l mg/l	Filtered in f 0.45 μmen	Imbrane filter       Imbrane filter         Imbrane filter       Imbrane f	64. 82 7 _7	0 7.8 76 4 53.6 53.6 753 750 0.99 0.99	. mg/l <u>2.10</u> mg/l <u>*</u> mg/l <u>*</u> mg/l <u>2/17</u> mg/l <u>2/17</u> mg/l <u>2/17</u> mg/l <u>2/17</u> mg/l <u>2/17</u> . mg/l <u>2/17</u> . mg/l <u>2/17</u> . mg/l <u>2/17</u> . mg/l <u>2/17</u> . mg/l <u>2/17</u> . mg/l <u>2/17</u>

Albuquerque ATE ECEIVED 2 10 86			o □ 59600 ★X o	THER: 82	235	
Nection DATE	SITE	Sample location			) WELL	
1040 lected by Person/Agency	ATION	Collection site description		) of	GREEN HOUSES	
AILEY /JOHNSON	- 000		and the second sec	]		
ND NM OIL C	e, NM 87501	DIVISION dg, PO Box 208	B G 1850	Station/ well code		
				Owner		
Bailed & Pump	Water level		Discharge		Sample type	
Dipped 🗋 Tap			1400	gpm		
H (00400) フ. ン	Conductivity (U	Incorrected) 600 µmho	Water Temp. (00010)	19 °C	Conductivity at 25°C (000	094) $\mu$ mhi
eld comments	50 1					
No. of samples / C	ENT — Check pro NF: Whole sampl (Non-filtered)	le ℤ F: Filtered in ) ℤ F: 0.45 μme	field with nbrane filter <b>( A: -2</b> -	ml H₂S⊖₄/	Ladded HNO3	
No. of samples / Submitted / NA: No acid added	NF: Whole sampl (Non-filtered)	le ℤ F: Filtered in ) ℤ F: 0.45 μme	nbrane filter 🔍 A: 🛥	ml H₂SO₄/	· · ·	e analyzed
No. of samples submitted / □ NA: No acid added ALYTICAL RESULTS f NF, NA F, A HNC Conductivity (Corrected)	NF: Whole sampl (Non-filtered)	le Σ F: Filtered in ) Σ F: 0.45 μme Units Date analyze	nbrane filter (A:	ml H₂SO₄/	Units Date	e analyzed
No. of samples submitted / □ NA: No acid added ALYTICAL RESULTS f NF, NA F, A HAJC Conductivity (Corrected) 25°C (00095) -	NF: Whole sampl (Non-filtered)	le ☑ F: Filtered in ) ☑ F: 0.45 μmei	mbrane filter <b>A:</b>		Units Date mg/l mg/l	
Io. of samples ubmitted / □ NA: No acid added ALYTICAL RESULTS f NF, NA F, A HNC Conductivity (Corrected) 25°C (00095) - Total non-filterable	NF: Whole sampl (Non-filtered)	le Σ F: Filtered in ) Σ F: 0.45 μme Units Date analyze	mbrane filter		Units         Date           mg/l            mg/l            mg/l            mg/l	
lo. of samples ubmitted / NA: No acid added ALYTICAL RESULTS f NF; NA F, A HAC Conductivity (Corrected) 25 °C (00095) Total non-filterable residue (suspended) (00530)	NF: Whole sampl (Non-filtered)	le Σ F: Filtered in ) Σ F: 0.45 μme Units Date analyze	mbrane filter       A:         I       F, NA         I       Calcium (00915)         I       Magnesium (00925)         I       Sodium (00930)         I       Potassium (00935)         I       Bicarbonate (00440)		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
In the second se	NF: Whole sample (Non-filtered)	le ) Σ F: Filtered in 0.45 μmer Units Date analyze μmho mg/i	mbrane filter		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l	
io. of samples ubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         NF, NA       F       A         Conductivity (Corrected)         25 °C (00095)         Total non-filterable residue (suspended)         (00530)         Other:       / CAP         SCAN	NF: Whole sampl (Non-filtered)	le Σ F: Filtered in 0.45 μme Units Date analyze	mbrane filter       A:         I       F, NA         I       Calcium (00915)         I       Magnesium (00925)         I       Sodium (00930)         I       Potassium (00935)         I       Bicarbonate (00440)         I       Chloride (00945)         I       Total filterable residue		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
io. of samples       /         ubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         NF. NA       F, A         Mrf. NA       Sc	NF: Whole sample (Non-filtered) □ Other-specify: rom SAMPLES	le )	mbrane filter       A: -         I       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
Io. of samples ubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         Conductivity (Corrected)         25°C (00095)         Total non-filterable residue (suspended)         (00530)         Other:       Image: Conductive (Conductive)         Other:       Image: Conductive (Conductive)         Other:       Image: Conductive (Conductive)         Image: Conductive (Suspended)       Image: Conductive)	NF: Whole sample (Non-filtered) □ Other-specify: rom SAMPLES	le )	mbrane filter       A:         I       F, NA         I       Calcium (00915)         I       Magnesium (00925)         I       Sodium (00930)         I       Potassium (00935)         I       Bicarbonate (00440)         I       Chloride (00945)         I       Total filterable residue (dissolved) (70300)         I       Other:		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
Io. of samples ubmitted       /         Image: Second added         Image: Second added         ALYTICAL RESULTS f         Image: Second added         ALYTICAL RESULTS f         Image: Second added         Conductivity (Corrected)         25°C (00095)         Total non-filterable residue (suspended)         (00530)         Other:       Image: Second added         Other:       Image: Second added         Other:       Image: Second added         Image: Second added       Image: Second added         Image: Sec	NF: Whole sample (Non-filtered) □ Other-specify: rom SAMPLES	le )	mbrane filter       A:         I       F, NA         I       Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
Io. of samples ubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         ALYTICAL RESULTS f         Image: NF, NA       F, A         HAZ         Conductivity (Corrected)         25°C (00095)         Total non-filterable residue (suspended)         (00530)         Other:       Je.         AHzSO4       Mitrate-N + , Nitrate-N total (00630)         Ammonia-N total (00610)       Little (00610)	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, c \cup S$ $\angle 0, c \cup S$	Ie )	mbrane filter       A:         I       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4         Nitrate-N + , Nitrate-N		Units         Date           mg/l	
Io. of samples ubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NF, NA       F, A         Image: NF, NA       F, A         Image: No acid added         Conductivity (Corrected)         25°C (00095)         Image: No acid added         Other:       Sec Added         Other:       Sec Added         Cother:       Sec Added         Image: No acid added       Image: No acid added         Image: No acid added       Image: No	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie ) E F: Filtered in 0.45 μmer Units Date analyzed μmho mg/l <u>3/14/86</u> <u>4/7/86</u> mg/l	mbrane filter       A:         I       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4         Nitrate-N + , Nitrate-I dissolved (00631)         Ammonia-N dissolved		Units         Date           mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l            mg/l	
io. of samples iubmitted       /         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         ALYTICAL RESULTS f         Image: NA: No acid added         Conductivity (Corrected) 25°C (00095)         Total non-filterable residue (suspended) (00530)         Other:       Image: Conductivity (Corrected) 25°C (00095)         Image: Conductivity (Corrected) 25°C (00095)       Image: Conductivity (Corrected) 25°C (00095)         Image: Conductivity (Corrected) 25°C (00095)       Image: Conductivity (Corrected) 25°C (00095)         Image: Conductivity (Corrected) 25°C (00095)       Image: Conductivity (Corrected) 25°C (00095)         Image: Conductity (Conductivity (Corrected) 25°C (00095)	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie )	mbrane filter       A:		Units         Date           mg/l	
No. of samples submitted / □ NA: No acid added ALYTICAL RESULTS f TNF, NA F, A HAJC Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: JCA P SCAA Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Conductivity (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340)	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie ) E F: Filtered in 0.45 μmer Units Date analyzed μmho mg/l <u>3/14/86</u> <u>4/7/86</u> mg/l	mbrane filter       A:         I       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4         Nitrate-N + , Nitrate-I dissolved (00631)         Ammonia-N dissolve (00608)         Total Kjeldahl-N (		Units         Date           mg/l	
No. of samples submitted / □ NA: No acid added ALYTICAL RESULTS f TNF, NA F, A HAJC Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: JCA P SCAA Other: Se Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Other: Ge Conductivity (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( ) 	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie )	mbrane filter       A:         Imbrane filter       A:         Imbrane filter       A:         Imbrane filter       A:         Imbrane filter       Calcium (00915)         Imbrane filter       Magnesium (00925)         Imbrane filter       Sodium (00930)         Imbrane filter       Potassium (00935)         Imbrane filter       Bicarbonate (00440)         Imbrane filter       Chloride (00940)         Imbrane filter       Chloride (00945)         Imbrane filter       Total filterable residue         (dissolved) (70300)       Other:         Imbrane filter       F, A-H2 SO4         Imbrane filter       Nitrate-N + , Nitrate-Filter         dissolved (00631)       Ammonia-N dissolve         (00608)       Total Kjeldahl-N		Units         Date           mg/l	
No. of samples submitted / □ NA: No acid added ALYTICAL RESULTS f TNF. NA F, A HAJC Conductivity (Corrected) 25°C (00095) Total non-filterable residue (suspended) (00530) Other: JCAP SCAN Other: Se Other: Co Total (Suspended) Other: Co Total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340) Total organic carbon ( ) Other: -	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie         F:         Filtered in 0.45 μmen           Units Date analyzed         0.45 μmen          mmho	mbrane filter       A:         I       F, NA         Calcium (00915)         Magnesium (00925)         Sodium (00930)         Potassium (00935)         Bicarbonate (00440)         Chloride (00940)         Sulfate (00945)         Total filterable residue (dissolved) (70300)         Other:         F, A-H2 SO4         Nitrate-N + , Nitrate-I dissolved (00631)         Ammonia-N dissolve (00608)         Total Kjeldahl-N (	N Date R	Units         Date           mg/l	
Submitted       /         □ NA: No acid added         IALYTICAL RESULTS f         NF, NA       F, A         Provide State         Conductivity (Corrected)         25 °C (00095)         Total non-filterable         residue (suspended)         (00530)         Other:         Other:         Conductivity (Corrected)         25 °C (00095)         Total non-filterable         residue (suspended)         (00530)         Other:         Ce         Total (00630)         Ammonia-N total (00610)         Total organic carbon         (         Other:	NF: Whole sample $(Non-filtered)$ Other-specify: rom SAMPLES 3 $\angle 0, cos$ $\angle 0, cos$	Ie         F:         Filtered in 0.45 μmen           Units Date analyzed         0.45 μmen          mmho	mbrane filter       A:		Units         Date           mg/l	
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Lab Number: A 280 Date Submitted: 2/10/86 By: Bailey

Sample De: <u>Burgett Orrigation</u> Well Date Analyzed: <u>2/17/86</u> John Reviewed By: () Date Reported 4/18/866

Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
Aluminum	<0.1	
Barium	~0.1	
Berylium	<0.1	
Boron	20.1	
Cadmium	20.	
Calcium	72,	
Chromium	<0.1	
Cobalt	<0.	
Copper	<0.	<u> </u>
Iron	<0.1	
Lead	<0.1	
Magnesium	6.5	
Manganese	<0.05	
Molybdenum	40.[	
Nickel	<0.[	
Silicon	<u>15.</u>	
Silver	40.1	
Strontium	0.4	
Tin	20.1	
Vanadium	<0.1	
Zinc	<0.1	
Arsenic		<u>&lt;0,005</u> <0.005
Selenium		<0.005
Mercury		

	CYTER CONTRACT
	141085 D \$25,00 IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM
	CORRECTIVE Application for Permit to Change Location of Well
	Date Received March 12, 1990 File No. A-36-AB-S-2
	1. Name of Water Right Owner Burgett Investment, Inc.
	Street or Post Office Address Star Route, Box 265-A
	2. Source of water supply shallow water aguifer , located in Animas Valley
	(artesian or shallow water aquifer) (name of underground basin)
	3. Well from which rights are to be severed:
	(a) Well is in the <u>NE ¼ NW</u> ¼ <u>SE ¼</u> , Section <u>7</u> Township <u>25</u> S Range <u>19</u> WN.M.P.M., or Tract No of Map No of the
	(b) is well to be plugged; If not, state for what use retained Well not drilled
	4. Application is made to change location of well for the following reasons (If well is to be used for only a part of
	original right describe that part by legal description under item number 6);
	Well was drilled in the wrong location. This application is to an a correct the location.
	Correct the location.
	5. Well to which transfer is to be made:
	(a) Located in the <u>NW % NE % SE %</u> , Section <u>7</u> Township <u>25</u> Stange <u>19 W N.M.P.M.</u>
	or Tract No of Map No of the forman stand 19 and the on land owned by applicant (1)
	(b) Quantity of water to be appropriated 530.256 acre feet applied to acres
	of land; if not for irrigation, specify purpose_ <u>Supplemental_geothermal_uses</u> , irrigation' (c) If existing well, give File NoWithin greenhouses and related purposes
	(c) If existing well, give File No.
	(d) If a new well, give name of driller Everett D. Burgett
	· · · · · · · · · · · · · · · · · · ·
	6. Additional statements or explanations
	I,Dale_Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.)
	I,Dale_Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.)
	I,
	I,Dale_Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.)
	I,Dale_Bargett, alfirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant By:
	I,Dale_Bargett, alfirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant By ACTION OF STATE ENGINEER
	I,Dale_Bargett, alfirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant By:
•	IDale_Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am the
	IDale_Burgett, affirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant By Action OF STATE ENGINEER After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the impairment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling ofshallow wells be complied with; and Arthurauty to the conservation of water within the state, subject to the following conditions: The total amount of water diverted from all sources combined shall not exceed 530 acre_feet_per_annum measured at the wells.
	IDale_Bargett, alfirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.)         Burgett_Investment, Inc, Applicant         By
•	IDale_Burgett
:.	i
:.	IDale_Burgett
:.	i
:.	I.       Dale_Burgett       alfirm that the foregoing statements are true to the best of my knowledge and belief and that I am theAgent owner and holder of said water right. (sole, partial, agent for, etc.)         Burgett Investment, Inc.
:.	i

		-	•	re engineer Well Rec(				ર્ણ નવા ) બંધુ ભાષ
					FORMATION		1.	1
A) Owner of	well Burg	ett Inve	stment,			Owner'	r: • Well No	
Street or I City and S	Post Office Ad	dress <u>Box</u> Anii	265-A mas, NM	88020				1
Well was drilled					and is located	in the:	eren an	9 <b>11</b> 5
						<u>25 S</u> Rang	19EV \$3	
		of Map No				ļ.	÷.	神经营
c. Lot No		of Block No		of the				1997 - Friddan 1997 - Friddan
		l in			•			e a star de la composition de la compos La composition de la c
		. fect, Y=	·······	feet, N.	M. Coordinate	System		Zon
B) Drilling C	ontractor	Evere	tt D. B	urgett		License NoW	D 248	
Address		Box 2	65-A		a - 75		ه . بر از ا	
Drilling Began .	Sapt 19	1 <u>89</u> Comp	leled Jan	25-198	Type tools]	Rotary	Size of hole	123/4
	-					ft. Total depth		
Completed well	is 🗔 si	ailow 🗔 a	rtesian.		Depth to wate	r upon completion	ما well	
		Sect	ion 2. PRIN	CIPAL WATE	R-BEARING S	TRATA		4 494 <b>6</b> 497 9
Depth From	in Feet To	Thickness in Feet	I	Description of	Water-Bearing	Formation	Estimated (gallons per	
90	100	10 ft		Gravel			200	
150	151	1 ft.	Cr	evices 1	ost circ	ulation	500 +	
	_							
					-		a the	in the Virth
	. <del></del>		Sectio	n 3. RECORD	OF CASING			1 - Tank
Diameter (inches)	Pounds per foot	Threads per in.	Depth Top	in Feet Dottom	Length (feet)	Type of Sho	From	To To
10 3/4	54	8	0	90	90	home made		hol
	 	ļ		 		-		
	 			<u> </u>	<u> </u>		1	
			on 4. RECO		ING AND CE	MENTING	، انده بير، عند در از و ۹۰ - اندو - اندو	
From	in Feet To	Hole Diameter	Saci of M		ubic Feet f Cement	Metho	od of Placement	121
90		123/4	20		22	Pump	(ġ	,
							، القبار (الجبار)	
			Sectio	on 5. PLUGGI	NG RECORD			
Plugging Contr	actor							
Address Plugging Metho					No.	Depth in Top	Bottom	ubic Fe
Date Well Plug Plugging appro	-							
		State Eng	gineer Repres	sentative	3			
774-102 <b>/ 1016 - 1016</b> - 1016	u di katalah ka		FOR USE	OF STATE E	NGINEER ON	iLY		
	March	12, 1990						
Date Received				Qua	t	FWL _	FS	L

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From	in Feet	Thickn in Fe	Color and Type of Material	
0	10	10	Surface Soil	and a state of the
10	90	80	Red Clay	
0	91	1	Hard Basalt	
91	100	9	Gravel (water)	an Bara Maranya Kananya K
.00	151	51	Broken Basalt	of Consent
			Lost Circulation	in the state of
	i ,			
	1			Sector Stranger
:				t de la companya de l
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•			· · · · · · · · · · · · · · · · · · ·	1 2010 10 10 2 3 4 4 4
		Section	7. REMARKS AND ADDITIONAL INFORMATIO	N
	Hot	water at	91 ft. Temperature 240 degre	es Fht.
				Chetter State Chetter
				Zone ii
,				and a second s ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
				1
				M.PC
			· · ·	
The undersigned hold the transmission of transmission of the transmission of the transmission of the transmission of transmiss	ned hereby cer e.	tifies that, to th	e best of his knowledge and belief, the foregoing h	s a true and correct record of the above
			Sal 1	Surgel
	•			Driller

		- Canal Carlos	<u>44 ( 16 )</u>		R	evised-April, 197
	IMPORTA	READ INSTRUCTION	IS BEFORE I	FILLING OUT T	HIS FORM Jell	1-)
	CHA	NGE OF OWNERS	SHIP OF W	ATER RIGHT	No.2	
	NAME OF WATER RIGHT OWNER OF Mailing Address <u>P. O. Box</u>		itates of	America - F	armers Home	Administra
	City and State	y. New Mexico	88062	50 ml 4 (0	0.13.14	
	the owner and holder of a water right set of record in the office of the State Engin		all	59 and A-60	0.0000000	RED A-59-
			(all or part)	-		
		Box 265A				
	City and State Animas, New	Mexico 88020				
2.	IRRIGATION: The conveyed water rig version as that amount	ght is appurtenant to lan of water measured at the			nly lands with actual v	water right and id
	SUBDIVISION SECTIO (District or Hydrographic Survey)		RANGE (Tract No.)	ACREAGE	DIVERSION (Acre Feet Per Annum)	PRIORITY
	SWINFI 13	<u>25 S.</u>	<u>20 W.</u>	39.40		
	Part ESSESNES 13	<u> </u>	<u>20 W.</u>	9.80	<u>-,</u>	
est	Part SEYNEY 13	<u>25 S</u>	<u>20 W.</u>	30,21		
est	Part_SW4NW4 (Lot_2) 18	25_S	<u>19 W.</u>	20,70		
ast	Part SW4NW4 (Lot 2) 18	<u>25 S</u>	<u>19 W.</u>	17.81		
						•
						••••••••••••••••••••••••••••••••••••••
				117,92		
			TOTAL			
	OTHEA: Purpose diversion); Priority				(acr	e feet per annum
3.		······································	;	Amount		
З.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right):	NY THE CONVEYED R	; IGHT: (To be	Amount	yance involves only	a part of a grou
3.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO.	······································	; IGHT: (То bo SEC	Amount		
3.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO.	NY THE CONVEYED R	; IGHT: (То bo SEC	Amount	yance involves only OWNSHIP	a part of a group RANGE
3.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO.	NY THE CONVEYED R	; IGHT: (То bo SEC	Amount	yance involves only OWNSHIP	a part of a groun RANGE
3.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO.	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su	SEC 16HT: (To bo SEC 1/08y) ACE AND/OR	Amount executed it conve TION T  PURPOSE OF USE	(acro yance involves only OWNSHIP (Map No.)	a part of a groun RANGE (Tract No.) SCRIBED WATE
	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PL t described above is a rig	SEC Vey) ACE AND/OR ht lor irrigatio	Amount executed it conve TION T PURPOSE OF USE n purposes and has	(acro yance involves only OWNSHIP (Map No.) OF THE ABOVE DE been conveyed separ	a part of a groun RANGE (Tract No.) SCRIBED WATE ate from the land
	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	SEC Vey) ACE AND/OR ht lor irrigatio	Amount executed it conve TION T PURPOSE OF USE n purposes and has	(acro yance involves only OWNSHIP (Map No.) OF THE ABOVE DE been conveyed separ	a part of a groun RANGE (Tract No.) SCRIBED WATE ate from the land
	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	ACE AND/OR I htt for irrigatio	Amount	(acro yance involves only OWNSHIP (Map No.) OF THE ABOVE OF been conveyed separ bing statements and th	a part of a groun RANGE (Tract No.) SCRIBED WATE ate from the land
	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	ACE AND/OR I htt for irrigatio	Amount	(acro yance involves only OWNSHIP (Map No.) OF THE ABOVE DE been conveyed separ	a part of a groun RANGE (Tract No.) SCRIBED WATE ate from the land
	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	ACE AND/OR I htt for irrigatio	Amount	(acro yance involves only OWNSHIP (Map No.) OF THE ABOVE OF been conveyed separ bing statements and th	a part of a groun RANGE (Tract No.) SCRIBED WATE ate from the land
4.	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	ACE AND/OR I htt for irrigatio	Amount executed if conve TION T PURPOSE OF USE n purposes and has has read the forego OSETTE, INCO	(acro yance involves only OWNSHIP (Map No.) COF THE ABOVE DE been conveyed separ- bing statements and th DRPORATED	A part of a groun RANGE (Tract No.) ESCRIBED WATE are from the land wat the same are tr
4. Sub	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di- I HEREBY CONSENT TO A LAWFU RIGHT: (To be executed if water right which it is appurtenant.) The undersigned, being first duly swort to the best of his knowledge and belief	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig	d says that he	Amount executed if conve TION T PURPOSE OF USE n purposes and has has read the forego OSETTE, INCO	(acro yance involves only OWNSHIP (Map No.) COF THE ABOVE DE been conveyed separ- bing statements and th DRPORATED	A part of a groun RANGE (Tract No.) ESCRIBED WATE are from the land wat the same are tr
4. Sub	diversion); Priority DESIGNATE WELLS TO ACCOMPAN water right): WELL FILE NO. (Di- 	NY THE CONVEYED R SUBDIVISION strict or Hydrographic Su L CHANGE IN THE PLJ t described above is a rig n upon oath, deposos an	d says that he	Amount executed if conve TION T PURPOSE OF USE n purposes and has has read the forego OSETTE, INCO	(acro yance involves only OWNSHIP (Map No.) : OF THE ABOVE DE been conveyed separation been conv	A part of a groun RANGE (Tract No.) ESCRIBED WATE ate from the land wat the same are tr A. D., 19 87 Notary Pub
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IMPORTANT	READ INSTRUCTIONS	ON BACK BI	EFORE FILLING O	UT THIS FORM	
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	ropriate the Undergrou	und Waters o	f the State of New	Mexico	· ·
Date Received	enber 30, 1987	File No	A-36-AB-5	5-13	
1. Name of applicant Mailing address	Burgett_Inve Star_Boute,	stment, Ir Route 265-	A		
City and State	Animas, New	Mexico 88	1020		
2. Source of water supply	shallow water ac (arresian or shallow water	<u>luifer</u> , loca 1 aqui <i>ler</i> )	ted in <u>Animas (</u> (Am	<u>lalley</u> ne of underground basi	a)
3. The well is to be locat	ed in the SE % SE	<u> 14 NW 14.</u>	SectionT	ownship 25 S	
on land owned by	M.P.M., or Tract No Burgett Investment	of Map No	of the	······································	District,
4. Description of well: ne Outside Diameter of ca	ame of driller				i
5. Quantity of watel to be					leet; re feet, per ann
	uses, irrigation w		(consumptive us		•
6. Acreage to be irrigated					
					_
Subdivision	Section Townshi	lp Range	Acres	Owner	
For supplementa	al appropriation of annum from all com	of shallow	ground water r	not to exceed 5	30.256
uses and irriga	ition within green	houses and	related purpo	oses located in	the SWINE'S
and the NW <sup>1</sup> zSE <sup>1</sup> z	of Section 7, Tow	<u>/nsh1p_25_</u> S	outh, Range 19	West, N.M.P.M.	·
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	the state of the second se	and the second		lon of 530.256 a	icre-feet
WELL NO: A-36-A	num and described SUBDIVISION SE <sup>1</sup> 4SW <sup>1</sup> 4NE <sup>1</sup> 4	l as follow SECTION 7	al appropriati is: TOWNSHIP 25 S	Lon of 530.256 a RANCE 19 W	<u>acre-</u> feet
WELL NO: A-36-A A-36-B A-36-AB-S	num and described SUBDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub>	l as follow SECTION 7 7 7 7	al appropriati s: TOWNSHIP 25 S 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W 19 W	
WELL NO: A-36-A A-36-B A-36-AB-S A-36-AB-S-2	num and described SUBDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub>	l as follow SECTION 7 7	al appropriati s: TOWNSHIP 25 S 25 S 25 S 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W 19 W 19 W 19 W	
WELL NO: A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-4	num and described SUBDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub>	l as follow SECTION 7 7 7 7	al appropriati s: TOWNSHIP 25 S 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W 19 W 19 W 19 W 19 W 19 W	<u></u> feet
WELL NO: A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-3 A-36-AB-S-4 A-36-AB-S-5	num and described SUBDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub>	as follow SECTION 7 7 7 7 7 7 7 7	al appropriations TOWNSHIP 25 S 25 S	Lon of 530.256 z RANCE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	ICTE-feet
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WELL NO:           A-36-A           A-36-B           A-36-AB-S           A-36-AB-S           A-36-AB-S-2           A-36-AB-S-3           A-36-AB-S-4           A-36-AB-S-5           A-36-AB-S-5           A-36-AB-S-6           A-36-AB-S-7           A-36-AB-S-8	num and described SUBDIVISION SEI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 NWI2NWI2SEI2 NWI2NWI2SEI2 NWI2NWI2SEI2	as follow SECTION 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	al appropriations: TOWNSHIP 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	
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$\begin{array}{c} \mbox{WELL NO:} \\ \mbox{$\Lambda-36-\Lambda$} \\ \mbox{$\Lambda-36-\Lambda$B-S$} \\ \mbox{$\Lambda-36-\Lambda$B-S-2$} \\ \mbox{$\Lambda-36-\Lambda$B-S-2$} \\ \mbox{$\Lambda-36-\Lambda$B-S-3$} \\ \mbox{$\Lambda-36-\Lambda$B-S-4$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-1$} \\ \mbox{$\Lambda-36-\Lambda$} \\ $\Lambda-36-\Lambda$	num and described SUBDIVISION SE <sup>1</sup> <sub>2</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub>	as         follow           SECTION         7           7         7           7         7           7         7           7         7           7         7           7         7           7         12           12         7	al appropriations: TOWNSHIP 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	Incre-feet
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$\begin{array}{c} \mbox{WELL NO:} \\ \mbox{$\Lambda-36-\Lambda$} \\ \mbox{$\Lambda-36-\Lambda$B-S$} \\ \mbox{$\Lambda-36-\Lambda$B-S-2$} \\ \mbox{$\Lambda-36-\Lambda$B-S-2$} \\ \mbox{$\Lambda-36-\Lambda$B-S-3$} \\ \mbox{$\Lambda-36-\Lambda$B-S-3$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-5$} \\ \mbox{$\Lambda-36-\Lambda$B-S-6$} \\ \mbox{$\Lambda-36-\Lambda$B-S-6$} \\ \mbox{$\Lambda-36-\Lambda$B-S-6$} \\ \mbox{$\Lambda-36-\Lambda$B-S-6$} \\ \mbox{$\Lambda-36-\Lambda$B-S-6$} \\ \mbox{$\Lambda-36-\Lambda$B-S-10$} \\ \mbox{$\Lambda-36-\Lambda$B-S-10$} \\ \mbox{$\Lambda-36-\Lambda$B-S-12$} \\ \mbox{$\Lambda-36-\Lambda$B-S-12$} \\ \mbox{$\Lambda-64$} \end{array}$	num and described SUBDIVISION SE <sup>1</sup> <sub>2</sub> SW <sup>1</sup> <sub>2</sub> NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>5</sub> SW <sup>1</sup> <sub>5</sub> NE <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>5</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub>	as         follow           SECTION         7           7         7           7         7           7         7           7         7           7         7           7         12           12         7           7         7	al appropriations: TOWNSHIP 25 S 25 S	Lon of 530.256 a RANCE 19 W 19 W	
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WELL NO:         A-36-A         A-36-B         A-36-AB-S         A-36-AB-S-2         A-36-AB-S-2         A-36-AB-S-2         A-36-AB-S-3         A-36-AB-S-4         A-36-AB-S-5         A-36-AB-S-6         A-36-AB-S-7         A-36-AB-S-7         A-36-AB-S-10         A-36-AB-S-10         A-36-AB-S-11         A-36-AB-S-12         A-64         A-65-A         A-65-A         A-65-A-S         I, Dale Burgett         and belief and that develop	num and described SUBDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>5</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>5</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>5</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup>	as         follow           SECTION         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7           7         7	al appropriations of the second secon	Image: Construct of the sector of t	braicdge BEAL
WELL NO:         A-36-A         A-36-B         A-36-AB-S         A-36-AB-S-2         A-36-AB-S-2         A-36-AB-S-2         A-36-AB-S-3         A-36-AB-S-4         A-36-AB-S-5         A-36-AB-S-6         A-36-AB-S-7         A-36-AB-S-7         A-36-AB-S-10         A-36-AB-S-10         A-36-AB-S-11         A-36-AB-S-12         A-64         A-65-A         A-65-A         A-65-A-S         I, Dale Burgett         and belief and that develop	num and described SUBDIVISION SEI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 NWI2SWI2NEI2 NWI2SEI2 NWI2SEI2 NWI2SEI2 NWI2SWI2NWI2 SWI2SWI2NUN SWI2SWI2NUN SWI2SWI2 SWI2SWI2NUN SWI2SWI2NUN SWI2SWI2 SWI2	as follow SECTION 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	al appropriations of the second secon	Image: Construct of the set of the best of the set of	BEAL Pillar New Mexico
WELL NO:         A-36-A         A-36-B         A-36-AB-S         A-36-AB-S-2         A-36-AB-S-3         A-36-AB-S-3         A-36-AB-S-4         A-36-AB-S-5         A-36-AB-S-5         A-36-AB-S-6         A-36-AB-S-7         A-36-AB-S-10         A-36-AB-S-10         A-36-AB-S-10         A-36-AB-S-11         A-36-AB-S-12         A-36-AB-S-12         A-64         A-65-A         A-65-A         A-65-A         Burgett Invest	num and described SUBDIVISION SEI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 SWI2SWI2NEI2 NWI2SWI2NEI2 NWI2SEI2 NWI2SEI2 NWI2SEI2 NWI2SEI2 NWI2SEI2 NWI2SWI2NWI2 SWI2SWI2NWI2 SEI2SEI2SWI2 SWI2SWI2NWI2 SWI2SWI2 SW	as follow         SECTION         7	a1 appropriation         70WNSHIP         25 S	Image: Construct of the set of the best of the set of	BEAL Pillar New Mexico
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Number	of	this	nemit.	

A-36-AE-S-13

المتعوية العالم العقور

in.,

## State of a state of the second state of state engineer

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of \_\_\_\_\_\_\_ wells be complied with; and further subject to the followips; <sup>2, 2, 4</sup>, <sup>6</sup> conditions:

1. The total amount of water diverted from all sources combined shall be exceed 530.256 acre-last fit sources at the walls under this paralt for geothermal use, irrigation within greenhouses and related purposes.

2. The total scours of voter diverted from all sources combined shall be messared by totalising oncers and/or lour meters of a type approved by and installed in a sense and at locations acceptable to the State Espineer.

3. Records of the amount of water divorted during the preceding calendar month shall be submitted to the Sinte Engineer, District 3 Office, P. O. Box S44, Deming, New Mexico 55031, on or before the 30th day of the following month.

Proof of completion of well shall be filed on or before \_\_\_\_\_\_\_ Octobor \_\_\_\_\_\_\_\_, 5% Proof of application of water to beneficial use shall be filed on or before \_\_\_\_\_\_\_\_, 19 \_\_\_\_\_\_ Witness my hand and seat this \_\_\_\_\_\_ 5th \_\_\_\_\_ day of \_\_\_\_\_April \_\_\_\_\_\_, A.D., 19 \_\_\_\_\_\_ S. E. Reynolds, State Engineer

By: Jb Nijon J. B. Mixon

Engineer, District 3

#### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. • Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5---Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7-If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

# **#12** Revised June 1972

### STATE ENGINEER OFFICE WELL RECORD

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Section 1. GENERAL INFORMATION

(A)	Street or	Post Office Ad	dressS	tar_Rout	e,_Box	-265=A		Оwлег		
Well	was drilled	under Permit 1	NoA	-36-AB-S	-13	and i	s located	in the:		
								25 S Ran	ge <u>19</u>	WN.M.P.M.
		;								
			·							
			in							
	d. X= the	<u></u>	. feet, Y≖		fee	t, N.M. Co	ordinate	System		Zone in Grant.
(B)	Drilling C	ontractorI	ale Durget	Ľ				License No	WD-24	8
Addr	ess	j	tar Route,	<u>-30x-265</u>	-A, An	imas, Ne	w Mex	102 88020		
Drilli	ing Began .		Compl	eted	4/82	Турс	tools	Rotary	Size of h	ole <u>97/</u> 8m.
Eleva	ition of lar	nd surface or			a	t well is		ft. Total depth	of well2	<u>75(t.</u>
Com	pleted weli	lis 🛄 st	allow 🗔 ar	tesian.		Depth	to water	r upon completion	of well	<u>65                                    </u>
			Secti	on 2. PRIN					,	
	Depth From	in Feet To	Thickness in Feet	, r	Description	n of Water-	Bearing I	rormation		nted Yield per minute)
	90	110	20						50	·
	90	110	20	(	lravul.				50	
						<u> </u>				
L		<b></b>	1					•	<u>}</u>	
	liameter	Pounds	Threads		in Feet	DRD OF C.	ength	Type of Sho		Perforations
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r				n 4. RECO	rd of m	UDDING /	ND CEI			
<u> </u>	Depth From	in Feet To	Hole Diameter	Sac of M		Cubic I of Cem		Meth	od of Placem	ent
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			<del></del>		on S. PLU	IGGING RI	CORD			
Plu	gging Meth	od bo					No.	Depth in Top	n Feet Bottom	Cubic Feet of Cement
	e Well Pluj gging appro						$\frac{1}{2}$			
		<del></del>	State Eng	incer Repre	sentative		3			
-				-			_ <u>L</u>	<u> </u>		·

FOR USE OF STATE ENGINEER ONLY

Date Received March 16, 1988

File No. \_\_\_\_\_ A-36-AJI-S-13

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	i P		Section 6. LOG OF HOLE
Depth From	in Feet	The setss in r-cet	Color and Type of Material Encountered
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

-1Surg Distr -00 न्दर्  $\underline{\alpha}$ 

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, executed in S, shall be answered as completely i = - certately as possible when any well is

IMPORTANTP	AD INSTRUCTIONS ON BA	CK DEFORE FULLIN		
CORRECTIVE Applica	ion for Permit to C	hange Locatio	n of Well	
Date Received Novemb	er 50, 1987	File No. <u>A=36-AB</u> =	S-8	
I. Name of Water Right Owner	Burgett Inves	tment, Inc.		
Street or Post Office Address	Star Route Box	<u>c 265A</u>		
City and State	Animas, New Me	2X1C0	Zip Code <u>88020</u>	
2. Source of water supply	ballow		nas_Valley	<u> </u>
	esian or shallow water aquifer	)	(name of underground basing	n)
3. Well from which rights are to (a) Well is in the <u>NW</u>		u 7 Township	25 C Bauge 10 U N	мрм
or Tract No of				
(b) is well to be plugged <u>not</u>	drilled; If not, state for	what use retained		·
<ol> <li>Application is made to chan original right describe that part</li> </ol>	je location of well for the to	Howing reasons (If we	Il is to be used for only a correct location of	part of
Well No. A-36-AB-S-	8 from the NW4NW4SE	of Section 7,	to the NE <sup>1</sup> 4NW <sup>1</sup> 4SE <sup>1</sup> 4 o	f
Section 7.				
i. Well to which transfer is to be	made:			
(a) Located in the <u>NE</u>		ction Township	25_5 Range 19_WN.	M.P.M.,
or Tract No of				
on land owned byBurge (b) Quantity of water to be a	tt_Investment., Inc			,
of land, if not for irrelatio	specify purpose suppler	mental geotherm	al, irrigation with	_ acres
(c) If existing well, give File N	o. <u>A-36-AB-S-8</u>	Creenhouses &	related purposes	
(d) If a new well, give name o			·	
(c) Outside diameter of casing	inches; Approx	ximate depth to be dri	lled feet.	
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### STATE ENGINEER OFFICE WELL RECORD

#### Section 1. GENERAL INFORMATION

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								Well #10		tevised June 1972
· · · · ·				STA	TE ENGINE		ICE	Mer.		
4				Section 1	. GENERAI	. INFORI	AATION			
	(A) Owner of	well		Burge	tt Inves	tment.	Inc.	Owne	er's Well No	<u></u>
•	Street or P City and S	ost Office Ad	dress	<u> </u>	IS. New M	ox 265 exico	88020			
	Well was drilled	under Permit	No,	<u> </u>	- <u>AB-S-8</u>	and i	s located i	in the:		
	3	% <u> NE.</u> %	<u>NW_%_S</u>	E ¼ of S	ection _7	To	wnship	<u>25 S</u> Ra	ngc <u>19 W</u>	N.M.P.M.
	b. Tract N	lo	of Map No.		of	the				
		-	1 in			•		·····		Zone in
			_ teet, 1 =					-		Zone in Grant.
	(B) Drilling Co	ontractor	bale Bu	rzett	<u> </u>			_ License No, _	WD-248	
	Address		Star_Ro	uta <u>, 110</u> :	<u>- 265-A</u> ,	Animas	. New N	<u>lezico 880</u>	20	
	Drilling Began		Com	pleted	10/84	Тур	e tools	rotary	Size of h	note <u>97/8</u> 1.
	Elevation of lan	d surface or _			at	well is		_ ft. Total dept	h of well	175(t.
	Completed well	is heat s	hallow 🗔 a	rtesian.		Depti	i to water	upon completic	on of well	<u>65</u> ().
	Depth i	n Feet	Sec		NCIPAL WA	TER-BE/	ARING ST	TRATA	Estim	ated Yield
	From	To	in Feet		Description	of Water	-Dearing F	ormation		per minute)
	90	100	10	Grav	el					100
	145	165	20	Brak	en rock			;		250+
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					tion 5. PLUC	GING R	ecord			
	Plugging Contr Address						No.	Depth	in Feet	Cubic Feet
	Plugging Metho Date Well Plug	ged						Тор	Bottom	of Cement
	Plugging appro	ved by: 	4° 17			<del></del>	2			
	, #16#1000175.00;1000135.0003 4		State En	gincer Repr			4			
	Date Received	March	LG, 1988	FOR US	SE OF STAT					
										FSL
1	File No	A-36-A1	3-5-8		Use _ <b>_</b>	hg.Lo	cation_	Location No	-25.19.7.	412

of well

			Section 6. LOG OF HOLE
Depth From	in Feet To	The set	Color and Type of Material Encountered
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

.

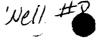
District -Atal

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and conditient to the appropriate district office of the State Engineer. All sections, executed in 5, shall be answered as completely a securately as possible when any well is

	INPODIANT DEAD INSTRUCTIONS ON DACK DEFORT STUDING CONTRACTOR
	IMPORTANTREAD INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM
	Application for Permit to Change Location of Well
	Date Received November 30, 1987 File No. <u>A-36-AB-S-7</u>
1.	Name of Water Right OwnerBurgett Investment, Inc.
	Street or Post Office AddressStar_Route_Box_265A
	City and State Zip Code _88020
2.	Source of water supplyshallow, located inAnimas Valley
2	[artesian or shallow water aquifer] (name of underground basin) Well from which rights are to be severed:
υ.	(a) Well is in the% NE % SE %, Section 7 Township 25 S Range 19 W N.M.P.M
	or Tract No of Map No of the
	(b) Is well to be plugged not drilled If not, state for what use retained
4	Application is made to change location of well for the following reasons (If well is to be used for only a part
	original right describe that part by legal description under item number 61:
	CHANGE OF BUILDING PLANS
5.	Well to which transfer is to be made:
	(a) Located in the <u>NE % NW % SE %</u> , Section <u>7</u> Township <u>25 S</u> Range <u>19 W N.M.P.N</u> or Tract No of Map No of the
	on land owned by <u>Burgett Investment</u> , Inc
	(b) Quantity of water to be appropriated <u>530, 256</u> acre feet applied to acre
	of land; if not for irrigation, specify purpose supplemental geothermal uses, irrigation with (c) If existing well, give File No. A-36-AB-S-7 greenhouses and related purposes.
	(d) If a new well, give name of driller
	(e) Outside diameter of casing inches; Approximate depth to be drilled feet.
I, an	d belief and that I am theagent_for owner and holder of said water right.
I, an	d belief and that I am theagent_for owner and holder of said water right. (sole, partial, agent for, etc.)
I, an	d belief and that I am theagent_for owner and holder of said water right.
I, an By	d belief and that I am theagent_for owner and holder of said water right. (sole, partial, agent for, etc.)
I, an By	d belief and that I am theagent_for owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant
 Ву	d belief and that I am theagent_for owner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant Inc, Applicant ACTION OF STATE ENGINEER
 Ву 	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant IACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State angineer pertaining to the drilling of wells be complied with; and further subject to the following wells be complied with; and further subject we following wells be complied with; and further subject we following we following wells be complied wells be compliant wells
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State angineer pertaining to the drilling of wells be complied with; and further subject to the following wells be complied with; and further subject we following wells be complied with; and further subject we following we following wells be complied wells be compliant wells
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the Stations agineer pertaining to the drilling of wells be complied with; and further subject to the followin inditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State agineer pertaining to the drilling of wells be complied with; and further subject to the followin inditions: 1. The total amount of water diverted from all sources combined shall not
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State agineer pertaining to the drilling of wells be complied with; and further subject to the followind inditions: 1. The total amount of water diverted from all sources combined ghall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit for geothermal use, irrigation within greehhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State angineer pertaining to the drilling of wells be complied with; and further subject to the followin inditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the Sta- ngineer pertaining to the drilling of wells be complied with; and further subject to the followind inditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit for geothermal use, 1rrigation within greehhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be measured by totalizing meters and/or hour meters of a type approved by and Installed in a manner and at a location acceptable to the State Engineer. 3. Records of the amount of water diverted during the preceding calendar in (sole, partial, agent diverted during the preceding calendar in (sole, partial) (sole, partial) (sole) (sole
By All to Er	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, IncApplicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State inditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit for geothermal use, 1rrigation within greehhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be measured by totalizing meters and/or hour meters of a type approved by and Installed in a manner and at a location acceptable to the State Engineer. 3. Records of the amount of water diverted during the preceding calendar in shall be submitted to the State Engineer, District 3 Office, P. O. Box 2844
All to Er CO	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER (ter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State inditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under this permit for geothermal use, irrigation within greehhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be measured by totalizing meters and/or hour meters of a type approved by and installed in a manner and at a location acceptable to the State Engineer. 3. Records of the amount of water diverted during the preceding calendar in shall be submitted to the State Engineer. District 3 Office, P. O. Box 844 beming, New Mexico \$8031, on or before the 30th day of the following month
All to Erico	d belief and that I am theagent_forowner and holder of said water right. (sole, partial, agent for, etc.) Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER ACTION OF STATE ENGINEER Iter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State inditions: 1. The total amount of water diverted from all sources combined shall net exceed 530.256 acre-feet per annum measured at the wells under this permit for geothermal use, irrigation within greenhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be measured by totalizing meters and/or hour meters of a type approved by and installed in a manner and at a location acceptable to the State Engineer. 3. Records of the amount of water diverted during the preceding calendar in shall be submitted to the State Engineer. District 3 Office, P. 0. Box 844 beming, New Mexico 88031, on or before the 30th day of the following month oof of completion of well shall be hield on or before
AI to Eiro	d belief and that I am theagent_forowner and holder of said water right. Burgett Investment, Inc, Applicant ACTION OF STATE ENGINEER ACTION OF STATE ENGINEER Iter notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercise the impairment of any others having existing rights; further provided that all rules and regulations of the State agineer pertaining to the drilling of wells be complied with; and further subject to the followinditions: 1. The total amount of water diverted from all sources combined shall not exceed 530.256 acre-feet per annum measured at the wells under rhis permit for geothermal use, 1rrigation within greehhouses and related purposes. 2. The total amount of water diverted from all sources combined shall be measured by totalizing meters and/or hour meters of a type approved by and

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IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FOR STATE ENGINEER	112833 D - \$ M
DEMINGAPplication for Permit to Change Location of Well	
Date Received May 21, 1984 File No. <u>A-36-AB-S-7</u>	
I. Name of Water Right Owner Burgett Investment, Inc. 34 JUL 17 A	1º 17 40
Street or Post Office Address Star Route, Box 265A	.5 70
City and State Zip Code _8	
2. Source of water supply <u>shallow water aquifer</u> , located in <u>Animas Valley. Un</u> (artesian or shallow water aquifer) (name of undergro	derground Wat
3. Well from which rights are to be severed:	
(a) Well is in the <u>NE % NU % SE %</u> , Section <u>7</u> Township <u>25 S</u> Range or Tract No of Map No of the	<u>19W_N.M.P.M.</u> ,
(b) is well to be plugged <u>not</u> drilled if not, state for what use retained	······································
4. Application is made to change location of well for the following reasons (If well is to be used for original right describe that part by legal description under item number 6): <u>Have leased a prophysical to the second to re-locate my well</u> .	ortion of my
5. Well to which transfer is to be made:	
(a) Located in the% <u>NE_%</u> SE%, Section <u>7</u> Township <u>25 S</u> Range <u>1</u> or Tract No of Map No of the	<u>9 W</u> N.M.P.M.,
on land owned by Burgett Investment, Inc	•
(b) Quantity of water to be appropriated <u>79.5 acre teet per</u> acre feet applied to	
of land; if not for irrigation, specify purpose_supplemental_geothermal_uses, gre	
(c) If existing well, give File No (d) If a new well, give name of drillerBurgett_Investment. Inc.	related purpo
(e) Outside diameter of casing <u>10</u> inches; Approximate depth to be drilled <u>1500</u> f	feet.
6. Additional statements or explanations	
6. Additional statements or explanations	·····
•	
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I,	
I,, affirm that the foregoing statements are true to the best of and belief and that I am the Bole owner and holder of said water (sole, partial, agent for, etc.)	ater right.
I,	
I,, affirm that the foregoing statements are true to the best of and belief and that I am the Bole owner and holder of said water (sole, partial, agent for, etc.)	ater right.
I,	(2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
I,	2011 2011 2011 2011 2011 2011 2011 2011
I	ater right.
I,	ater right.
I,	ater right.
I,	ater right.
I,Dale_Burgett, affirm that the foregoing statements are true to the best of and belief and that i am theBole owner and holder of said w. (sole, partial, agent for, etc.)         Burgett_Investment, Inc, Applicant         By:	ater right.
I,Dale_Burgett, affirm that the foregoing statements are true to the best of and belief and that i am theBole owner and holder of said w. (sole, partial, agent for, etc.)         Burgett_Investment, Inc, Applicant         By:	ater right.
I,Dale_Burgett, affirm that the foregoing statements are true to the best of and belief and that i am theBole owner and holder of said w. (sole, partial, agent for, etc.)         Burgett_Investment, Inc, Applicant         By:	ater right.
I,	ater right.
I,Dale_Burgett, affirm that the foregoing statements are true to the best of and belief and that i am theBole owner and holder of said w. (sole, partial, agent for, etc.)         Burgett_Investment, Inc, Applicant         By:	ater right.
I.       Dale Burgett	ater right.
i	ater right.
I	ater right.



Revised June 1972

## STATE ENGINEER OFFICE

## WELL RECORD

Section 1. GENERAL INFORMATION

(A)	Owner of	well		Burgett	Investmen	t, Inc.		Well No	
						o 88020			
	-					and is located in			
	a	. <u>%NW</u> %	<u>NW %</u>	SE_ % of Sec	tion7	_ Township	2.5_S Range	19_W	_N.M.P.M.
	b. Tract N	lo,	_ of Map No.		of the .		<u></u>		
					of the Co	ounty.			<u> </u>
			feet, Y=		feet, N.M	A. Coordinate S	ystcin		
<b>(B)</b>	Drilling C	ontractor	Burget	<del>r Drillin</del>	<u>.</u>	- <u>//</u>	_ License No		<u></u>
Addre	esš			oute, Box	-265-A; An:	<del>luas, iven l</del>	lexico- 48020		
							locary		
Eleva	tion of lan						_ ft. Total depth o		
Com	pleted well	is 🔽 st				Depth to water	upon completion o	f well 6	, <mark>8</mark> ft.
·	Depth i	n Reet	Thicknes			GREATING ST		Estimated	Y inld
	From	To	in Feet	·   ·	Description of V	Vater-Dearing Fo	ormation	(gallons per i	
									}
	- 90	105	15		OLAV	81			
	225	-240	-15		Brok	en rock or	crevis		)
				Section	n 3. RECORD	OF CASING			
	iameter	Pounds	Threads		in Feet	Length	Type of Shoe		rations
	inches)	per foot	per in.	Төр	Bottom	(feet)	••	From	<u> </u>
		weided		0			, none		-225
						()	03 1622		

10 Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud		E EMethod of Placement
From	<u> </u>	Diameter			m +
					ω.
				├ <b>───</b>	

### Section 5. PLUGGING RECORD

Plugging Contractor					
Address	N.	Depth	in Feet	Cubic Feel	
Plugging Method	No.	Top	Bottom	of Cement	
Date Well Plugged	1				
Plugging approved by:	2				
	3				
State Engineer Representative	4				

FOR USE OF STATE ENGINEER ONLY

Date Received March 16, 1988	•		FOR USE OF STATE ENGINEER ONLY	
	Date Received	March 16, 1988		

File No.\_\_\_\_\_\_ A-36-AB-S-6\_\_\_

Use Supplemental Location No. 25, 19, 7, 411-

			Section 6. LOG OF HOLE						
Depth From	To	Thic is in Feet	Color and Type of Material Encountered						
	1								
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

65 20 n a Duller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, exc. — lection 5, shall be answered as completely : — lectrately as possible when any well is



## STATE ENGINEER OFFICE

## WELL RECORD

## Section 1. GENERAL INFORMATION

		STATE ENGINEER OFFICE WELL RECORD		
	S	ection 1. GENERAL INFORMA	TION	
Street or Post Office Ad	iress	Burgett Investment, Star Route, Box 265- Animas, New Mexico	Α	
a 4NE 4	NW 4 SE	_A=36=AB=S=7 and is lo ¼ of Section7 Towns of the	hip <u>25 S</u> Ran	-
Subdivision, recorded d. X= the	in	of the County. feet, N.M. Coord 	linate System	Zone in Grant.
•		1911. 		
Drilling Began	Complete	d _ <u>10/84</u> Type to	ools <u>Rotary</u>	Size of hole in.
	allow 🗔 artes		water upon completion	of well <u>130</u> ft.
Depth in Feet	Section Thickness	2. PRINCIPAL WATER-BEARI	· · · · · · · · · · · · · · · · · · ·	Estimated Yield
From To	in Feet	Description of Water-Be	aring Formation	(gallons per minule)
		Gravel		001
129 130	1	Open Hole	Cavity	250+

## Section 3. RECORD OF CASING

Diameter	Pounds	Threads	Depth in Feet		Length	Type of Shoe	Perforations		
(inches)	per fool	per in.	Тор	Bottom	(feet)	Type of Silde	From	ſo	
8 5/8		wolded	0	130	130		90	130	
0			•			63			
		+							
L		<u> </u>		L	<u> </u>				

## Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole	Sacks	Cubic Feet	== Method of Placement
From	To	Diameter	of Mud	of Cement	E FA FUNCTION OF FLACEMENT
} •					77 -
		[			
· · ·					

## Section 5. PLUGGING RECORD

Plugging Contractor					
Address		Depth	Cubic Feet		
Plugging Method	No.	Тор	Bottom	of Cement	
Date Well Plugged					
Plugging approved by:	2				
	3				
State Engineer Representative	4				

FOR USE OF STATE ENGINEER ONLY

Date	Received	March	16.	1988
		marcn	10,	1200

Quad \_\_\_\_

\_\_\_\_\_ FWL \_\_\_\_\_ FSL \_\_\_\_\_

File No.\_\_\_\_\_A-36-AB-5-7

\_ Use Supplemental Location No. 25, 19, 7, 412

- 17. Magel 1976 - 1			Section 6. LOG OF HOLE						
Depth i From	n Feet To	Thick in Feer	Color and Type of Material Encountered						
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

1Ser 204 るん X Uriller

UNSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, excernicetion 5, shall be answered as completely a courately as possible when any well is

# weil #

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## STATE ENGINEER OFFICE

## WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of	well	B				nc.		Owner's W	eil No		
	Post Office Ad State	dress <u>c</u>	urgett Inv /o Dale Bu nimas, New	rgett Mexico	Sta D 8	r Route, 8020	Box 265-	A			
Well was drilled											
a	_ ¼ <u>_SW</u> ¼	<u>SW</u> %	NE 4 of Sec	tion	7	_ Township	<u>25 S</u>	Range _	<u>19 W</u>		_N.M.P.M
b. Tract	No	of Map No		of	the .						
		_ feet, Y=		fee	ι, N.M	1. Coordinat	e System				Zone in Grant.
(B) Drilling C	ontractor	Bu	rgett Dril	lling			License l	NoWD	-248	·	
Address	·	St	ar Route,	Box 26	<u>5a,</u>	Animas	Hew Mext	0 28	020		
Drilling Began .	05/82	Com	pleted0	8/82		Type tools.	Rotary		. Size of ho	ole <u>12</u>	2 3/4 in
Elevation of lar	nd surface or		4240	at	t well	is	ft. Total	depth of	well	<u> 600</u>	ſt
Completed wel	lis 🔽 s	hallow 🗀	artesian.		ſ	Denth to wal	er upon com	pletion of	well	65	ft
•	•		ction 2. PRING	TIPAT WA							
Depth	in Feet	Thicknes	s r				Formation		Estima		
From	To	in Feet				ater-bearing			(gallons j		inule)
95	100	5		Gravel					1	00	·····
145	165	20		Broken	and	cracked	rock	<u>.                                    </u>			
455	460	5		Crevice	•						
L											
			Section	n 3. RECC	ORD (	OF CASING					
Diameter	Pounds	Threads		in Feet		Length	Туре	of Shoe			ations
(inches)	per foot	per in.	Тор	Botto	m j	(feet)	_		Fro	<u>n</u>	<u> </u>
10 3/4		welded	0	250	ַ	250	none		90		105 165
8 5/8	<u> </u>		250	600	)	350					
			<u></u>			L		·····			
			tion 4. RECO				EMENTING				
From	in Feet To	Hole Diameter	Sacl of M			ibic Feet Cement		Method	of Placeme	nt	
							100 100	C.			
					<b>.</b>					,	
	<u> </u>		-				575	ویے 		<u> </u>	
L	l						<u> 第</u> 一	8			
			Sectio	on S. PLU	GGIN	G RECORE	<b>m</b>				
Plugging Cont	ractor							52			

June 17, 1988 FOR USE OF STATE ENGINEER ONLY

Quad .....

File No. A-36-AB-5-5

Date Received

\_\_\_\_ FWL \_\_\_

\_\_\_\_ FSL\_

	ويتقاربه والمراجع والمراجع		Section 6. LOG OF HOLE
Depth		Thic s in Feet	Color and Type of Material Encountered
From	To		
0	600	600	Conglomerate
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<u></u>	<u> </u>	<u> </u> .	
		Section	7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

4 Surapet Driller

INSTRUCTIONS: This form should be exected in triplicate, preferably typewritten, and set sitted to the appropriate district office of the State Engineer. All sections, excepted controls, shall be answered as completely and ecurately as possible when any well is builted, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Well #2

Revised June 1972

## STATE ENGINEER OFFICE

## WELL RECORD

## Section 1. GENERAL INFORMATION

	Street or P	ost Office Add	tress S	tar Rou	te. Box 1	265-A		Owner'		
			NoA							
	a	<u>% _SW_</u> %	<u>SW%NE</u>	_ % of Sec	tion 7		nship _2	5_S Rang	e <u>19 W</u>	N.M.P.M.
							•			
			of Block No in						- <u></u>	
			. feet, Y=					ystem		Zone in Grant.
(B)	Drilling Co	ontractor	Dala Burg	gett				_ License No	WD-24	8
Addr	ess		Star Rou	te, Box				lexico 88020		
								cable		01ein.
								_ ft. Total depth		
	pleted well							upon completion		· · · · ·
<b></b>	Depth i	a Feet	Section Sectio	on 2. PRIN	CIPAL WAT	ER-BEAT	UNG ST	RATA	Estima	ated Yield
	From	To	in Feet		Description of	of Water-B	learing F	ormation		per minule)
	90	115	25		Gi	ravel			 	25
-					<u></u> =			•		
<b> </b>										
<b></b>					n 3. RECOR			r		Defentions
	)iameter (inches)	Pounds per foot	Threads per in.	Top	in Feet Bottom		ngth 'eet)	Type of Sho	e 1710	Perforations
	8		welded	0	115		115		·	90 115
			Sectio	n 4. RECO	RD OF MUI	DDING A	ND CEM			
<b> </b>	Depth From	in Feet To	Hole Diameter	Sac of M		Cubic Fo		Stin Metho	d of Placem	ent
									<b>.</b>	
L			┉┹┯╾╌╦╾╾╌╌╦	с:	I		 			
Pluj	gging Conti	actor			on 5. PLUGO		LOKD			
							No.	Depth in		Cubic Feet of Cement
Dai	e Well Plug	ged						Тор	Boltom	or cement
Piuj	gging appro		43 43 4				2			
	*****		State Engi	neer Repre:	sentative	217 <b>2</b>	4			
Dat	e Received	03Marc	h 16, 1983	FOR USE	OF STATE					E9)
			- A 12- 5		S			FWL .		. I <sup>.</sup> SL
:	File No	A-36	-AB-S		Use	upplem		Location No.		· · · <b>· · · · ·</b> · · · · · · · · · · ·

	Investmen	فيتلافظ هــ جل
Burgell	Boy A	5-1
Star Ro	ute Box	

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-	Depth	in lieet	Thicknes	Section 6. LOG OF HOLIE
<u>ه</u> -	From	To	Thickness in Feet	Color and Type of Material Encountered
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Alburget Drillog

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and a finited to the approximate destruction of the state binning of the S



**Revised June 1972** 

## STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

A)	Street or I	well Post Office Add	iress	Star Ro	ule, Bo	x 26	5- <u>A</u>				
	City and S	itate	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	_Animas,	New Mo	exico	88020				
ell v	was drilled	under Permit N	ło	<u></u>	<u>-S-3</u>	a	nd is located i	n the:			
	a	- <u>% _ SW_</u> %	<u>%</u> N	E_ % of Sec	tion	7	Township	<u>25 S</u> Ra	nge <u>1</u>	9_W	N.M.P.
	b. Tract N	1o	_ of Map No, .			f the _		······			, 
	c. Lot No	), (	of Block No		0	( the					
	Subdiv	ision, recorded	in			Cou	nty.				
						et, N.M	. Coordinate S	ystem			Zono Gra
B)	Drilling C	ontractor	bni	<del>a-burgati</del>				_ License No	k	10-236	
٨ddr	ess			r-Poute	Box 26	8-A-	Animan, -N	law Noxi co	.88020	2	
				•							
					•			ft. Total dept			
1049	ation of lan							-	•	• .	
.om	pleted well	is 🔤 k sh	allow 🗆 a	rtesian.		D	epth to water	upon completio	n of well	165	
•			·	ion 2. PRING	CIPAL W	ATER-	BEARING ST	RATA			
	Depth i From	in Feet To	Thickness in Feet	r	Descriptio	n of Wa	ater-Bearing F	ormation		Estimated allons per	
	110.11		·	_					-		
		<del>-95</del>	5-	1			1		100		
	— 185—	210	25_			Brake	n rock	- <u></u>	250+		
				Sectio	n 3. REC(	0KD 0	F CASING		<u> </u>		
		Pounds	Threads		in Feet		Length	Type pf:St	100	Perf	orations
	liameter		per in.	Тор	Bolto	un –	(feet)			From	<u> </u>
	liameter (inches)	per foot								~~	22
			welded.		22	5	225	10 <b>10</b>	9	90	
	(inches)		welded	0	22	5	225 š		e	90	
	(inches)		welded.	0	22	5	225 š	101	2	90	
	(inches)			······································			225 š		L	90	
	(inches) 8 Depth	in Feet	Secti	on 4. RECO	RD OF M		225 GAND CEM Sic Feet	THOMEEN 38	L	90 lacement	
	(inches) 8		Secti	on 4. RECO	RD OF M		225	THOMEEN 38	L		
	(inches) 8 Depth	in Feet	Secti	on 4. RECO	RD OF M		225 GAND CEM Sic Feet	THOMEEN 38	L		
	(inches) 8 Depth	in Feet	Secti	on 4. RECO	RD OF M		225 GAND CEM Sic Feet	THOMEEN 38	L		
	(inches) 8 Depth	in Feet	Secti	on 4. RECO	RD OF M		225 GAND CEM Sic Feet	THOMEEN 38	L		
	(inches) 8 Depth	in Feet	Secti	on 4. RECO	RD OF M		225 GAND CEM Sic Feet	THOMEEN 38	L		
	(inches) 8 Depth	in Feet	Secti	on 4. RECO Sact of M	RD OF M ks ud		225 GAND CEM Sic Feet	THOMEEN 38	L		
Plug	(inches) <u>2</u> Depth From gging Conti	in Fect To	Secti Hole Diameter	on 4. RECO Sach of M Section	RD OF M ks ud		225 Z RG AND CEM Sic Feet Cement	THOMEER ING Met	hod of l	lacement	
Piug	<u>B</u> <u>B</u> <u>Depth</u> From Egging Contra dress <u></u>	in Feet To To ractor	Secti Hole Diameter	on 4. RECO Sach of M Section	RD OF M ks ud		225 Z RG AND CEM Sic Feet Cement	THOMEEN 38	hod of l	lacement	Cubic Fee
Plug Add Plug Dat	gging Contra gging Contra tress gging Methore	in Feet To To and	Secti Hole Diameter	on 4. RECO Sach of M Section	RD OF M ks ud		225 225 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	ENTING 00 Met	hod of P	lacement	Cubic Fee
Plug Add Plug Dat	<u>B</u> <u>B</u> <u>Depth</u> From Egging Contra dress <u></u>	in Feet To To and	Secti Hole Diameter	on 4. RECO Sach of M Section	RD OF M (s ud		225 2 2 2 2 2 2 2 2 2 2 2 2 2	ENTING 00 Met	hod of P	lacement	Cubic Fee

File No.\_\_\_\_ A-36-AB-5-3

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Use Supplemental Lucation No. 25.19.7.233

Quad \_\_\_\_\_ FWL \_\_\_\_ FSL\_

Depth i	in Feet	. kness	Section 6. LOG OF HOLE						
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller Driller  $\alpha$ 

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, exe — Section 5, shall be answered as completely : — courately as possible when any well is

Well #2/ Revised June 1972

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## STATE ENGINEER OFFICE

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## WELL RECORD

## Section I. GENERAL INFORMATION

A)	Street or P	well Post Office Add	Bur iress <u>Sta</u> And	ir Route,	, Box 265	)-A			r's Well No	
Vell v	was drilled	under Permit I	No. <u>A-</u>	36-B		and is lo	icated i	n the:		
									nge <u>19</u>	<u>WN.M.P.M.</u>
	b. Tract N	10	_ of Map No		of t	he				
	c. Lot No	), (	of Block No		of t	he				
;	Subdivi	ision, recorded	in			County.				
			. feet, Y=		feet,	N.M. Coord	inate S	ystem		Zone in Grant.
8)	Drilling Co	ontractor	Unknor	WT1				_ License No	······	· · · ·
Addr	css			<del></del>						
Drilli	ng Began _	1948	Comp	leted	1948	Type to	ools	cable	Size of 1	iolein.
Eleva	tion of lan	d surface or _			at v	well is		_ ft. Total dept	h of well	ſſ.
Com	pleted well	is ⊠arst	allow 🗆 a	rtesian.	·	Depth to	water	upon completio	n of well	<u>65</u> (I.
		•	Sect	ion 2. PRIN	CIPALWAT					
	Depth i From	in Feet To	Thickness in Feet		Description (	of Water-Ber	aring F	ormation		ated Yield per minule)
	<u>rrout</u>				Unknow					
					UIKIIOW	<u> </u>				
					·			······		
L	l		l							
<u> </u>	lameter	Pounds	Threads		in Feet				<del></del>	Perforations
	inches)	per foot	per in.	Тор	Bottom	Leng (fee	-	Type of St	Fr	om To
	18			0	90	90	)	<sup>2</sup> mnone	54 	
	8	 		0	110	110	)	none		
				. <u>.</u>	<u></u>					<u></u>
					ORD OF MU			ENTING		
<u> </u>	Depth From	in Feet To	Hole Diameter	Sac of N	:ks Aud	Cubic Fee of Cemen		Mcl	hod of Placen	nent
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			1			····				
h	· · · · · ·	· <b>I</b>								
Phu	wing Cont	ractor		Secti	ion 5, PLUG	GING REC	ORD			
Add	Iress					[	No.	Depth		Cubic Feet
	gging Meth e Well Plug			•				Тор	Bottom	of Cement
Plu	gging appro	oved by:				F	2			
		بالخرجي ويستعلاجه								

		Quad FWL	FSL
File No	A-36-B	Use Change Location No	25.19.7.234

	Section 6, LOG OF HOLE								
Depth	in Feet	Thick in Fec.							
From	To	in Feet	Color and Type of Material Encountered						
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Section 7, REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

12 July r ft へ 2 Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, exel is fection 5, shall be answered as completely to include the prossible when any well is



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STATE ENGINEER OFFICE

## WELL RECORD

Section 1. GENERAL INFORMATION

(A)	(A) Owner of well Street or Post Office Address City and State				Burgett Investment, Inc Owner's Well No Star Route, Box 265-A Animas, New Mexico 88020							
Weil	was drilled	under Permit N	10	<u> </u>		and is	located i	in the:				
	a	4 <u>SE</u> 4	%	NE % of Sect	tion7	Tow	nship	25 S Rang	je <u>19</u>	<u>WN.M.P.M.</u>		
	b. Tract N	lo	_ of Map No		of t	he						
			of Block No in									
	d. X=				feet,	N.M. Coo		ysicm				
(B)								_ License No				
	ress			••••••••••••••••••••••••••••••••••••••	<del></del>			······································	, <u></u>			
Drill	ling Began .	1948	Comple	eted	948	Турс	tools	cable tools	Size of ho			
Elev	ation of lan	d surface or _						_ ft. Total depth		•		
Con	pleted well	is 🔼 sh	allow 🗔 art	esian.		Depth	lo water	upon completion	of well	, 65 (t.		
<b></b>	Depth i	n Feet	Secti Thickness	on 2. PRINC	TIPAL WAT	TER-BEAD	LING ST	RATA	Fetima	ted Yield		
	From	To	in Feet	<u>d</u>	escription	of Water-B	learing F	ormation		per minule)		
-	0	10	10		S	urface	<b>soil</b>					
	10	80	70		<u>H</u> :	ard cla	y, Fed	gravel str	aka			
	80	85	55		C	ravel L	arge)					
L							······································	 				
			r		3. RECOL	ND OF CA	SING	ाः सिंह के बिल				
	Diameter (inches)	Pounds per foot	Threads per in.	Depth Top	in Feet Bottom		ngth eet)	Type of Sho	e l'ro	erforations ni To		
	12	54	welded	0	85		85	non		0 85		
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								ER				
			Sectio	n 4. RECOI	RD OF MU	DDING A	ND CEM	ENTING				
ļ.,	Depth From	in Fect To	Hole Diameter	Sack of Mi	-	Cubic Fe of Ceme		Metho	of Placeme	ent		
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									<u></u>			
<b></b>		L	d	Sectio		GING REG	1_					
		actor					r			·		
Plu							No.	Depth in Top	Feet Bottom	Cubic Feet of Cement		
	te Well Plug gging appro	-					1 2	-				
	F1-1 O		Statu lina!	nout Vane			3					
•			State rugi	neer Repres	curative		4					

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Date Received

FOR USE OF STATE ENGINEER ONLY March 16, 1985

		Quad FW	L FSL
File No	A-36-A	Use Charge Location No.	25.19.7.234
		cf well	

			Section 6. LOG OF HOLE				
Depth i	Depth in Feet From To		Color and Type of Material Encountered				
Prom	10	in Feet	· · · · · · · · · · · · · · · · · · ·				
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Hallen 71

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and a "mitted to the appropriate district office of the State Engineer. All sections, exert a consistence of shall be answered as completely a securately as possible when any well as

ł	Date Received reprication for 1 erinn to Change Location of We		
	Name of Water Right Owner Burgett Investment, Inc. Street or Post Office Address Star Route, Box 265-A		
	City and State Animas, New Mexico Zip Con	ie 88020	
	÷		
2. 5	Source of water supply shallow water aquifer , located in Animas Va		
2 1		derground ba	isin)
	Well from which rights are to be severed: (a) Well is in theSE_%NE%SE_%, Section7 Township_25_SF	10 U	
	or Tract No of Map No of the		
	(b) is well to be plugged; if not, state for what use retained		······································
4.	Application is made to change location of well for the following reasons (If well is to be a	ised for only	a part of
C	original right describe that part by legal description under item number 6):Surface_ag	uifer has	s not
•	got enough water to be productive. The well only produces a GPM.	pproximat	ely 5
5. 1	Well to which transfer is to be made:		
	(a) Located in the <u>NE % NW % SE</u> %, Section <u>7</u> Township <u>25 S</u> Ran		
I	or Tract No of Map No of the		
	on land owned by Applicant	i	acres
	Within Blechnouses and related pirposes.	irrigatio	on
	ter in existing went, give the two.		
	(d) If a new well, give name of driller Unknown		
	(e) Outside diameter of casing <u>12 3/4</u> inches; Approximate depth to be drilled <u>300</u>	feet.	
6.	Additional statements or explanations		
			<u></u>
			<u>ç.</u>
			<u>.</u>
zm			<u>.</u>
 I, .	Dale Burgett, affirm that the foregoing statements are true to the	best of my l	cn kn <b>o</b> wledge
2 I, _ anc	Dale Burgett, affirm that the foregoing statements are true to the foregoing statements are true to the	best of my l	cn kn <b>o</b> wledge
 I, _ and	Dale Burgett	best of my l	cn kn <b>o</b> wledge
I,	Dale Burgett, affirm that the foregoing statements are true to the foregoing statements are true to the	best of my l aid water righ	cn kn <b>o</b> wledge
I, and	Dale Burgett, affirm that the foregoing statements are true to the disclose, partial, agent (or, etc.)	best of my 1 aid water rigi	cn kn <b>o</b> wledge
I, . anc Βγ	Dale Burgett, affirm that the foregoing statements are true to the disclose, partial, agent (or, etc.)	best of my l	cn kn <b>o</b> wledge
I, . and By	Dale Burgett, affirm that the foregoing statements are true to the disclose, partial, agent (or, etc.)	best of my l ai(l water rig)	cn kn <b>o</b> wledge
Bγ	Dale Burgett	aid water rig)	kıtōwledge
By Af	Dale Burgett	aid water rigt	kıtowledge
By Af	Date Burgett	vided it is no	kıtowledge
	Date Burgett	vided it is no egulations of ubject to the contra ovided	t exercised the State that
By Af	Date Burgett	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to En til	Dale Burgett	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to En til	ACTION OF STATE ENGINEER ter notice pursuant to statute and by authority vested in me, this application is approved pro- the impainment of any other's having existing rights; better provided that all rules and further gener pertaining to the drilling of the impainment of any other's having existing rights; better provided that all rules and further with be complied with, and further with be complied with, and further the conservation of water within the state; further price in rules and regulations of the State Engineer pertain rilling of shallow wells be complied with; and further the attached conditions:	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to En til	Dale Burgett	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to En til	ACTION OF STATE ENGINEER ter notice pursuant to statute and by authority vested in me, this application is approved pro- the impainment of any other's having existing rights; better provided that all rules and further gener pertaining to the drilling of the impainment of any other's having existing rights; better provided that all rules and further with be complied with, and further with be complied with, and further the conservation of water within the state; further price in rules and regulations of the State Engineer pertain rilling of shallow wells be complied with; and further the attached conditions:	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to En til	ACTION OF STATE ENGINEER ter notice pursuant to statute and by authority vested in me, this application is approved pro- the impainment of any other's having existing rights; better provided that all rules and further gener pertaining to the drilling of the impainment of any other's having existing rights; better provided that all rules and further with be complied with, and further with be complied with, and further the conservation of water within the state; further price in rules and regulations of the State Engineer pertain rilling of shallow wells be complied with; and further the attached conditions:	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to Et a	ACTION OF STATE ENGINEER to not the drilling of shallow wells be complied with; and further provided in the state; further prior in the state in the state; further prior in the state; further prio	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that the the
Af to E L a dit	Dale Burgett, affirm that the foregoing statements are true to the dibutief and that I am the, owner and holder of s	vided it is no egulations of ubject to the contra ovided ining to	t exercised the State that that
Af to Er Et a di ti	ACTION OF STATE ENGINEER to not the definition of the definition of the state: further provided that all rules and further provided that all rules and the state in the state: further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided that all rules and the state is further provided the state is further provided that all rules and the state is further provided the state i	vided it is no egulations of to contra ovided ning to er subje	t exercised the State that that that the that that the that that
Af to En Et a di ti	ACTION OF STATE ENGINEER ter notice pursuant to statute and by authority vested in me, this applicant is approved pro- the impainment of any others having existing rights; britter provided that all rules and regulations of the State Engineer pertain mitteens and is not detrimental to the public welfare or he conservation of water within the state; further pri- conservation of shallow wells be complied with; and further see Attached Conditions of Approval See Attached Conditions of	vided it is no egulations of to contra ovided ning to er subje	t exercised the State tollowing that the the that that that that that t
By Aff to End tio	ACTION OF STATE ENGINEER to not the definition of the definition of the state: further provided that all rules and further provided that all rules and the state in the state: further provided that all rules and the state is further provided that all rules and regulations of the State Engineer pertains of the state is further provided the attached conditions:  See Attached Conditions of Approval  oof of completion of well shall be tiled on or before February 28	vided it is no egulations of ubject to the contra ovided ining to er subje	t exercised the State that that that that that that that

sed December 1971



# STATE ENGINEER OFFICE WELL RECORD

## Section 1. GENERAL INFORMATION

(A)	Street or I		dress	Star Rout	e. Box 2	65-A				No	
Well	was drilled	under Permit l	No	A-36-AB-S	i-4	and is	located i	n the:			
	a	. % <u></u>	_ <u></u> %_NI	2 ¼ of Sec	tion7	Tow	nship <u>2</u>	<u>5.5</u> Ra	nge	<u>9 W</u>	
	b. Tract N	No	of Map No.	·	of th	ne		······································	- <u></u>		
		ision, recorded						·····			
								ysiem			
(B)	Drilling C	ontractor	Uu	kuawa				_ License No			
Addı	ess					····		<u></u>			
Drilli	ng Began _	1948	Com	pleted	1048	Турс	100ls	cable	Siz	e of hole	<u> </u>
Eleva	tion of lan	d surface or				cll is		_ ft. Total dept	h of well	·	<u> </u>
Com	pleted well	is 🔤 sl	iallow 🗖	artesian.		Depth	to water	upon completio	n of wel	l . <u></u>	<u>. 65</u> (I.
<b></b>		· · · · · · · · · · · · · · · · · · ·		ction 2. PRIN	CIPAL WAT	ER-BEAH	RING ST	ката	, 		
	Depth i From	in Feet To	Thicknes in Feet	s 1	Description o	f Water-li	learing F	ormation		Estimated allons per	
					laknown						
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L	,,,,	<u></u>	<b>.</b>	Sectio	n 3. RECOR		SINC				
	liameter	Pounds	Threads		in Feet	·	ngth	Type of Si		Perl	orations
	(inches)	per foot	per in.	Тор	Bottom	(	ccl)		•	From	To
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L		L	<u> </u>	···				• •	c, i		
	Durit	2. Prot		tion 4. RECO				ENTING 25 m			
	From	in Feet To	Hole Diameter	Sac of M		Cubic Fe of Ceme				lacement	
					1				37		
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h			- <b>I</b>	Section	on S. PLUGO	JING RE	CORD				
		ractor					r	1			
Plu	gging Meth	od					No.	Depth Top	Bott	oin	Cubic Feet of Cement
	e Well Plug gging appro						2				
		<b>600</b> 0000000000000000000000000000000000	State E	ngineer Kepre	sentative	······································	3				
-				FOR US	E OF STATE	ENGINI		Y	المراقع مع المراجع الم المراجع المراجع		
Ďa	e Received	March	16, 1987					FWL	•	F	SL

 \_ Use \_\_\_\_ Supplument al Location No. \_\_\_25,19,7,234

	بوجوي مفتالي وبمقنفتان		Section 6, LOG OF HOLE				
Depth	in Feet	Thick tess in Fret	Color and Type of Material Encountered				
From	To						
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Sers-Ada IA-

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NISTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and ""mitted to the appropriate district office or the State Engineer. All sections, excuine exclusion 5, shall be answered as completely to courately as possible when any well is

ECTIVE Application for Permit to Date Received February 19, 1986	File No. A-36-AB-S-8	
Name of Water Right Owner Burget	t Investment, Inc.	
Street or Post Office Address Star E City and State Animas	s, New Mexico Zip Code	88020
		00020
Source of water supply	r, located in Animas Valley	
(artesian or shallow water aqui		
Well from which rights are to be severed:	· · ·	
(a) Well is in the SW ½ NW ½ SE ¼, Sec		<u>W</u> N.M.P.M.,
or Tract No of Map No of the	· · · · · · · · · · · · · · · · · · ·	
(b) Is well to be plugged not drilled; if not, state f	or what use retained	
		·
Application is made to change location of well for the original right describe that part by legal description under land to Amax and I need to re-locate	r item number 6): <u>Have leased a po</u>	ortion of
		·····
Well to which transfer is to be made:	· · · · · · · · · · · · · · · · · · ·	
(a) Located in theNW ½NW ½K.	Section 7 Township _25_S Range _19_1	M.M.P.M.
or Tract No of Map No of the on land owned byBurgett Investment, 1	Inc	
(b) Quantity of water to be personiated 79.5	acre-feet per annum	
<ul> <li>(b) Quantity of water to be appropriated <u>79.5</u></li> <li>(c) fand; if not for irrigation, specify purpose <u>Supp</u></li> </ul>	lemental geothermal uses, green	house irrig
(c) If existing well, give File No.		ed purposes
(d) If a new well, give name of driller		
(a) Outside dismotor of onclose		
Additional statements or explanations	proximate depth to be drilled feet.	
Additional statements or explanations		
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Additional statements or explanations	foregoing statements are true to the best of re-	<u>с</u>
Additional statements or explanations	foregoing statements are true to the best of re-	<u>с</u>
Additional statements or explanations	(oregoing statements are true to the begt of re- owner and holder of said water etc.)	c c c c c c c c c c c c c c c c c c c
Additional statements or explanations	(oregoing statements are true to the begt of re- owner and holder of said water etc.)	ny kupyledye.; right.
Additional statements or explanations	(oregoing statements are true to the begt of re- owner and holder of said water etc.)	ny kupyledge.; right. 2 71 12
Additional statements or explanations	foregoing statements are true to the best of r owner and holder of said water otic.) blicant	ny kupyledge.; right. 2 71 12
Additional statements or explanations	foregoing statements are true to the best of re- owner and holder of said water etc.)	right. 2 2 2 2 2 2 2 2 2 2 2 2 2
Additional statements or explanations	foregoing statements are true to the best of 'n 	ny kuggledge.; right. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Additional statements or explanations	foregoing statements are true to the best of ra- owner and holder of said water etc.) blicant ATE ENGINEER in me, this application is approved provided it is urther provided that all rules and regulation wells be complied with; and further subject to rou all sources combined shall	ny kuggledge.; right. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Additional statements or explanations	foregoing statements are true to the best of m owner and holder of said water etc.) blicant ATE ENGINEER ome, this application is approved provided it is urther provided that all rules and regulation wells be complied with; and further subject to Fom all sources combined shall the wells. rom all sources combined shall approved by and installed in a	not exercised s of the State the following be measured
Additional statements or explanations	foregoing statements are true to the best of ra- owner and holder of said water etc.) ATE ENGINEER in me, this application is approved provided it is urther provided that all rules and regulation wells be complied with; and further subject to rom all sources combined shall the wells. rom all sources combined shall approved by and installed in a re Engineer. ted during the preceding calend neer, District 3 Supervisor, P.	not exercised s of the State the following not exceed be measured manner and ar month 0. Box 844
Additional statements or explanations	foregoing statements are true to the best of m owner and holder of said water etc.) blicant ATE ENGINEER in me, this application is approved provided it is urther provided that all rules and regulation wells be complied with; and further subject to rom all sources combined shall the wells. rom all sources combined shall approved by and installed in a e Engineer. tted during the preceding calend neer, District 3 Supervisor, P. ore the 30th day of the followin	not exercised s of the State the following not exceed be measured manner and ar month 0. Box 844 g month.
Additional statements or explanations	foregoing statements are true to the best of m owner and holder of said water etc.) blicant ATE ENGINEER in me, this application is approved provided it is urther provided that all rules and regulation wells be complied with; and further subject to rom all sources combined shall the wells. rom all sources combined shall approved by and installed in a e Engineer. tted during the preceding calend neer, District 3 Supervisor, P. ore the 30th day of the followin	not exercised s of the State the following not exceed be measured manner and ar month 0. Box B44 g month. 197 36

STATE ENALS	ion for Permit to	Change Location o	f Well
Date Bergived	•	- File No	
-	•		
1. Name of Water Right Owner Street or Post Office Address	Burgett In	vestment, Inc.	17 11 19 45
Street or Post Office Address City and State	Star Route Animas, Ne	e, Box 265A	Zip Code88020
	-	37.76 12	
2. Source of water supply late	llow water aquifer	er) , located in <u>care</u>	Valley Underground W
3. Well from which rights are to I			Ba
(a) Well is in the ½ or Tract No SW_ of I	%, Sec M♪₩No,SE_of the	tion Township	Range N.M.P.M.,
:			
(b) is well to be plugged no	t drilled	or what use retained	· · · · · · · · · · · · · · · · · · ·
4. Application is made to chang			to be used for only a part of
original right describe that par		Have 1	eased a portion of m
land to Amax and I	need to re-locate	my well.	
5. Well to which transfer is to be	m selas		
		Section Township	RangeN.M.P.M.,
(a) Located in the of I	Map No. SE of the	/ 25	S 19 W
(b) Quantity of water to be ac	ett Investment, In	C	d 10 acres
of land: if not for irrinatio	n, specify purpose suppl	feet per	aea. greenhouse irri
er lenet it net for infigutio			
on land owned byBurr (b) Quantity of water to be ab of land; if not for irrigation (c) If existing well, give File N (d) If a new well, give name of	lo,	ementar geotnermar	related purpo
<ul> <li>(c) If existing well, give File N</li> <li>(d) If a new well, give name of</li> <li>(e) Outside diameter of casing</li> </ul>	drillerBurgett In	vestment, Inc.	related purpo
(e) Outside diameter of casing	Burgett In 	vestment Inc.	related purpo
<ul> <li>(c) If existing well, give File N</li> <li>(d) If a new well, give name of</li> <li>(e) Outside diameter of casing</li> <li>6. Additional statements or expl</li> </ul>	Burgett In 	vestment in Inc. voximal: depth to be drilled	related purpo
(e) Outside diameter of casing	Burgett In 	vestment Inc.	related purpo
(e) Outside diameter of casing	Burgett In 	vestment Inc.	related purpo
(e) Outside diameter of casing	Burgett In 	vestment Inc.	related purpo
(e) Outside diameter of casing	Burgett In 	vestment oximal? depth to be drilled	related purpo
<ul> <li>(d) It a new well, give hand of (e) Outside diameter of casing</li> <li>6. Additional statements or explements or explements</li></ul>	anations	Yestment, In Se drilled	related purpo
<ul> <li>(d) If a new well, give hand of (e) Outside diameter of casing</li> <li>6. Additional statements or expl</li> </ul>	anations	vestment oximale depth to be drilled oregoing statements are true owner and hol	-1500 <sup>feet.</sup>
<ul> <li>(d) If a new well, give hand of (e) Outside diameter of casing</li> <li>6. Additional statements or expl</li> <li></li></ul>	anations affirm that the final sector, agent for,	vestment foximal? depth to be drilled oregoing statements are true etc.)	to the best of my knowledge
<ul> <li>(d) If a new well, give hand of (e) Outside diameter of casing</li> <li>6. Additional statements or expl</li> <li></li></ul>	anations affirm that the formation (sole, partial, agent for,	vestment foximal? depth to be drilled oregoing statements are true etc.)	to the best of my knowledge
(d) If a new weit, give hand of (e) Outside diameter of casing 6. Additional statements or expl 	anations affirm that the formation (sole, partial, agent for,	vestment foximal? depth to be drilled oregoing statements are true etc.)	to the best of my knowledge
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(d) It a new weit, give hand of (e) Outside diameter of casing 6. Additional statements or explements or explements or explement of the statement of	anations affirm that the free control of sole, partial, agent for, for the control of states and the control of sta	vestment Toximal? depth to be drilled oregoing statements are true etc.) licant	to the best of my knowledge der of said water right.
(d) If a new weit, give hand of (e) Outside diameter of casing 6. Additional statements or expl 	anations affirm that the free control of the	Vestment Toximal? depth to be drilled oregoing statements are true etc.) licant ATE ENGINEER me, this application is approv	to the best of my knowledge der of said water right.
(d) It a new wen, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free control of the second secon	Vestment The drilled foximate depth to be drilled oregoing statements are true etc.) licant ATE ENGINEER me, this application is approvather provided that all rule	to the best of my knowledge der of said water right.
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(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximate depth to be drilled oregoing statements are true etc.) licant ATE ENGINEER me, this application is approvather provided that all rule	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximal? depth to be drilled oregoing statements are true owner and hole etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximal? depth to be drilled oregoing statements are true owner and hole etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximal? depth to be drilled oregoing statements are true owner and hole etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximal? depth to be drilled oregoing statements are true owner and hole etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free sector of the sector	Vestment The drilled foximal? depth to be drilled oregoing statements are true owner and hole etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f	to the best of my knowledge der of said water right.
(d) It a new weit, give hande of (e) Outside diameter of casing 6. Additional statements or expl	anations affirm that the free second secon	Vestment In The drilled oregoing statements are true over and hole etc.) hicant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f Ltions-of-Approve	to the best of my knowledge der of said water right.
(d) if a new weir, give name of     (e) Outside diameter of casing     (e) Outside diameter of casing     (f) Additional statements or expl     (f) Dale Burgett     (f) Dale Dale Dale Dale Dale Dale Dale Dale	Burgett In Burgett In anations an	Vestment In The drilled oregoing statements are true oregoing statements are true etc.) licant ATE ENGINEER me, this application is approvided that all rule wells be complied with; and f Ltions—of-Apprv # October 31	to the best of my knowledge der of said water right.
(d) it a new weit, give hand of (e) Outside diameter of casing 6. Additional statements or expl 	Burgett In Burgett In anations an	Vestment In The drilled oregoing statements are true oregoing statements are true etc.) licant ATE ENGINEER me, this application is approv- ather provided that all rule wells be complied with; and f Ltions-of-Appro se October 31	to the best of my knowledge der of said water right.

5757	BEAD INSTRUCTIONS ON BA			IG FORM 137983. U285.	00
			ALTA SI		00
	propriate the Underground Wa uary 19, 1986 Fi Burgett Investme			MENOS	
. Name of applicant	Char Bouto Boy	ent, Inc.			
Mailing address	Animas, New Mex:	the second s			
2. Source of water supply	shallow water aquife	er, located in	Animas Val	ley	
	(arreaian or shallow water aquife ted in theSW_KSW_K]	r)	(name of u	nderground basin)	
3. The well is to be local	ted in the <u>SW 14 SW 14</u>	NE 14, Section 7	Townshi	P25_S	
Nange <u>19 w</u> N. on land owned byN	M.P.M., or Trace Noof Map	Noof the		District,	
•	ame of driller		<u> </u>	•	
	asing inches; Aj	pproximate depth to	be drilled	íeet;	
	e appropriated and beneficially use	~ 620 256		acre feet,	oer anr
		(consum	ptive use, dive	rșion)	
for <u>Geothermal</u>	uses, Irrigation within	n greenhouses	and relate	d purposes.	
6. Acreage to be irrigated	d or place of use			acres.	
Subdivision	Section Township Re	-		Owner	
For supplement	al appropriation of sh	allow ground v	water not t	o exceed 530.25	6
acre-feet per	annum from all combine	d sources measures	sured at th	e wells for geor	nermal
uses and irrig	ation within greenhous	es and related	l purposes	Located in the	SWANISA
	Section 7, Township 25	South, Kange	19 West, r	(.n	
<u> </u>			موسوعتها بارد وسأساب سيعام متوافد ا		
7. Additional statements	or explanations Water fro	m this well w	ill be com	ingled with wate	r
from fifteen	(15) wells for the supp	lemental appro	ill be comp opriation of	ingled with wate of 530.256 acre-	r
from fifteen	or explanations Water fro (15) wells for the supp per annum and describe	lemental appro	ill be comm opriation of	ingled with wate of 530.256 acre-	r
from fifteen ( feet of water WELL NO.	(15) wells for the supp per annum and describe SUNDIVISION	lemental appro	TOWNSHIP	RANGE	r
From fifteen feet of/water WELL NO. A-36-A	(15) wells for the supp per annum and describe SUNDIVISION SE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub> NE <sup>1</sup> <sub>4</sub>	lemental appro d as follows:	TOWNSHIP 25 S	kANCE 19 W	r
From flfteen flet of/water WELL NO. A-36-A A-36-B	(15) wells for the supp per annum and describe SUNDIVISION SE'zSW'zNE'z SE'zSW'zNE'z	lemental appro d as follows:	TOWNSHIP 25 S 25 S	6F 530.256 acre- RANGE 19 W 19 W	r
From flfteen feet of/water WELL NO. A-36-A A-36-B A-36-B A-36-AB-S	(15) wells for the supp per annum and describe SUNDIVISION SE4SW4NE4 SE4SW4NE4 SE4SW4NE4 SW4SW4NE4	lemental appro d as follows:	TOWNSHIP 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W	r
From flfteen feet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S A-36-AB-S-2	(15) wells for the supp per annum and describe SUNDIVISION SE4SW4NE4 SE4SW4NE4 SE4SW4NE4 SW4SW4NE4 SE4NE4SE4	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W 19 W 19 W	r
from fifteen ( fet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S A-36-AB-S-2 A-36-AB-S-3	(15) wells for the supp per annum and describe SUNDIVISION SELSWLNEL SELSWLNEL SULSVLNEL SELSVLNEL SELSEL SELSEL SWLSWLNEL SWLSWLNEL	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W 19 W 19 W 19 W 19 W	r
from flfteen fet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-4	(15) wells for the supp per annum and describe SUBDIVISION SELSWLNEL SELSWLNEL SULSWLNEL SELSELSEL SWLSWLNEL SWLSWLNEL SELSWLSWLNEL SELSWLSWLS	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	r
from flfteen ffet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-4 A-36-AB-S-5	(15) wells for the supp per annum and describe SUNDIVISION SELSWANEL SELSWANEL SELSWANEL SELNELSEL SWASWANEL SELNELSWANEL SELSWANEL SWASWANEL	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	r
from flfteen fet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-4	(15) wells for the supp per annum and describe SUBDIVISION SELSWLNEL SELSWLNEL SULSWLNEL SELSELSEL SWLSWLNEL SWLSWLNEL SELSWLSWLNEL SELSWLSWLS	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANGE 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W 19 W	r
from flfteen ffet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-3 A-36-AB-S-4 A-36-AB-S-5 A-36-AB-S-6	(15) wells for the supp per annum and describe SUNDIVISION SELSWLNEL SELSWLNEL SELSWLNEL SELSWLNEL SELSWLNEL SELSWLNEL SWLSWLNEL SWLSWLNEL NWLSWLNEL	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANCE 19 W 19 W	r
Erom flfteen feet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-3 A-36-AB-S-4 A-36-AB-S-5 A-36-AB-S-6 A-36-AB-S-7	(15) wells for the supp per annum and describe SUNDIVISION SELSWANEL SELSWANEL SELSWANEL SELNELSEL SWASWANEL SELSWANEL SELSWANEL NWASWANEL NWASWASEL	lemental approvemental approveme approvemental approvemental approvement	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANCE 19 W 19 W	r
Erom flfteen fet of/water WELL NO. A-36-A A-36-B A-36-AB-S A-36-AB-S-2 A-36-AB-S-3 A-36-AB-S-3 A-36-AB-S-4 A-36-AB-S-5 A-36-AB-S-5 A-36-AB-S-7 A-36-AB-S-8	(15) wells for the supp per annum and describe SUNDIVISION SELSWLANEL SELSWLANEL SELSELSEL SELSELSEL SELSELSEL SELSELSEL NELSWLANELSEL NELAWLSEL SELSEL SELSEL SELSEL	lemental approvemental approve	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	KANCE 19 W 19 W	<b>r</b>
from flfteen           fdet of/water           WELL NO.           A-36-A           A-36-B           A-36-AB-S           A-36-AB-S-2           A-36-AB-S-3           A-36-AB-S-3           A-36-AB-S-4           A-36-AB-S-5           A-36-AB-S-6           A-36-AB-S-7           A-36-AB-S-7           A-36-AB-S-6           A-36-AB-S-7           A-36-AB-S-6           A-36-AB-S-10           A-64	(15) wells for the supp per annum and describe SUNDIVISION SELSWLNEL SELSWLNEL SELSELSEL SELSELSEL SELSELSEL SELSELSEL NELSEL SELSELSEL SELSELSEL NELSELSEL	lemental approvemental approve	TOWNSHIP 25 S 25 S 25 S 25 S 25 S 25 S 25 S 25 S	kANGE         19 </td <td>r</td>	r
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Number of this pemit A-36-AB-S-12

### ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised
to the detriment of any others having existing rights; further provided that all rules and regulations of the State Logi-
acer pertaining to the drilling of wells be complied with; and further subject to the following
conditions: and is not detrimental to the public welfare or contrary
to the conservation of water within the state; further provided
that all rules and regulations of the State Engineer pertaining
to the drilling of shallow wells be complied with; and further
subject to the following conditions:
1. The total amount of water diverted from all sources combined
shall not exceed 530.256 acre-feet per annum measured at the
wells under this permit.
2. The total amount of water diverted from all sources combined
shall be measured by totalizing meters of a type approved
by and installed in a manner and at locations acceptable
to the State Engineer.
3. Records of the amount of water diverted during the preceding
calendar month shall be submitted to the State Engineer,
District 3 Supervisor, P.O. Box 844, Deming, New Mexico
88031, on or before the 30th day of the following month.
OOOSI, ON OF PETOTE THE SOLUTION TO THE TOTION THE MONTH.
Proof of completion of well shall be filed on or before February 28, 19_88
Proof of application of water to beneficial use shall be filed on or before, 19, 19,
Witness my hand and seal this day of February, A.D., 19 <u>87</u>
Witness my hand and seal this day of February, A.D., 19_87
S. E. Reynolds, State, Engineer
Front I sour
By:
Ffank Craig (/

Water Rights Division

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5-Irrigation use shall be stated in acre teet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed i nots describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and the survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

/	<b>en</b> tris , alto, thuithea	CHANG	E OF OWNERS	SHIP OF WA	TER RIGHT		
١.	NAME OF WATER RIGHT	T OWNER OF REC	CORD Norma	<u>ın S. Wri</u>	ght and Th	<u>ne Federal</u>	Land Bank
	Meiling Address	<u> </u>	x 2940 , Kansas	67201		Stratt	Wich
$\rightarrow$ /	City and State the owner and holder of a s	water right set fors	h in lite number	Χ-51, Λ	-53, <u>A-54</u>		
N/	of record in the office of th	he State Engineer h	hes conveyed	111 (all or part)	of said right to:		
1.4/			New, Mexico		tion		
$\left  \chi \right $	Mailing Address <u>C/O</u> City and State <u>Ani</u>	mas NM	88020 - m	103-1	· · · ·		
2.	IRRIGATION: The conv version as		s appurtenant to lan ater measured at the			y lands with actual i	water right and di-
<b>,</b>	SUBDIVISION (District or Hydrogra	SECTION aphic Survey)	TOWNSHIP (Map No.)	RANGE (Tract No.)	ACREAGE	DIVERSION (Acre Feet Per Annum)	PRIORITY
	NW4, Part	14	255	2 O W	154.296		
	$\frac{1}{1} \frac{W_{1}}{N_{1}} \frac{S_{1}}{S_{1}} $	14	255	<u>20</u> W)	295.500		
	Part NSNS	23	255	20W)			
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				TOTAL	449.796		
3.	OTHER; Purpose diversion]; Priority DESIGNATE WELLS TO	O ACCOMPANY	THE CONVEYED I	•		(sci	e feet per ennum of
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	diversion]; Priority DESIGNATE WELLS TO water right); WELL FILE NO I HEREBY CONSENT T RIGHT: (To be executed which it is appursenent.)	D. (District TO A LAWFUL CH d if weter right de first duly sworn up	SUBDIVISION 1 or Hydrographic S HANGE IN THE PL Iscribed above is a ri	ACE AND/OR P ight for irrigation	Amount	OF THE ABOVED	• pert of • ground RANGE (Tract No.) ESCRIBED WATER For from the lend to ECCIAL MASE
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4. Sui M Ice	diversion); Priority DESIGNATE WELLS To water right); WELL FILE NO I HEREBY CONSENT T RIGHT: (To be executed which it is appurtament.) The undersigned, being f to the best of his knowle bucribed and swarr, to before y commission expires;	D. (District TO A LAWFUL CH d if water right de first duly sworn up rigge and belief.	SUBDIVISION I or Hydrographic Si HANGE IN THE PL Iscribed above is a ri bon oath, deposes a l 700 INST nd executed either b i be accompanied by FOR STATE Er	ACE AND/OR P ight for irrigation Thom Ind says that he h X Tho Tho Care of the irrigation ACE AND/OR P Ight for irrigation Thom Thom Thom Ind says that he h	Amount	(sci snce involves only DWNSHIP Mop No.) OF THE ABOVE D aren conveyed seper Sucle erson, Spe ma statements and t <u>E. Spele</u> derson, Sp <u>T. Z. Land</u>	• part of • ground RANGE (Tract No.) ESCRIBED WATER rate from the land to ectal Maste hat the same are true Dectal Mast A. D., 19 J Notary Public companied by • filing veyance.
4. Sui M Ice	diversion); Priority DESIGNATE WELLS TO water right); WELL FILE NO I HEREBY CONSENT T RIGHT: (To be executed which it is appurtanent.) The undersigned, being f to the best of his knowle beersbed and sworn to before y commission expires; ange of ownership shall be f of \$1.00. If executed by the lwarranty deed, o	D. (District IDistrict TO A LAWFUL Ch d il water right de first duly sworn up rdge and belief. me thisf filed in triplicate at a new owner it shal f other) d on thef	SUBDIVISION t or Hydrographic St HANGE IN THE PL Iscribed above is a ri bon oath, deposes a Don oath, depose a Don oath	ACE AND/OR P ACE AND/OR P ACE AND/OR P ACE AND/OR P ACE AND/OR P Thom Thom accession of the set accession of the set accession of the set ACE AND/OR P ACE AND/	Amount	(sci snce involves only DWNSHIP Mep No.) OF THE ABOVE D Seen conveyed seper Sector Spe Actor Spe Melenne derson, Spe Melenne derson, Spe	• part of • ground RANGE (Tract No.) ESCRIBED WATER rate from the land to ectal Maste hat the same are true Dectal Mast A. D., 19 J Notary Public companied by • filing veyance.

Freesh instan

WUI #24, 26 V

## STATE ENGINEER OFFICE WELL RECORD

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. . . . .

\_\_\_\_ FWL \_\_\_\_\_ FSL \_\_\_\_

......

(A)	Street or	Post Office Ad	ale Bun	ection 1. GENERAL INFORMATION 1. H. Munserius 265 3 Stan Courte 2 71. Mary 88020	— Owner's Wel	ll No/
Well	was drilled	under Permit 1	No. 7 A-36-A	B-S-S'2 and is located in the:		
?	a	_ ¼ <u>S</u> ₩ ¼	<u>SW ¼NE</u>	% of Section Township25S	Range _19	<u>) W</u> N.M.P.M.
	b. Tract l	No	of Map No	of the		
:	c. Lot No Subdiv	o ( vision, recorded	of Block No	of the County.		
	d. X=		fcet, Y=	feet, N.M. Coordinate System	<b></b>	Zone in
(B)	Drilling C	ontractor	Oasis	Drilling Lice	nse No. <u>[].</u>	». Es 6
Add	ess	Pr Bel	436	Animae, M. my	88020	
				d 10 0 0 - F-3 82 ype tools		
Elev	ation of lar	nd surface or	2. J. P.a.	Line citaly at well is Ho 50 ft. 7	'otal depth of we	11 <b>760</b> _ft.
			allow 🔲 artes			ell ft.
			Section	2. PRINCIPAL WATER-BEARING STRATA		
	Depth From	in Feet To	Thickness in Feet	Description of Water-Bearing Format	ion (	Estimated Yield (gallons per minute)
	120	150	30	proud		<u></u>

120	150	30	provel			
210	215	5	Travel	·	1.0	
213	260	15	nonglomorate		10	
-			.,			

## Section 3. RECORD OF CASING

Diameter	Pounds	Threads	Depth	in Feet	Length	Type of Shoe	Perfor	ations
(inches)	per foot	per in.	Тор	Bottom	(feet)	Type of Silve	From	То
:4	./25		0	6	6	Sugar class		
1."	:188 am	1 Woland	0	260	210	VIA	1	1.44
8 "	188		0	260	210		220	260

·	•	Section	n 4. RECORD OF M	UDDING AND CI	MENTING
Depth	in Feet	Hole	Sacks	Cubic Feet	Method of Placement
From	То	Diameter	of Mud	of Cement	Method of Placement
	<u>.</u>		-		· · · · ·

	0	260	12	20	2	Paurel		
	0	260	12	44 le grace	l maked	<i>L</i>		- 7
					/		2.8	
~	· · · · · · · · · · · · · · · · · · ·	•	• · · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		

## Section 5, PLUGGING RECORD

Address			Depth	in Feet	Cubic Feet
Plugging Method		No.	Тор	Bottom	of Cement
Date Well Plugged		1			•
Plugging approved by:		2			
		3			
	State Engineer Representative	4			

	FOR OSE OF STATE ENGINEER ONLY
April 7, 1983	
_	Quad

Use

	14
File No	A-36-AB-S-\$

Date Received

(A)

(B)

Durath i	- C		Section 6. LOG OF HOLE
Depth i From	To	Thick in Feet	Color and Type of Material Encountered
0	10	10	clay
10_	40	30	Sand with layers or clay
40	46	6	grand
46	49	5	Sand
49	56	7	gravel
56	60	4	sand
60	70	10	Sund & gravel
70	108	38	grand
108	120	12	Conglomorate
120	150	30	gravel
150	180	30	Sand
180	210	30	Kock
210	R15	5	gruel
215	\$60	45	Conglomorate
	· · · · · · · · · · · · · · · · · · ·		
			· · · · · · · · · · · · · · · · · · ·
	<u> </u>		
······			
	· · · · ·		
	<u> </u>	 	
		<u> </u>	· · ·
	L	l	7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Dian Jannen

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, ex — Section 5, shall be answered as completely — I accurately as possible when a gradient district office district office. All sections, ex — Section 5, shall be answered as completely — I accurately as possible when a gradient district office district office.

	-			-		
1					Revised August 1967	
/	ac al tra b 2h				96680 D - \$5.00	
101 A	UG 3 IMPORTANT REAL	INSTRUCTIONS ON B	ACK BEFORE F	ILLING OUT THIS	FORM	
STATI	SUPPLEMENTAL CAP	PLICATION	FOR P	PERMIT		
r	DISTRICT HI VENNON MEREZ					
L	EMAN H. To Approprie		aters of the Sta	te of New Mexico	60)	
	e ReceivedRugust 3	I, 1981 Investment, Inc.	ile No. A 36-	AB-S-8	(OP)	
		oute, Box 265A	, mermar ro	Wel ABSOCIALES	and harriet or	
	City and State Animas	New Mexico 8802	0	The Weller Well	anone d Ustan	Daada
2.		.low water aquifer an or shallow water aquif			erground Water	08610
3.	The well is to be located in t	he	SE %. Section	7 Township		
•	Range <u>19 West</u> N.M.P.M. on land owned by <u> </u>	or Tract No. of Mar	Noof the		District,	
4.	Description of well: name of	duller Burget	E	· · ·	••••••••••••••••••••••••••••••••••	
	Description of well: name of Outside Diameter of casing <u>P</u>			to be drilled 15	00(eet;	
5.	Quantity of water to be approp	priated and beneficially us			acre feetpe	r annu
	for supplemental geot	hermal and irriga	tion within	greenhouses &	related purposes.	
6.	Acreage to be irrigated or pla	ce of use			acres,	
	Subdivision	-	ange Acres		ner	
	For supplemental in feet per annum from		-			
	uses and irrigation	within greenhous	es and relat	ed purposes lo	cated in the	
	SWENEZ and NWESEA C	of Section 7, Town	iship 25 Sout	h, Range 19 We	st, N.M.P.M.	
				· · · · · · · · · · · · · · · · · · ·		
7.	Additional statements of expl water from wells hi	Water from Imbered as follows	A-36-AB-S-8	will be commin	ngled with	
LL NO.		SUBDIVISION	SECTION	TOWNSHIP	KANGE	
36-A	located in the	SEASWANEA		25 5	19 W.	
36- <b>A</b> 36-AB-S	located in the	SE4SW4NE4	7	25 S	19 W	
36-AB-S-2	located in the	SEXNEXSEX		25 S	19 W	
36-AB-S-3	located in the	SWZSWZNEZ	7	25 S	19 W	
36-AB-S-4 36-AB-S-5	located in the to be located in	SEXSWANEZ	7	25 S 25 S	19 W 19 W	
36-AB-S-6	to be located in	the NWANWASEA	<del>;</del>	25 5	19 W	
36-AB-S-7	to be located in		7	25 S	19 W	
·36-AB-S-9	to be located in	the SEXSEXNW2	/	<u>25 S</u>	<u>19 W</u>	
	·					
					<u> </u>	
	······					
					·····	
				- Cod	· ``	
= Dumo 15	T	Power Asso	clates and	liazelor, Graen	• .	
	Investment, Inc.; I	, =10101 (nat )			best of my knowledge;	
80	d belief and that development	snall not commence until	approvat of the p	entit Las deen obtain	<b>cu</b> , ();	- '-
			×	(13)	Permi	ttee
R+1	rgett Investment, Ir	NC .		1 Power Associ	ates Permi	ttee
		, Permi			, route	
VВ	Half Snin	& fra	ABy: L	Am cha	ald from	
		22	V		- A,	-
S	ibscribed and sworn to before My nom		day of	TIT I	( A.D., 19	
м	y commission expires	mission Expires July 12, 19	<u>112 - 2</u>	When VX		
				Notary Publ	ie 🌾	
					/	
					/	

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised
to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engi-
wells be complied with; and further subject to the following
dition he total amount of water diverted from all sources combined
shall not exceed 79.5 acre-feet per annum measured at the
wells under this permit.
2. The total amount of water diverted from all sources combined
shall be measured by totalizing meters of a type approved by
and installed in a manner and at locations acceptable to the
State Engineer.
3. Records of the amount of water diverted during the preceding
calendar month shall be submitted to the State Engineer
District III Supervisor, P. O. Box 844, Deming, New Mexico
88031-0844 on or before the 30th day of the following month.
April 30 82
Proof of completion of well shall be filed on or before, 19, 19,
Proof of application of water to beneficial use shall be filed on as before 10
Proof of application of water to beneficial use shall be filed on or before January , 19 15th January
Witness my hand and seal this day of day of, A.D., 19
S. E. Reynolds, Stato Engineer
Se bi negliotes para ligneet
A Thank

١

By: J. B. Hixon, Engineer Water Rights Bureau

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5----irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. G---Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

				Revis	ed August 1967
101 100	31 21 4 36				30 D - \$5.00
, 01 MUC	IMPORTANT-READ INST	BUCTIONS ON BACK B	EFORE FILLING		•
ST4SUPF	APPLI	CATION F	OR PERI	MIT	
DE	MING, N. MEX. To Appropriate the	Underground Waters	of the State of N	lew Mexico	$\frown$
	e Received August 31,		A-36-AB-	·S-7	QL
	Name of applicant <u>Burgett Inv</u> Mailing address <u>Star Route</u> , City and State <u>Animas</u> , <u>Her</u>	Box 265A	ermal Power A	ssociates 34	
	Source of water supply shallow	water aquifer , loc			
3.		shallow water aquifer) L 1/2 NW 1/2 SE 1/2		(name of undergroup Township 25	
	The well is to be located in the <u>NE</u> Range <u>19 West N.M.P.M.</u> , or Tr on land owned by <u>Harriet Gr</u>	act Noof Map No	of the		District,
	Description of well: name of driller				·
		0 inches; Approxi			feet;
	Quantity of water to be appropriated	•	(consumptiv	<u>79.5</u> 	acie feet, per annum
	for supplemental geothern		ion within gr	reenhouses & T	elated
6.	Acreage to be irrigated or place of t	16¢			scres.
		on Township Range	Acres	Owner	
	For supplemental approp acce-feet per annum fro				
	geothermal uses and ir	rigation within gr	eenhouses and	d related purp	oses
	located in the SWENEY	<u>6 NW4SEr of Section</u>	n 7. Townshi	p 25 South, Ka	inge 19 West.
			·		
			·		
7.	Additional statements or explanation with water from wells not	uns Water from Well umbered as follows	No. A-36-AB	-S-7 will be o	commingled
WELL NO.		SUBDIVISION	SECTION	TOWNSHIP	RANCE
A-36-A A-36-B	located in the	SEZSWZNEŻ	?	25 S	<u>19 W</u>
A-36-AB-S	located in the located in the	SEXSWANEZ SW4SW4NEZ	<u>/</u>	<u>25 S</u> 25 S	<u>19 W</u> 19 W
A-36-AB-S-2	located in the	SEXNEXSEX	7	25 S	19 W 3
A-36-AB-S-3	located in the	SWASWANEZ	7	<u>25 S</u>	19_W
A-36-AB-S-4	located in the	SELSWANEL	<u> </u>	<u>25 S</u>	<u>19 W</u>
A-36-AB-5-5		SW4SW4NE4	7	<u>25 S</u>	<u>19 W</u>
A-36-AB-S-6	to be located in the	NIFANIASE'	7	<u>25_S</u>	<u>    19                                </u>
A-36-AB-S-8 A-36-AB-S-9	to be located in the to be located in the	SW4NW4SE4 SE4SE4NW4		<u>25 S</u> 25 S	<u>19 W 10</u>
	·····				
					· · · · · · · · · · · · · · · · · · ·
				QQ	
We ж	, Burgett Investment, In	c.; Thermal Power	Associates &	Haperton Cram	I f my knowledge
	d belief and that development shall				
		مو	$(\mathfrak{D}\mathfrak{L})$		, Permittee
			Harris Coo	-	_
	Eurgett Investment, Inc.	, Permittee,	Thermal Powe	r Associates	Permittee
⊮B,	all Surger	The A.	By: PCM	n chong	d, Proc
s	bscribed and swom to before me thi	· 23. rd	ay of ano	~~~ A.U./	12 8 1
	My Commission Ex	pires July 12, 1932	0	W.J.	
Mj	commission expires	,	<u>~ 280</u>	Notary Hublic	

 The total amount of water diverted from all sources combined shall be measured by totalizing meters of a type approved by and installed in a manner and at locations acceptable to the State Engineer.

 Records of the amount of water diverted during the preceding calendar month shall be submitted to the State Engineer District III Supervisor, P. O. Box 844, Doming, New Mexico 88031-0844 on or before the 30th day of the following month.

	· · · · · · · · · · · · · · · · · · ·	
Proof of completion of well shall be filed on or before	April 30	82
Proof of completion of well shall be filed on or before	<	
Proof of application of water to beneficial use shall		
15th	January	82
15th Witness my hand and seal this	day of1	, A.D., 19

S. E. Reynolds, State Engineer By: J. B. Nixon, Engineer

Water Rights Bureau

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5-Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and the survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

	(Well "8)
	Revised August 1967
801 68	15 31 PH 4 32 096680 D - \$5.
.01 10	IMPORTANT-BEAD INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM
<u>su</u>	ENGINEER OF THE APPLICATION FOR PERMIT
E E	EMINE, N. MEX. To Appropriate the Underground Waters of the State of New Mexico
	e ReceivedAugust 31, 1981File No. A-36-AB-S-6 5
j M	Name of applicant <u>Burgett Investment</u> , Inc.; Thermal Power Associates & Harriet Gree Mailing address <u>Star Route</u> , Box 265A
	City and State <u>Animas. New Mexico 88020</u>
2. 3	Source of water supply <u>shallow water aquifer</u> , located in <u>ANIMAS VALLEY UNDERGROUND WATER</u> (artesian or shallow water aquifer) (name of underground basin)
3. T	The well is to be located in the NW 1/ NW 1/ SE 1/4, Section 7 Township 25 South
	Range 19 West N.M.P.M., or Tract Noof Map Noof theDistrict, District, District,
	Description of well: name of driller Burgett
	Dutside Diameter of casing $\frac{\nu}{10}$ inches; Approximate depth to be drilled $\frac{\nu}{1500}$ feet;
<b>5.</b> Ç	Quantity of water to be appropriated and beneficially used79.5acre (eet, pe
	(consumptive-use, diversion)
	for supplemental geothermal uses & irrigation within greenhouses & related poses.
6. A	Acreage to be irrigated or place of useacres,
	Subdivision Section Township Range Acres Owner
	For supplemental appropriation of shallow groundwater not to exceed 79.5
-	
-	acre-fect per annum from all combined sources measured at the wells for.
	geothermal uses and irrigation within greenhouses and related purposes
-	
-	located in the SWATER & NWASER of Section 7, Township 25 South, Range 19 West
-	
-	
-	
•	
-	
-	
7 (	Additional statements or explanations Water from Well No. A-36-AB-S-6 will be commingled
	iduitional statements of explanations
-	with water from wells numbered as follows:
o. <sup>-</sup>	SUBDIVISION SECTION TOWNSHIP RANGE
~• ·	
-	located in the SE4SWANE 7 25 S 19 W
-	located in the SEASWANEZ 7 25 S 19 W
B-S	located in the SW25W2NE <sup>1</sup> 2 7 25 S 19 W
B-S-2	located in the SEANERSEL 7 25 S 19 W
-s-3	
-	
3-S-4 ∫	<u>located in the SELSWINEL 7 25 S 19 W</u>
3-8-5	to be located in the $SW_2SW_3NE^2$ 7 25 S 19 W
	to be located in the NEW SEC 7 25 S 19 W
3-S-8	to be located in the SWANWASEA 7 25 S 19 W
-	
, לייני-י	to be located in the SEXENNES 7 25 S 19 W
	· · · · · · · · · · · · · · · · · · ·
	17.1
We	Burgett Investment, Inc.; Thermal Power Associates &
т, т,	Burgett investment, inter, internal tower absolution of anititie best of my knowledge
and	belief and that development shall not commence until approval of the permit has been obtained.
	-
	r Or
	Harriet Oreen-
	Hard & ACL. TICOTA
Bu	rgett Investment, Inc. Remine Thermal Power Associates
	Ingert Investment, Inc., Permittee, Ingraal rower Asbociates, F
By.	OPP - P O OPP OF O
	Halsburget Bred By: DAM Donald, Pres
, nj.	OPP - P O OPP OF O
, 51	Salsburger Pref. my: Delm. Donald, free
Sub	Del Burget Pref. By: DelM. Donald, free secribed and aworn to before me this 2 41 day of report free Da. U.S.
Sub	Del Burget Pref. By: DelM. Donald, free secribed and aworn to before me this 2 41 day of report free Da. U.S.
	Del Burget Prof. Dy: DelM. Demald, Pres percribed and aworn to before me this 2211 day of Cepyer A.D. D. D
	Del Burget Pref. By: DelM. Demald, free pacribed and aworn to before me this day of day of A.D. W My. Commission Expires July 12, 1982 day of A.D. W
	Del Burget Prof. Dy: DelM. Demald, Pres percribed and aworn to before me this 2211 day of Cepyer A.D. D. D
	Del Burget Pref. By: DelM. Demald, free pacribed and aworn to before me this day of day of A.D. W My. Commission Expires July 12, 1982 day of A.D. W

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the dettiment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of ..... \_\_\_wells be complied with; and further subject to the following conditions:

1. The total amount of water diverted from all sources	combined
shall not exceed 79.5 acre-feet per annum measured a	
wells under this permit.	ويركنني ويكتنان ومسكار منتخصه الرد
2. The total amount of water diverted from all sources	combined
shall be measured by totalizing meters of a type app	proved by
and installed in a manner and at locations acceptabl	e to the
State Engineer.	
3. Records of the amount of water diverted during the p	
calendar month shall be submitted to the State Engin	
District III Supervisor, P. O. Box 844, Deming, New	
80031-0844 on or before the 30th day of the following	ng month.
	0.2
roof of completion of well shall be filed on or before April 30	32
construction of went shart be mee on of selore	, 19
roof of application of water to beneficial use shall be filed on or before	
	, 19

S. E. Reynolds, State Engineer 64 Y/. By: J. B. Nixon, Engineer Water Rights Bureau

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5-Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

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Sec. 7-If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

			Well	#5)		
				· · · · · · · · · · · · · · · · · · ·	Revised August 196	57
•						
*31	NUS 31 PN 4 35	TRUCTIONS ON BACK			096680 D 0 \$5	.00
	IMPORTANT-READ IN	STRUCTIONS ON BACK	BEFURE FIL	LING OUT THE	SFURM	
STAT	SUPPLEMENTAL APPL			DAIT		
	01010000000	ICATION .	FUR PI			
	DEMING, M. MEX. To Appropriate (	he Underground Water	a of the State	of New Menie		
	1				EL.	
Dat	e Received <u>August 31.</u> Name of applicant <u>Burgett T</u>	1981 File	No. A+JO-A	or Apportato		
	Mailing address <u>Star Rout</u>		Incruit Tow	et Associate	S & RULLES	-
	City and State Animas, N	ew Mexico 88020				•
2.	Source of water supply shallon	water aquifer	located in An1	nas Valley U	nderground Wat	er Basin
, <b>3.</b>	(arcesian o (arcesian o The well is to-be located in the Range <u>19 West</u> N.M.P.M., or	SW K SW K NE	1/4. Section	7 Township	25 South	•
	Range 19 West N.M.P.M., or	Tract Noof Map No.	of the		District	•
	on land owned by <u>Thermal</u> Description of well: name of drill				······	•
4.	Description of well: name of drill Outside Diameter of casing	er Dorgere 8 inches; Appa	mimate depth to:	be drilled	90 (cet	• :
5.	Quantity of water to be appropriat	ed and beneficially used_			79.5 acre feet	, per annum
	for Supplemental Geoth	armal uses f Tred	(consu	nptive use, divers	ion)	
	Acreage to be irrigated or place o		Sation Mith	in greendous	es a purposes	
					ucico	•
	Subdivision Sec	tion Township Rang	e Acres	01	vner	
	For supplemental appro	priation of shall	ow ground w	ater not to	exceed 79.5 ad	re
	feet per annum from al	I combined source	s measured	at the wells	for Geotherm	
	uses and Irrigation wi SW4NE4 & NW4SE4 of Sec					-
			<u> </u>	ange 15 west	•	-
						<b>→</b>
						_ ·
						-
						-
7.	Additional statements or explanat with water from wells	ions <u>Water from We</u> numbered as follo	<u>11 No. A-36</u>	-AB-S-3 w111	be commingled	Ł,
						-
WELL NO. A-36-A	located in the	SUBDIVISION SE4SW4NE4	SLCTION 7	TOWNSHIP 25 S.	RANGE 19 W.	-
А-36-В	located in the	SEXSW'ANE'A	7	25 S.	19 1.	
A-36-AB-S	located in the	SWISSWICHER,	7	25 S.	19 W.	
	located in the	SEKNE'SE'A SEKSWANE'A	7	<u>25 S.</u> 25 S.	<u>19 v.</u> 19 v.	-[ ]
	to be located in the	SW SW NEW	7	25 S.	19 W.	-
	to be located in the	NWENWLSEY	7	25 S.	19 W.	
	to be located in the to be located in the	NE <sup>1</sup> 2NW <sup>1</sup> 2SE <sup>1</sup> 2	7	<u>25 S.</u>	<u>19 W.</u> 19 W.	-: .
	to be located in the	SE'SEZNW'S		<u>25 S.</u> 25 S.	<u>19 V.</u>	
						- · · ·
	This proposed well und the State Engineer Off		on is exist	ing well not	on record wi	th.
	the state engineer on	ice.				-
						-
					×	
				6	}	
	Burgott Investment	Thormal Port	r Associati			=
	, Burgett Investment, 1					<u>k</u> e
<b>2</b> 0	d belief and that development sha	ll not commence until app	oval of the perm	it has been objain	ed.	
			V	Del-		
			TIANT	171 may 1 m mail		
B	urgett Investment, Inc.	, Permittee,	Therma	11 Power Asso	ociates	
	()	$\Omega$	Vily: De	Ain On	UP D.	
VB	" Ath Small	PAR ()		A	man , r rea	-
Su	ibscribed and sworn to before me i	this 2 Set	_day of _ Ce	at	A.D. 19	
	My Commission E	xpires July 12, 1982	/ /	-NTFI		
M	y commission expires	12, 1982		Nutary Pub		—
				\		

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### ACTION OF STATE ENGINEER

<u> </u>	shall not exceed 79.5 acre-feet per annum measured at the
	wells under this permit.
	weite duder cure hermite.
2.	The total amount of water diverted from all sources combined
	shall be measured by totalizing meters of a type approved by
<u>.                                    </u>	and installed in a manner and at locations acceptable to the
	State Engineer.
3.	Records of the amount of water diverted during the preceding
	calendar month shall be submitted to the State Engineer
	District III Supervisor, P. O. Box 844, Deming, New Mexico
<u>مدة المتشاكي</u>	88031-0844 on or before the 30th day of the following month.
	· · · · · · · · · · · · · · · · · · ·
Proof c	of completion of well shall be filed on or before April 30 , 19 82
Proof	of application of water to beneficial use shall be filed on or before, 19, 19,
Witnes	is my hand and seal this15thday ofJanuary, A.D., 1982
S. E.	Reynolds, State Engineer

J. B. Nixon, Engineer Water Rights Bureau

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill our all blanks fully and accurately.

Sec. 5-Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

	_	We	(( #7)	-	
				🚺 R	ised August 1967
	• • • • •			. 09	6680 D - \$5.00
ST AUC	; 31 IMPORTANT SREAD INST	RUCTIONS ON BACK	BEFORE FILLIN	Q OUT THIS FOR	M
	PLEMENTAL APPLI	CATION	FOR PER	MIT	
	NSTRICT III MING. N. MO(Appropriate the	e Underground Water	s of the State of	New Mexico	
					01
1. N	Received August 31, 1 lame of applicant Burgett Inv	vestment, Inc.; 1			
	tailing address <u>Star Route</u> , City and State <u>Aulmas</u> , New				
	ource of water supply shallow		located in ANIMAS	VALLEY UNDER	GROUND WATER BAS
	(arresian or :	shallow water aquifer)		(name of undergrou	ad basia)
3. T F	The well is to be located in the <u>Sange 19 West</u> N.M.P.M., or Tr	act No. of Map No.		Township25	District
0	in land owned by Thermal P	ower Associates	· · · · · · · · · · · · · · · · · · ·		······································
4. C	Description of well: name of driller Dutside Diameter of casing <u></u>	Burgett 10 inches: Appro-	aximate depth to be d	killed 150	0ieet;
	Quantity of water to be appropriated		·····	79.5	acre feet, per a
í	or supplemental geothern	al uses & irrig	( <del>consumpti</del> ation within g	reenhouses &	related
	Acreage to be irrigated or place of a				ACTES.
	Subdivision Secti	on Township Rang	e Acres	Owner	×.
-	For supplemental approp acre-feet per annum fro	om all combined	low groundwate Bources measur	r not to exce ed at the wel	ed 79.5
-	geothermal uses and irr	igation within	greenhouses_an	d related pur	poses
-	located in the SW4NE4 8	NW15EN OF SECT.	ton /. Townshi	<u>p 25 South.</u> R	ange 19 West.
•					
	*********			· · · · · · · · · · · · · · · · · · ·	
7.	Additional statements or explanatic with water from wells t	ons <u>Water from W</u> numbered as foll	ell No. <u>A-36-A</u> ows:	18-3-5 will be	commingled
7	with water from wells a	SUBDIVISION	OWS: SECTION	TOWNSHIP	RANCE
•	Additional statements or explanatic with water from wells r located in the located in the	SUBDIVISION SELSWLNEL	OWB: SECTION 7	TOWNSHIP 25 S	RANCE
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-S -S-2 -S-3 -S-4 -S-6 -S-7 -S-8	with water from wells r located in the located in the located in the located in the located in the located in the located in the to be located in the to be located in the to be located in the	Aumbered as foll SUBDIVISION SELSWLNEL SELSWLNEL SWLSWLNEL SFLNELSEL SWLSWLNEL SELSWLNEL SELSWLNEL NWLNWLSEL SWLNWLSEL SWLNWLSEL	<u>SECTION</u>	TOWNSHIP 25 S 25 S	RANCE     19 W       19 W     11 W       19 W     12 W       19 W     13 W       19 W     13 W       19 W     19 W
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After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engiacer pertaining to the drilling of \_\_\_\_\_\_\_\_\_ wells be complied with; and further subject to the following conditions:

											source			
							-teet	per	anni	im m	easured	a	t the	
 Well	s und	ər	this	per	mi	t.								

 The total amount of water diverted from all sources combined shall be measured by totalizing meters of a type approved by and installed in a manner and at locations acceptable to the State Engineer.

3. Records of the amount of water diverted during the preceding calendar month shall be submitted to the State Engineer District III Supervisor, P. O. Box 844, Deming, New Mexico 88031-0844 on or before the 30th day of the following month.

Proof of completion of well shall be filed on or before April 30 , 19 82

Proof of application of water to beneficial use shall be filed on or before \_\_\_\_\_\_, 19 \_\_\_\_\_, 19 \_\_\_\_\_,

Witness my hand and seal this\_\_\_\_\_\_l5th \_\_\_\_\_day of \_\_\_\_\_January\_\_\_\_\_, A.D., 19\_82\_\_\_\_

S. E. Reynolds, State Engineer J. B. Nixón, Engineer Water Rights Bureau

### INSTRUCTIONS

. This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5---Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

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	IMPORTANT-READ IN	STRUCTIONS ON B.	ACK REFORM	2 EU 1 ING OUT TH		
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	51075(55-11)					
SUPPL	EMENTAL NEX. APPI	LICATION	FOR	PERMIT		
	To Appropriate	the Underground W	aters of the	State of New Mexic	»	
Ď	e Received August 31	1091		A-36-AB-S-4	5/2)	
Dati 1. i	e Received August 31 Name of applicant Burgett I	nvestment, Inc.	ile No		ed & Harrier	Amoon.
	Mailing address Star Rout	e, Box 265A				
		lew Mexico 8802				
2. 3	Source of water supply <u>shallo</u>					ATER BASIN
-	(artesian (	or shallow water aquife	cc) JP	(name ol ui 7	derground basin)	
3-	The well is to be located in the Range 19 West N.M.P.M., or on land owned by Thermal	Tract No. of Mar	No. 4, Section	nTownship		
	on land owned by Thermal	Power Associat	сев			
	Description of well: name of dril					;
•	Ourside Diameter of casing <u>1</u>	.2 inches; A	<del>pproximate</del> dej			:et;
5.	Quantity of water to be appropria	ted and beneficially us		79.5	ACTC 11	ee, per ann
	for supplemental geothe	rmal uses & ir	() cleation w	consumptive use, dive	and related	
	Acreage to be irrigated or place of			Breeninge	eu u purpos	
0.	Actempt to be inspired of place t					C8.
	Subdivision Se	ction Township R	ange Acre		)wner	
		-	-	-		
	For supplemental appr	opriation of sl	nallow gro	und water not t	o exceed 79.5	
	acte-feet per annum f	rom all combine	ed sources	measured at th	e wells for	
	geothermal uses and i located in the SW4NEA	E NURSER of Se	in greenho	uses and relate	d purposes	Woot
		L C IN ADDA OL D	<u>ectiv</u> n <u>/.</u>	TOMMENTE 22 200	LIL MAILYE 13	перс.
			<u> </u>			
			<u></u>			<u> </u>
	Additional statements or explana with water from wells	numbered as fo	ollows:			
NO. -A	located in the	SUBDIVISION SELSWLNEL	SECTION	TOWNSHIP 25 S	RANGE 19 W	<del></del>
-B	located in the	SELSWANEL	<u>7</u>	25 S	<u>19 W</u>	
-AB-S	located in the	SWZSWICNEZ	7	25_S	19 W	<b>~~</b>
-ABS-2	located in the	SEXNERSER	7	<u>25 S</u>	<u>19 W</u>	<u></u>
-AB-S-3 -AB-S-5	located in the to be located in the	SWYSWYNEY	<u> </u>	<u>25 S</u>	<u> </u>	
-AB-S-6	to be located in the	<u> </u>	/	<u>25 S</u>	<u>    19 W                               </u>	; .
	to be located in the	NEKNWYSEY		<u>25 S</u> 25 S	<u>19 W</u> 19 W	
-AB-S-8	to be located in the	SW-CNW!(SE)(	7	25 S	19 V	
-AB-S-9	to be located in the	SELSELNWL		25 S	19 N	:
			- <u></u>			; -
	mile emerged with a	law alda and ld			1	
	This proposed well un with the State Engine		CALION 15	an existing we	I nor on reco	<u> </u>
		<u>+ ++++++++++++++++++++++++++++++++++</u>				
		<u> </u>				
_				60	11	
We.	, Burgett Investment, 1	Inc.: Thermal Pe	wer Assoc	iate & H	Titlen .	
	d belief and that development sha					edge
200	g perier and that development and	in hot commence untit	approvar or the	permit has been obta	incu.	
			~ <u>e</u>	<u>Alexandre</u>		Permitt
			UAFE	FRE LECERT		
	Burgett Investment, In	·		mal Darrow Amm	lator	<b>b</b>
	Builling Investment, II	1C. Permii	uee, iner	mal Power Assoc	LALES	Permitt
//R.	" Haldburn	et Pres	A By:	NH M. D.	mall. Pres	
V DY	·	1 1	T.	1 M		
Su	ibactibed and aworn to before me	this bed	day of	april 1	J. A. J. 19	<u></u> .
	My Commis	sion Expires July 12, J		r 11 12/\/	7 く 47	
Mj	y commission expires	· · · · · · · · · · · · · · · · · · ·	<u></u>	after A		<del></del>
				Nothry Pu	une X	
				$\alpha$ (	/•	

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of \_\_\_\_\_\_\_\_ wells be complied with; and further subject to the following conditions:

1.	The total	amount	of water	diverted	from all	sources	combined
	shall not	exceed	79.5 acro	e-feet per	annum m	leasured a	at the
	wells unde	er this	permit.				

 The total amount of water diverted from all sources combined shall be measured by totalizing meters of a type approved by and installed in a manner and at locations acceptable to the State Engineer.

3. Records of the amount of water diverted during the preceding calendar month shall be submitted to the State Engineer District III Supervisor, P. O. Box 844, Deming, New Mexico 88031-0844 on or before the 30th day of the following month.

Proof of completion of well shall be filed on or before \_\_\_\_\_\_ April 30 \_\_\_\_\_\_, 19 \_\_\_\_\_ 82 Proof of application of water to beneficial use shall be filed on or before \_\_\_\_\_\_\_, 19 \_\_\_\_\_\_

Witness my hand and seal this 15th day of January , A.D., 19 82

S. E. Reynolds, State Engineer

J. B. Nixon, Engineer

Water Rights Bureau

### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5---Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6-Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---11 lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

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							evised August 1967	
*31 AU	16 31. PH 4	34				096	680 D - 35.0	0
	IMPORTAN	T-READ INSTR	UCTIONS ON B	ACK REFOR			•	
	ERGTHEFER AL	THE						
s D	UPPLEMENTAL MING, N. MEX.	APPLI	CATION	f FOR	PERM	IT		
	To A	Appropriate the	Underground W	aters of the	State of New	v Mexico		λ,
Dat	e ReceivedA	ugust 31, 198	81	File No	A-36-AB-S	(	Q 5-1	)
1.	Name of applicant _	<b>a b</b>	estment, Ind	; Thermal	Power Ass	ociates 6		HARE.
	Mailing address City and State		Mexico 880	20		<u> </u>		
	Source of water sup				Animas Va	lley Unde	erground Wate	er Basin
		(artesian or sh	allow water aquif	er)	(BA	me of undergr	ound basin)	
	The well is <del>suche</del> lo Range <u>19 West</u>	N.M.P.M., or Trac	t No. of Ma	No. of	n1 the1	ownship	District,	
	on land owned by _			28			· · ·	
4.	Description of well Outside Diameter o	: name of driller_ fcasing3	inches;	upproximate de	pth <b>se-be</b> -drille	d117	ieet;	
	Quantity of water to			sed		79.5	acte leet,	per annum
	for Supplement	tal Geothern	nal uses & I	rrigation (	consumptive as within gre	se, diversion) enhouse	s related	,
	Acteage to be ittig						acres,	
	Subdivisio	on Section	n Township F	lange Acro	8	Owne	r	
	or supplement							e
	eet per annum uses and Irrig							
	WIGNEY & NWIGSI						·····	
•								
						· · · · · ·	5 <sup>7</sup>	
7. V	Additional stateme vith water fr	nts or explanation: on wells num	nered as fol	m well No. lows:	<u> </u>	S WIII DE	commentited	· · ·
WELL NO.			SUBDIVISION	SECTIC	N TOWNS	SHIP R	ANGE	
A-36-A	located in t		SEXSWENE'	7	25		19 W.	•
A-36-B	located in t		SELSWANEL SELNELSEL	77			<u>19 W.</u> 19 W.	
	located in t		SWLSWLNE!	7			19 Y	•
	located in t		SELSMANEL	7			19 W.	
A-36-AB-S-5	to be locate	d in the	SWASWANE'S	7	25	s.	19 N.	_
A-36-AB-S-6	to be locate	d in the	NWYNWYSEY	7	25	s.	19 W.	_
A-36-AB-S-7	to be locate	d in the	NEWMASEL	7	25	S	19 11.	
	to be locate		SWINWISE'		25	<u>s.</u>	19 W.	-
A-36-AB-S-9	to be locate	d in the	SELSELNWL	7	25	<u>S.</u>	19 W.	-
	This well is	an existing	well drille	d under To	ost Well P	ermit No.	А-384	-
								-
						$\sim$	<u></u>	-
						(Dil)	<u>}</u>	-
Wę,	Burgett Inve	stment, Inc.						•
** <u>-</u> and	belief and that de	velopment shall no		-			at of my knowledge	
					10	3/		
					HOT BEE	te di te di -		
	Burgett Inve	stment, Inc.	Pemi	ilee,	Thermal.	Pover Ass	ociates	-
<b>У</b> Ву	Dull	Junge	6 Pra	(·) ~	by: Del	mcro	nall, Ince	
Su	bscribed and swom			day of_	Cafer	the A.	D., 19 8 -	
Mu	commission expire	My Commission Exp	nies juiv is a		SPI/	]]	()	_
					To INO	nery Public	X	-

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#### ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of \_\_\_\_\_\_\_\_ wells be complied with; and further subject to the following conditions: \_\_\_\_\_\_\_

1. The total amount of water diverted from all sources combined
shall not exceed 79.5 acre-feet per annum measured at the
wells under this permit.
2. The total amount of water diverted from all sources combined
shall be measured by totalizing meters of a type approved by
and installed in a manner and at locations acceptable to the
State Engineer.
3. Records of the amount of water diverted during the preceding
<u>calendar month shall be submitted to the State Engineer</u>
District III Supervisor, P. O. Box 844, Deming, New Mexico
88031-0844 on or before the 30th day of the following month.
Proof of completion of well shall be filed on or before April 30, 19 82
Proof of application of water to beneficial use shall be filed on or before, 19, 19,
Witness my hand and seal this15thday ofJanuary, A.D., 19_82

S. E. Reynolds, Stare, Engineer

#### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.60. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 3-Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6---Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legsl subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

. \_ . . . . .

41							••
¢						680 D - \$5	.00
/	281 AU	IMPORTANT READ INS	TRUCTIONS ON BACK	K BEFORE FIL	LING OUT THIS	FORM	
/							
	SUPPL	EMENTAL APPL	ICATION (	FOR PE	ERMIT		
	STATE	ENGING, LA GERIAL					
	D	MING, Appropriate the	he Underground Water	rs of the State	of New Mexico		
				A 26	AD_C_7		
	Date Recei	ived <u>August 31 1</u> If applicant <u>Burgett I</u>	1981 File	No. Inermal Pow	er Associate		Ion.
		address Star Rout	e, Box 265 A				
	City and		ew Mexico 88020				- -
	2. Source	of water supply shallow	water aquiter	located in An1	mas valley U	iderground Wat	- Basin
	3 The me	(artesian or artesian or artesian or T 9 West N.M.P.M., or T 1 owned by	E , NE , SE		7 (name of und	25 South	
	Range_	9 West N.M.P.M., or 7	/4 /4 Cract No of Map No.		10wnship_	Distric	- L
	on land	owned by Harriet	Green				-•
	4. Descrip	ption of well: name of drille	AUDUTA J. W	<u></u>		<u> </u>	_i
	Outside • Outside	lowned by <u>natrite</u>	inches; Appen	enimate depth to	the drilled 79.5	[ce	-
	> Quantit	ly of water to be appropriate	and peneticially used			acre lee	, Per annum
	for Su	upplemental Geother	mal uses & Irrig	ation withi	n Greenhouse	5 & related	5,
	6. Acreage	e to be irrigated or place of	use			BCLE	ő.
			tion Township Rang			ner	
	For s	supplemental approp	riation of shall	ow ground w	ater not to	exceed 79.5 a	cre
	feet	per annum from all and Irrigation wit	combined source	a measured	at the wells	for Geotherm	<u>-</u>
	SWAND	EX & NWYSEX of Sect	ton 7. Townshin	25 South, R	ange 19 West		-
							-
		·····					
		······································		·			
	with	mal statements or explanation water from Wells n	numbered as follo	SECTION	TOWNSHIP	RANGE	
ELL NO. -36-A	local	ted in the	SUBDIVISION SENSMANES	7	25 5.	19 W.	·
-36-B		ted in the	SELSN'ANEL	7	25 S,	19 W.	-
-36-AB-8		ted in the	SW4SW4NE4	7	25 S. 25 S.	19 W. 19 W.	
		ted in the	SE4SW4NE4 SE4SW4NE4	<u>'</u>	25 5.	<u>-19 w.</u>	ر <b>ا</b>
		e located in the	SW-2SW-2NE-2		25 S.	19 W.	
		e located in the	NW DW SEL	7	25 S.	19 W.	
		e located in the	NE-QIW-CSE-4	7	25 S. 25 S.	19 W. 19 W.	
	3 <b>-8 t</b> o b	e located in the	Swynwysey	7			
	-0 to b			7			
- 30- 110- 1	5-9 to b	e located in the	SEASEANA	7	25 S.	<u>19 W.</u>	
- 30- 100- 1	3-9 <u>to b</u>			7			
- 30- 120- 1		e located in the	SEZSEZINA,	7	25 S.	19 W.	
- 30- 100- 1			SEZSEZINA,	7 under Test 1	25 S.	19 W.	
- 30- 120- 0		e located in the	SEZSEZINA,	7 under Test 1	25 S.	19 W.	
		e located in the	SEZSEZINA,	7 under Test 1	25 S.	19 W.	
с. <b>50</b> - <b>10</b> - <b>1</b>	This	e located in the well is an existi	SEXSEXMA ng well drilled v		25 S. Well Permit N	19 W. No. A-385.	
- <b>Ju</b> - <b>M</b> - •	This	e located in the well is an existing gett Investment, I	SEASEANA ng well drilled w nc.; Thermal Powe	er Associat	25 S. Well Permit N	19 W. No. A-385.	
	This This We, Bur	e located in the well is an existing rgett Investment, I	SEASEAMA ng well drilled u nc.; Thermal Power , affirm that the k	er Associat	25 S. Well Permit I	19 M. No. A-385.	
- <b>JU</b> - <b>N</b> U - <b>N</b>	This This We, Bur	e located in the well is an existing gett Investment, I	SEASEAMA ng well drilled u nc.; Thermal Power , affirm that the k	er Associat	25 S. Well Permit I	19 M. No. A-385.	Be
	This This We, Bur	e located in the well is an existing rgett Investment, I	SEASEAMA ng well drilled u nc.; Thermal Power , affirm that the k	er Associat	25 S. Well Permit I	19 M. No. A-385.	Be
- <b>J</b> U- <b>I</b> U- <b>i</b>	This This We, Bur X and belief	e located in the well is an existing gett Investment, I and that development shall	SEASEAMA ng well drilled u nc.; Thermal Power , affirm that the k	er Associatioregoing sisteme roval of the permitted to th	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. Io. A-385.	
- <b>JU</b> - <b>I</b> <u>U</u> - <b>V</b>	This This We, Bur X and belief	e located in the well is an existing rgett Investment, I	SEASEAMA ng well drilled u nc.; Thermal Power , affirm that the k	er Associat pregoing sisteme roval of the perm Harrison T H 15	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 M. No. A-385.	
<b>.</b>	This This We, Bur X and belief	t Investment, Inc.	SEASEANA ng well drilled u nc.; Thermal Power , affirm that the ic not commence until appr , Permittee,	er Associat pregoing sisteme roval of the perm Harrison T H 15	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. Io. A-385.	
- <b>30</b> - <b>1</b> 0 - <b>1</b>	This This We, Bur X and belief	t Investment, Inc.	SEASEANA ng well drilled u nc.; Thermal Powe , affirm that the fo not commence until appo	er Associat pregoing sisteme roval of the perm Harrison T H 15	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. Io. A-385.	
× 30- 110- 1	This This We, Bur We, Bur K and belief Burgett By:	t Investment, Inc.	SEASEANA, ng well drilled u inc.; Thermal Power , affirm that the ic not commence until appr , Permittee,	er Association oregoing stateme froval of the permitted that May: De	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. Io. A-385.	
ς	This This We, Bur We, Bur K and belief Burgett By:	t Investment, Inc.	SEASEANA ng well drilled u inc.; Thermal Powe , affirm that the ic not commence until appr , Permittee,	er Associat pregoing sisteme roval of the perm Harrison T H 15	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. Io. A-385.	
	This This We, Bur K and belief Burgett By: Subscribe	t Investment, Inc.	SEASEANA, ng well drilled u inc.; Thermal Power , affirm that the ic not commence until appr , Permittee,	er Association oregoing stateme froval of the permitted that May: De	25 S. Nell Permit I Es à line source ars are true to the tring been obtain Brittes Em re four A M c D i A M c D i	19 W. 10. A-385.	
, <b>, , , , , , , , , , , , , , , , , , </b>	This This We, Bur K and belief Burgett By: Subscribe	t Investment, Inc.	SEASEANA ng well drilled u inc.; Thermal Powe , affirm that the ic not commence until appr , Permittee,	er Association oregoing stateme froval of the permitted that May: De	25 S. Well Permit N Es & Linter ats are true to the irfna been obtain C	19 W. 10. A-385.	

READ INSTRUCTIONS ON BACK

Revised March 1972

# APPLICATION TO APPROPRIATE UNDERGROUND WATERS 68020 D - \$1.00 IN ACCORDANCE WITH SECTION 75-11-1 NEW MEXICO STATUTES

	and Address of Applicant:	File No
Burg	ett Investment	
	le Burgett	
	. Box 265-A	
Aniu	as, New Mexico 88020	
Descrit	be well location under one of the fol 5W <u>5E 4 NW 4</u> <u>Hidalgo</u> Coun	NE SE % of Sec. 7. Two. 25 S Rue. 19 W. N. M. P. M., in
h		of the
•	-	
	No of Block No division, recorded in	of the County.
d X =	feet V =	feet, N. M. Coordinate SystemZone
in th	ne lett, i =	Grant.
dist:	ance from known landmarks	
		Ing well feet; outside diameter of casing inches.
Name	of driller (if known)	Unknown
Use of	water (check appropriate box or box	xes):
۲X آ	Household, non-commercial trees,	lawn and garden not to exceed 1 acre.
	Livestock watering.	
<b>X</b>	Drinking and sanitary purposes an a commercial operation.	nd the irrigation of non-commercial trees, shrubs and lawns in conjunction with
	Prospecting, mining or drilling oper	rations to discover or develop natural resources.
	Construction of public works, high	aways and roads.
	If any of the last three were marke	ed, give name and nature of business under Remarks. (Item 5)
. Remar	ks: This is an existing y	well not on record with the State Engineer.
	<u></u>	
		_, affirm that the foregoing statements are true to the best of my knowledge it commence until approval of the permit has been obtained.
<u>Bu</u>	rgett Investment, Appl	licant / Date: 7.66 2-5,697
		ACTION OF STATE ENGINEER
'his ann	lication is approved for the use ind	icated, subject to all general conditions and to the specific conditions numbered
4	<b><u><b>6</b>5a</u></b> on the r r driven and the well record filed on	reverse side hereof. This permit will automatically expire unless this well is

By: L. T. Putnam Supervisor, District III Date: February 28, 1978

File No. A-378

#### GENERAL CONDITIONS OF APPROVAL

- A. The maximum amount of water that may be appropriated under this permit is 3 acre feet in any calendar year.
- B. The well shall be drilled only by a driller licensed in the State of New Mexico in accordance with Section 75-11-13 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eights (2 3/8) inches outside diameter (Section 75-11-13).
- C. Driller's log must be filed in the office of the State Engineer within 10 days after the well is drilled or driven. Failure to file the log within that time shall result in automatic cancellation of the permit. Log forms will be provided by the State Engineer upon request.
- D. The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E. If the well under this permit is used at any time to serve more than one household, livestock in a commercial feed lot operation, or any other commercial purpose, the permittee shall comply with Specific Conditon of Approval number 5(b).
- F. In the event this well is combined with other wells permitted under Section 75-11-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre feet per annum.

#### SPECIFIC CONDITIONS OF APPROVAL

(Applicable only when so indicated on the other side of this form.)

- 1. Depth of the well shall not exceed the thickness of the (a) the valley fill or (b) Ogallala formation.
- 2. The well shall be constructed to artesian well specifications and the State Engineer Office shall be notified before casing is landed or cemented.
- 3. Appropriation and use of water under this permit shall not exceed a period of one year from the date of approval.
- Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.
- 5. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the State Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor (a) for each calendar month, on or before the 30th day of the following month (b) on or before the 10th of January, April, July and October of each year for the three preceding calendar months (c) for each calendar year on or before the 30th day of January of the following year.
- 6. The well shall be plugged upon completion of the permitted use and a plugging report shall be filed in the office of the State Engineer within 10 days.
- 7. Final approval for the use of the well shall be dependent upon a leakage test made by the State Engineer Office.
- 8. Use shall be limited strictly to household and/or drinking and sanitary purposes; water shall be conveyed from the well to the place of use in closed conduit and the effluent returned to the underground so that it will not appear on the surface. No irrigation of lawns, garden, trees or use in any type of pool or pond is authorized under this permit.

#### INSTRUCTIONS

The application shall be made in the name of the actual user of the well for the purpose specified in the application.

The application shall be executed in triplicate and forwarded with a \$1.00 filing fee to the appropriate office of the State Engineer.

A separate application must be filed for each well to be drilled or used.

If well to be used is an existing well, an explanation (and file number, if possible) should be given under Remarks. (Item 5.)

Applications for appropriation, well logs and request for information in the following basins should be addressed to the State Engineer at the office indicated;

Bluewater, Estancia, Rio Grande, and Sandia Basins

District No. 1, 505 Marquette NW, Room 1023, Albuquerque, New Mexico 87101

Capitan, Carlsbad, Fort Sumner, Hondo, Jal, Lea, Penasco, Portales, Roswell, and Upper Pecos Basins

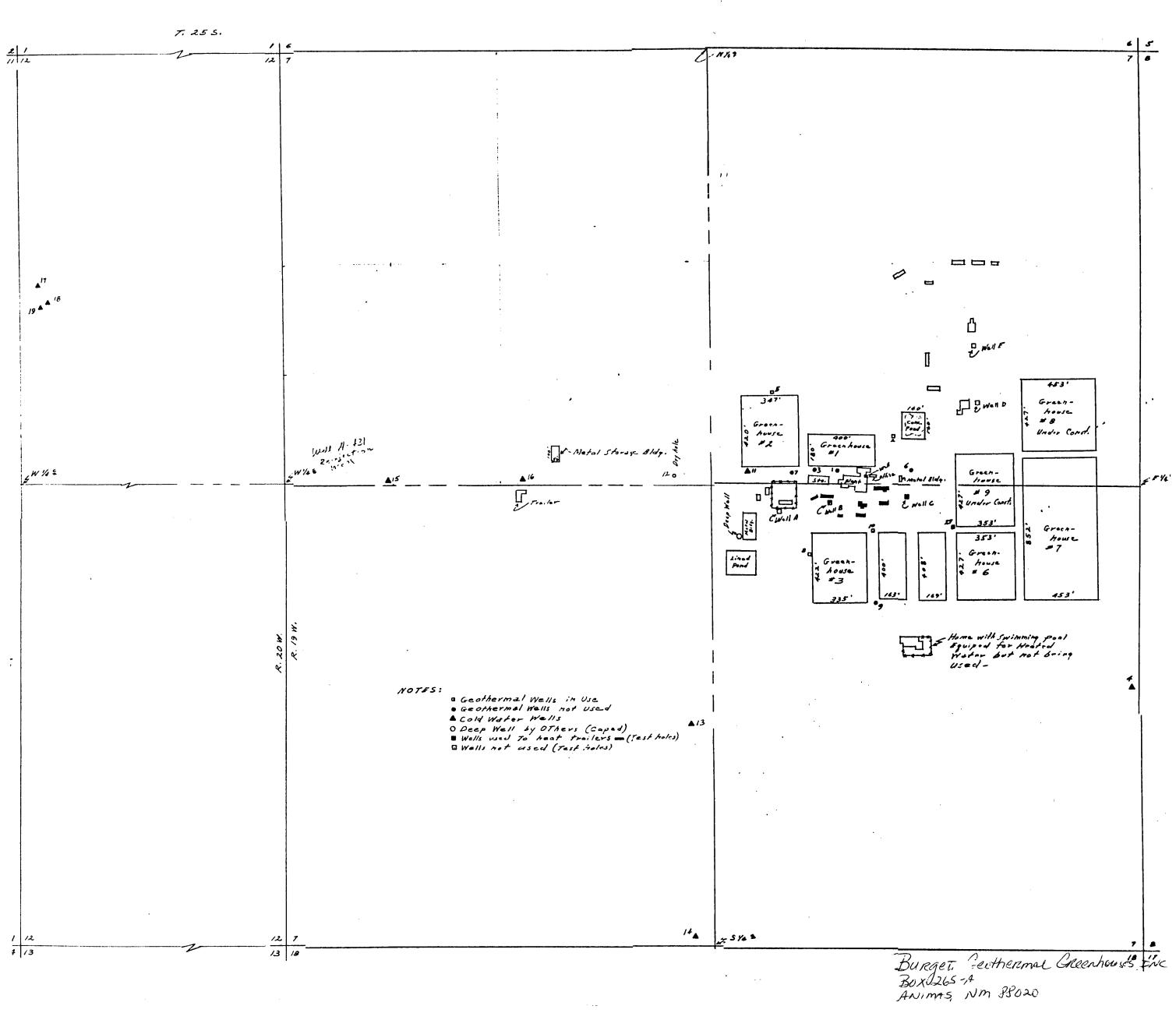
District No. 2, Box 1717, Roswell, New Mexico 88201

Animas, Gila-San Francisco, Hot Springs, Las Animas Creek, Lordsburg, Mimbres, Nutt-Hockett, Playas, San Simon, and Virden Valley Basins

District No. 3, Box 844, Deming, New Mexico 88030

Canadian River Basin

State Engineer Office, State Capitol, Bataan Memorial Bldg., Santa Fe, New Mexico 87501



# STATE ENGINEER OFFICE



OCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the st district office of the State Engineer. All sections, except Section 5, shall be answered as completely and rately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging ord, only Section 1A and Section 5 need be completed.

′ <b> </b>		Street and Number	er	
		City	Cotton City	State Hen Maxico
		Well was drilled	under Permit No	3-5 and is located in the
		Sr. 1/4	1/4 ME 1/4 of Section 10	Twp.25 S. Rge. 20 1
		(B) Drilling Con	tractor. Jim McBee	License No. 59-400
		Street and Number	er	
				State Ari Ame 82544
	_ <u></u>	Drilling was com	pleted April 7, 1970	
	(Plat of 640 acr	es)		th of well 226'
				er upon completion

No.	Depth	in Feet	Thickness in	Description of Water-Bearing Formation
MU.	From	To	Fcet	
1	70	150	80	Gravel and sand
2	170	210	40	Gravol and sand
3				
4				
5				

#### Section 3

A

#### RECORD OF CASING

Dia	Pounds	Threads	De	pth	Feet	Type Shoe	Per	forations
in.	ft.	in	Top	Buttom	reet	Type Silve -	From	j To
16	42		0	226	226	none	70	220
	[			-				

Section 4		•	RECORD	OF MUDDING	AND	CEMENT	ING			(1)	
Depth From		Diameter   Hole in in.	Tons Clay	No. Sacks of Cement			Metl	hods Used			ĉ
From	То										
	_								÷.,	÷	
			-	}					•		
		· · · ·		1	-				(0)		
			.1								0.0
Section 5				PLUGGING I	RECO	RD				8	دره
Name of	Plugging	Contractor						License I	No	111	:
		۲									
Tons of C	lay used	1	lons of Ro	ughage used			Type of	roughage	e		
Plugging	method i	used				Date	e Plugged.				.19
Plugging	approved	l by:				Cement	t Plugs wer	e placed	as fo	llows:	
					No.	Depth	of Plug				
			Basin Supe	rvisor	NO.	From	То	No.	orsa	icks Used	1

	From	То	No. of Sacks Used
L		<u> </u>	
•			

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Sec	tion	6

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# LOG OF WELL

Depth From	in Feet	Thickness in Feet	Color	Type of Material Encountered
0	15	15	brown	Ann
-15	70	<u> </u>	brown	top soli sand and pureaks of clay
70	150	80	brown	gravel and sand
150	170	20	brown	gravel and streaks of clay
170	210	40	brown	gravel and sand
210	226	16	bluo	clay
•				***************************************
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.  $\bigcirc$ 

Well Driller

2 113 312	APPLICATION FOR PERMIT TO COMBINE
0.13	To Appropriate the Underground Waters of the State of New Mexico
/	Date Received April 30, 1971 File No. A-51, A-53 & A-54-Combined
/	1. Name of applicant Sidney O. Wright
	Mailing address Box 246. City and State Animas. Now Mexico 88020
	2. Source of water supply shallow water aquifer , located in ANIMAS VALLEY UNDERGROUND WATER B
	See Item 7 below. (arresian or shallow water aquifer) (name of underground basin) 3. The well is to be located in the % % %, Section Township
•	RangeN,M.P.M., or Tract Noof Map Noof theDistrict, on land owned by
	4. Description of well: name of drilleri
	Ourside Diameter of casing inches; Approximate depth to be drilled feet;
	5. Quantity of water to be appropriated and beneficially used <u>1349.388</u> acre feet, ( <del>consumptive user</del> diversion)
	for irrigation purposes.
	6. Acreage to be irrigated or place of use <u>449,796</u> acres.
FILE:	Subdivision Section Township Range Acres Owner
A-51	NUX: Pr. Niniswi 14 25 S. 20 W. 154.296 S.O.Wright & Federal Land Ban
	A-54 Part Sk 14 25 S 20 U )
	Part N5N5 23 25 S. 20 W.) 295.500 S. O. Wright
	7. Additional statements or explanations Water from Wells Nos. A-51, A-53, A-53-S and A-54
	located respectively in the NEXSWANWA of Section 14, in the SEASEANEA of Section
	located respectively in the NEESWEW of Section 14, in the SEESEENEE of Section 10, in the SEESEENEE of Section 10 and in the SWESWEEE of Section 10, all
	located respectively in the NEXSWANWA of Section 14, in the SEASEANEA of Section
	located respectively in the NEESWANWY of Section 14, in the SEESEENEY of Section 10, in the SEESEENEY of Section 10 and in the SWESWANEY of Section 10, all in Township 25 South. Range 20 West. N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos. A-53. A-53-S and A-54 is transported by plastic pipeline
	located respectively in the NEESWANWY of Section 14, in the SEESEENEY of Section 10, in the SEESEENEY of Section 10 and in the SWESWANEY of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land.
	located respectively in the NE2SWANW& of Section 14, in the SEASEANE& of Section 10, in the SEASEANE& of Section 10 and in the SWASWANE& of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M.
	located respectively in the NE2SWANWA of Section 14, in the SEASEANEA of Section 10, in the SEASEANEA of Section 10 and in the SWASWANEA of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M.
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	located respectively in the NE2SWANW& of Section 14, in the SEASEANE& of Section 10, in the SEASEANE& of Section 10 and in the SWASWANE& of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land.           Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M.
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	located respectively in the NE2SWANW& of Section 14, in the SEASEANE& of Section 10, in the SEASEANE& of Section 10 and in the SWASWANE& of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land.           Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M.
	<pre>located respectively in the NE2SWANW&amp; of Section 14, in the SEASEANE&amp; of Section 10, in the SEASEANE&amp; of Section 10 and in the SWASWANE&amp; of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M.</pre>
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	<pre>located respectively in the NE2SWANW&amp; of Section 14, in the SEASEANE&amp; of Section 10, in the SEASEANE&amp; of Section 10 and in the SWASWANE&amp; of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, N.M.P.M. </pre>
	<pre>located respectively in the NE2SW2NW2 of Section 14, in the SE2SE2NE2 of Section 10, in the SE2SE2NE2 of Section 10 and in the SW2SW2NE2 of Section 10, all in Township 25 South. Range 20 West. N.M.P.M. and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos. A-53. A-53. S and A-54 is transported by plastic pipeline Section 10 to Section 14. Township 25 South. Range 20 West. N.M.P.M.</pre>
	<pre>located respectively in the NE2SW2NW2 of Section 14, in the SE2SE2NE2 of Section 10, in the SE2SE2NE2 of Section 10 and in the SW2SW2NE2 of Section 10, all in Township 25 South, Range 20 West, N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos, A-53, A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West, NaM.P.M.</pre>
	<pre>located respectively in the NEESWENNE of Section 14, in the SEESEENEE of Section 10, in the SEESEENEE of Section 10 and in the SWESWENEE of Section 10, all in Township 25 South. Range 20 West. N.M.P.M., and are commingled for the combined irrigation of the above described 449.796 acres of land. Water from Wells Nos. A-53. A-53-S and A-54 is transported by plastic pipeline Section 10 to Section 14, Township 25 South, Range 20 West. N.M.P.M</pre>

Revised August 1967

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Subscribed and awom to before me this 30th	day of April	
My commission expires. March 13, 1973	dda ?	Kenn
	Notary Publ	lic

Number of this permit A-51, A-53 & A-54-Combined

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## ACTION OF STATE ENGINEER

al sig	reasured at the wells.	
· I • C^		
		1 , 19
	Proof of application of water to beneficial use shall be filed on or before <u>Ap</u> Witness my hand and seal this <u>11th</u> day of <u>June</u>	<u>, A.D., 19</u> 72 , A.D., 1971

n gine e la companya la segura para de la companya Na companya de la comp

#### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5---Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

.

Sec. 6-Describe only the lands to be itrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7---If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

Maria Maria State



# STATE ENGINEER OFFICE



· · · •

Cement Plugs were placed as follows:

# WELL RECORD

/CTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the i district office of the State Engineer. All sections, except Section 5, shall be answered as completely and ately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging rd, only Section 1A and Section 5 need be completed. tion 1

ction	1	(A) Owne	r of well Sidney O. Wrig	ht	
/			Number Box 246	·	
I		City	Animas	State New Mexico	88020
			drilled under Permit No A-5 SW 4 NW 4 of Section		
		(B) Drilli	ng Contractor Verlon & O. L. Number Box 266	Hilburn License No.	
	·	City	Hatch	State New Mexic	0
			as commenced		
			as completed		
Elevatio	Plat of 640 acres) on at top of casing	in feet above sea	level	epth of well 275	
State w	hether well is shal	llow or artesian		ater upon completion	0
Section	2	PRIN	CIPAL WATER-BEARING STRATA		
No. Depth in Feet		Thickness in	Description of Wate	er-Bearing Formation	
	From   To	Feet	-	-	

	From	To	1 666	
1	70	130	60	sand and gravel
2	210	235	25	sand and gravel
3				
4				
5				

Section 3	· · ·			RECOR	D OF CAS	SING		
Dia Pounds	Threads	Threads Depth			Tuno Shoo	Perforations		
in.	ft.	in	Top	Bottom	Feet	Type Shoe -	From	То
16	42		0	255	255	homemade	60	250

Section 4

### RECORD OF MUDDING AND CEMENTING

Depth in Feet From To		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
•	·				

Section 5	PLUGGING RECORD		
Name of Plugging	ContractorLicense	No	
Street and Number.	City State		

Tons of Clay used	 Туре с	f roughage
Plugging method used	 Date Plugge	i

Plugging approved by:

Basin Supervisor	No.	Depth From	of Plug To	No. of Sacks Used
FOR USE OF STATE ENGINEER ONLY				
Date Received June 17, 1968				
	L	1	1	
File No	tion	L	ocation No.	25.20.14.132

Section 6	
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### LOG OF WELL

Depth i	In Feet	Thickness in Fect	Color	Type of Material Encountered
0	, 6	6	brown	top soil
6	20	24		gravel
30	70	40	ų	gravel and clay
70	130	60		gravel and sand
130	210	80	11	sandy clay
210	235	25	11	sand and gravel
235	250	15		clay
250	275	25	blue	blue clay
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

13 y Jun Miller

# WELL RECORD

STRUCTIONS: This form should be typewritten, and filed in the office of the State Engineer, (P.O. Box 1079) Santa Ae, New Mexico, unless the well is situated in the Roswell Artesian Basin, in which case it should be filed in the office of the Artesian Well Supervisor, Roswell, New Mexico. Section 5 should be answered only if an old artesian well has been plugged. All other sections should be answered in full in every case, regardless of whether the well drilled is shallow or artesian in character. This report must be subscribed and sworn to before a Notary Public.

Sec. 1									
			Own	r of well	Bisho	n Groth	eľs		••••••••••••••••••••••••••••••••••••••
NW		-N.E				-			
IN I		N.L.							
									and
									of Section 10
SW		-9.E		-			-		• • • • • • • • • • • • • • •
									•••••••••••••••••••••••••••••••••••••••
	1 640 ac								· · · · · · · · · · · · · · · · · · ·
Locate W		•							
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					0.W		· · · · · · • • • · · ·	••••	· · · · · · · · · · · · · · · · · · ·
Fotal depth of we	±11	1.0							
Sec. 2	•	6 E			TER-BEAR			e ( rad	und amortal
									und gravel
									and gravel
			•						and <u>Cravel</u>
									and cravel
No. 5, Irom .[6 Sec. 3	<b></b>	to17	<b>0</b> ,				Formation	- <u>- 14</u>	<b>f</b>
9ec. 1				RECO	RD OF CAS	SING			
DIAMETER PO	UNDS FOOT	THREADS PER INCH		E OF	FEET OF Casing	TYPE OF SHOE	PERFO		PURPOSE
						anor	FROM	то	
┠╴╼╍╴╍╍╌┼╌┉┠╌┍╼╸		·							
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Sec. 4			RE	CORD OF	MUDDING	AND CEM	ENTING		
DIAMETER O HOLE IN INCH		UMBER OF OF CEME		м	ETHODS US	ED	SPECIFIC OF M		TONS OF CLAY USED
1	1			Į					
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Co. (		· · · · · ·							
Sec. 5					3 RECORD				
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-							••		Well Supervisor
Coment plugs we	.,			•••••	was	hingRiug shi	noved by a	nnesian	weit Supervisor
		:			foot Nu-	·	of or	1100 1	
									••••••••••••••••••••••••••••••••••••••
No. 4 was place	dat	<b></b>			feet Num	per of sacks	of cement	used	

A-54

25.20.10.473 A-54

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File No.

- \* Sec. 6

LOG OF WELL



i Se		<u> </u>	og of well	- · ·
Ľ	FROM (depth in feat)	TO (depth in feet)	THICKNESS IN FEET	CLASSIFICATION OF FORMATION
L	0	<u></u>	9	elay
	8	15	7	cand
	15		15	olay
		65	25	sand and gravel
	65	68	3	clay
	68	74	6	sand and Interel
	74	<u>9</u> 0	28	elay
-	<u>96</u>	108	12	sand and eravel
	103	184	26	clay
	134	162	23	sand and drivel
	162	170	8	oluy
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I. Jack Mountain do solemnly swear that, to the best of my knowledge and belief, life foregoing information is a true and correct record of the well for which report is hereby made, insofar as can be determined from all available records.

Jack. no A. D., 194 . Position SUDSCRIBED AND SWORN TO BEFORE ME this ..... Partne 220 day of ..... 1

Hotary Public Street and Number the channesistic Street ROBERT SHAPLEIGH, Notary Public Just Conce In at c El Paso County, Texas "My commission expires June 1, 1949

WELL RECORD

25.2010.244 File No. A. 53

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STRUCTIONS: This form should be typewritten, and filed in the office of the State Engineer, (P.O. Box 1079) Santa ye, New Mexico, unless the well is situated in the Roswell Artesian Basin, in which case it should be filed in the office of the Artesian Well Supervisor, Roswell, New Mexico. Section 5 should be answered only if an old artesian well has been plugged. All other sections should be answered in full in every case, regardless of whether the well drilled is shallow or artesian in character. This report must be subscribed and sworn to before a Notary Public.

Sec. 1		e • • •						
			Owner of wel		op. aros.	••••••	· • • • • • • • • • • • • • • • • • • •	• , • • • • • • • • • • • • • • •
NW-		N.E	Street and Nu	mber			<i>.</i>	
								· · · · · · · · · · · · · · · · · · ·
					-			an
			is located in t	he <i>SE</i>	M SE		C	of Section 10
		S.E	Township	2.55		Range	201	·
			Drilling Cont	ractor	orrison	Drill	ing Co	•
	<u></u>		Street and Nu	mber 3	100 Ft.	Blvd.		
	Plat of 640 a ste Well Ac		Post Office	E	1 Faso	Texas		
Drilling was	commence	ส. ฮ.ีคุม						19.4.9
				•••				•
			•	lew				
Total depth c	f well		feet.					
Sec. 2			PRINCIPAL W	ATER-BEAR	ING STRAT	А		•
No. 1, from	32	to	, Thicknes	s in feet 2	.6	Formation	sand	and gravel
No. 2, from	64	to 70	, Thicknes	s in feet	6	Formation	sand	and gravel
No. 3, from	90	101	, Thicknes	s in feet	1	Formation	Sand	and gravel
No. 4, from	128	10 . 133	, Thicknes	s in feet 4		Formation	sund	and gravel
No. 5, from	132	10 .] 6	O, Thicknes	is in feet	28	Formation	Cla	·
Sec. 3				RD OF CA		•		/
DIAMETER	POUNDS	THREADS	NAME OF	FEET OF	TYPE OF	PERFO	RATED	PURPOSE
IN INCHES	PER FOOT	F PER INCH	MANUFACTURER	CASING	SHOE	FROM	то	
_16_		P.E.		162			160	
						<u> </u>		
Sec. 4			RECORD OF	MUDDING	AND CEM	ENTING		
DIAMETE HOLE IN I		NUMBER OF		ETHODS US	ЕD	SPECIFIC	GRAVITY	TONS OF
HOLE IN I	NCHES	OF CEMEI					W-T	CLAY USED
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						ALL RUSI		L SUPERVISO
C							A A A A A A A A A A A A A A A A A A A	M MICY ICC
Sec. 5		1/		G RECORD				
							-	)
								••••••••••
								•••••••
								e
				Was	plugging app	proved by	Artesian V	Vell Supervisor
	•	ced as follows						
No. 1 was p	laced at .	•••••••	• • • • • • • • • • • • • • • • • • • •	feet Num	per of sacks	of cement	used	· · · · · · · · · · · · · · · · · · ·
No. 2 was p	placed at	•••••••••••••••		feet Num	per of sacks	of cement	used	
No. 3 was p	laced at .	• • • • • • • • • • • • • •		feet Num	per of sacks	of coment	used	
No. 4 was n								
	laced at .	• • • • • • • • • • • • • • • •						· · · · · · · · · · · · · · · · · · ·
				feet Num	ber of sacks	of cement	used	

25.20.10.244

Sec. 6

Sec. 6		G OF WELL	
FROM (depth in feet) -	TO (depth in feet)	THICKNESS IN FEET	CLASSIFICATION OF FORMA
00	6	6	clay
66	12	6	sand and gravel
12	32	20	xxxxxxxx caliche
32	58	26	sand and gravel
58	64	6	clay
64	70	6	sand and gravel
70	90		clay
90	101	<u> </u>	sand and gravel
101	129	27	clay
127	132	5	sund and gravel
132	160	28	clay
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I. Jocks Monitoria do solemnly swear that, to the best of my knowledge and belief, the foregoing information is a true and correct record of the well for which report is hereby made, insofar as can be determined from all available records.

.V.a. ð Ro fert & Slight Notary Public ROBERT P. SHAPLEIGH, Notary Fublic Bry doministon Expires in an El.Paso Gauly, Texas. Post Office My com. son expires June 1, 1949 Street and Number 

(This form to be executed in triplicate)

20.10.10.200

FILED

JUL 1 7 1952 STATE ENGINEER FIELD SEFICE Doming, N. M.

# WELL RECORD

ם	Date of Receipt		••• <i>•*</i> •••••			Permit	No. A=59 & A Combined	
	Name of pe	rmittee,	L. F.	Pudigor				•••••
S	itreet or P.O., .		•	······	City and State.	Anima, B	lev Hoxico	•••••
1.	. Well location	n and d	escription: Th	e Shall OF	well is lo	cated inSW		¥
Ŧ	NE	¥ of	Section	5, Township	25 South	Range 20 Yoat	; Elevation of to	po
	casing above	o sea le	vel,	feet; dlameter of	hole,	inches; total o	lepth,145	leet
	depth to wat	ter upon	completion,		ling was comm	nenced	19	52
	and complet	ted	May 2	7	name of drilling	g contractor111:	bres_Velley	
	Drilli	ng C	Ω <b>;</b> Ad	dress, Box	Doming,1	•1. Driller's I	lcense No	1
2	2. Principal W	Vater-ber	aring Strata:					
	Fron	Depth in	Feel Tu	Thickness	Deres	iption of Water-bearin	Kusmatlan	
	No. 1	60	72	12'		& gravel.	R FORMELION	
	No. 2	79	125	461		* cravel.		
	No. 3							
	No. 4							
•								
5	No. 5 3. Casing Reco Diameter in Jacksa 20	ord: Poun per	ft. per lach	Depth of Casing or Lin Top 1416 <sup>11</sup> 137	u Cashig	Type of Slice	Verforationa Fron 60	
:	3. Casing Rect Diameter in inches	Poun per	ft. per luch	Top Botton	u Cashig		Fron To	
:	3. Casing Rect Diameter in inches	Poun per	ft. per luch	Top Botton	n Canting 16 <sup>11</sup> 123		Fron To	
:	3. Casing Rect Diameter in inches	Poun per	ft. per luch	Top Botton 1416" 137	n Canting 16 <sup>11</sup> 123		Fron To	
:	3. Casing Rect Diameter in inches	Poun per	ft. per luch	Top Botton 1416" 137	n Canting 16 <sup>11</sup> 123		Fron To	
	3. Casing Recr biameter in incluse 20	Poun per 	11. per luch 5 PE	Top Botton 14#6" 137	n Castlig <u>164</u> 123	Non <b>a-</b> nado.	From Te 	
	<ol> <li>Casing Recr in incluse</li> <li>20</li> <li>4. If above con</li> </ol>	Poun per 	14. per luch 5 PE	Top Bottom 14 #6 " 137 well to be abandoned	n Canbug !6 <sup>  </sup> 123 		From To 	<u>.</u>
	<ol> <li>Casing Recr in incluse</li> <li>20</li> <li>4. If above con</li> </ol>	Poun per 	14. per luch 5 PE	Top Botton 14#6" 137	n Canbug !6 <sup>  </sup> 123 		From To 	<u>.</u>
	<ol> <li>Casing Recr in incluse</li> <li>20</li> <li>4. If above con</li> </ol>	Poun per 	14. per luch 5 PE	Top Bottom 14 #6 " 137 well to be abandoned	n Canbug !6 <sup>  </sup> 123 		From To 	<u>.</u>
	<ol> <li>Casing Recr in incluse</li> <li>20</li> <li>4. If above con</li> </ol>	Poun per 	14. per luch 5 PE	Top Bottom 14 #6 " 137 well to be abandoned	n Canbug !6 <sup>  </sup> 123 		From To 	
	<ol> <li>Casing Recording to the second second section</li> </ol>	Poun per	(t. per luch 5 PK on replaces old 	Top Bottom 14 # 6 <sup>(1)</sup> 137 	<pre>n Casting f.6.<sup>11</sup> 123 , give location: nge. ; describe ho</pre>		From To 	
	<ol> <li>Casing Rect Diameter in incluse</li> <li>20</li> <li>4. If above con of Section</li> </ol>	Poun per	(t. per luch 5 PK on replaces old 	Top Bottom 14 • 6." 137 	<pre>n Casting f.6.<sup>11</sup> 123 , give location: nge. ; describe ho</pre>		From         Te	
	<ol> <li>Casing Rect Diameter in incluse</li> <li>20</li> <li>4. If above con of Section</li> </ol>	Poun per	<pre>(t. per luch 5 PK 5 PK on replaces old</pre>	Top Bottom 14 # 6 <sup>(1)</sup> 137 	<pre>n Casting f.6.<sup>11</sup> 123 , give location: nge. ; describe ho</pre>		From         Te	
	<ol> <li>Casing Rect Diameter in incluse</li> <li>20</li> <li>4. If above con of Section</li> </ol>	Poun per	<pre>// per luch // per luch // Ph /</pre>	Top Bottom 14 # 6." 137 	Casting <u>16.1123</u> , <u>183</u> , <u>give</u> location: 		From         Te	

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liepth From	in feut To	Thickness in feot	Description of Farmatian
0	33	3()	Original hand-dur voll.
33	60	22	Sand & gravol.
60	72	12	Sand & gravel. Water.
72	70	7	Sand, gravel 's clay balls.
79	125	40	Sand & gravol. Water.
125	145	20	Clay, with a little gravel.
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The undersigned hereby certifics that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

B. A. Cook, Puttor, B. A. Cook, Puttor, Mistros Valloy Drilling Co. Licensed Well Driller

#### Instructions

This form shall be executed, preferably typewritten, in triplicate and filed with the State Engineer's Office at Roswell, New Mexico, within 10 days after drilling has been completed. Data on water-bearing strata and on all formations encountered should be as complete and accurate as possible.







# WELL RECORD

NSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1
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WR-23

Section 1		(A) Owner of well Clarence Rudiger	
		Street and Number Cotton City	New Mex
		City Animes	State
	i	Well was drilled under Permit No. A=59=A60	and is located in the
			Twp
		(B) Drilling Contractor. Richard Childre	
		Street and Number Cottage San Road	
		- City Silver City	State New Mexico
		Drilling was commenced 4- 20- 66	
		Drilling was completed 4- 30- 66	1966
(Plat o	f 640 acres)		

(Pli

600' 

Section	2		PRINCIPA	L WATER-BEARING STRATA				
No.	Depth in From	n Feet To	Thickness in Feet	Description of Water-Bearing Formation				
2	255''	265'	<u></u>	Sand				
3	475*	510'	35"	Sand Gravel				
4								
5								

Section 3	on 3 RECORD OF CASING									
Dia	Pounds	Pounds Threads		Depth		Type Shoe	Perforations			
in.	ft.	in	Тор	Bottom	Feet	Type Side -	From	То		
	•									
-										
				1						

#### Section 4 RECORD OF MUDDING AND CEMENTING

Jeenon 1									
Depth in Feet From To			No. Sacks of Cement			Metho	ods Used	<u>e</u>	2351
								: .	c
									<u></u>
									2
			1					•	2
Section 5	• .		PLUGGING I	RECO	RD		· · · · · · · · · · · · · · · · · · ·		7:6
Name of Pluggin	ng Contractor					Li	icense No.i		
Street and Numb									
Tons of Clay use									
Plugging method	l used				Date	Plugged			
Plugging approve						t Plugs were			
		Basin Supe	œrvisor	No.		of Plug To	No. of		
FOR U	ise of state en	IGINEER OI	NLY						
Date Received	dJune 21,	1966				- 			
	59-A		L	نی۔۔۔۔ا سیسی	······				
	59-1-A-60-Comb				τ.	Non No	1" 00 1	~ •	-
File No	D£X		USCIrriga	tion.		scation No.		3.23	

Section 6

LOG OF WELL

Depth in From	Feet To	Thickness in Feet	Color	Type of Material Encountered
150'	255*	105"	Gray	Babi Clay
255"	265'	IOI	Gray	Sand
265"	475"	510	10 16	Sand Clay
475*	510*	35"	R No.	Qong.
510"	600"	90"	R+- m+-	Sendy clay
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Tilla Well Driller



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STATE ENGINEER OFFICE

Wells # 13 v

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# WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(A) Owner of well Lee Shannon

		Street and Number	
		City Canutillo State T	exas
		Well was drilled under Permit No. 4-65-A & A-64-Combined and is XXXX 1/4 XXXX 1/4 of Section 7. Twp. 25.8.	located in the
		(B) Drilling ContractorFolk Drilling CoLicense Street and Number	No. WD-95
	<u> </u>	City StateNew	
		Drilling was commenced	19.51
(Plat of 6	40 acres)	Drilling was completed	19.51

(Plat of

State whether well is shallow or artesian <u>artesian</u> Depth to water upon completion <u>110</u>

Section 2

#### PRINCIPAL WATER-BEARING STRATA

No Depth in Feet		Thickness in	Description of Water-Bearing Formation						
From To			Feet						
1	40	48	8	Sand & gravel					
2	120	150	30	Sand & gravel					
3	{								
4									
5		1							

ection 3				RECOR	D OF CAS	SING			
Dia Pounds	Pounds	Threads Depth			174	Twee Shee	Perforations		
in.	ft.	in	Тор	Bottom	Feet	Type Shoe	From	To	
18	32	weld			142	none	45	150	
								·	

Section 4

#### RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter	Tons	Tons No. Sacks of	Methods Used
From	To	Hole in in.	Clay	Cement	Methods Osed
					NECLIVED
					RECEIVE
		<u> </u>			
iection 5				PLUGGING RECORD	ante Sukheere District Office
lame of	Plugging	Contractor			License No.
				-	

Street and Number	City	State	•
Tons of Clay used			
Plugging method used		Date Plugged	19
Plugging approved by:		Cement Plugs were placed as f	ollows:

Plugging approved by:

Basin Supervisor	No.	Depth From	of Plug To	No. of Sacks Used
FOR USE OF STATE ENGINEER ONLY				
Date Received August 3, 1956				
			<u> </u>	
The No A-65-A & A-64-Comt of Use Irrig	ation	T.	ocať v No	25,19.7.344

Section 6
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•••

Depth	in Feet	Thickness	· · · · · · · · · · · · · · · · · · ·	
From	То	in Feet	Color	Type of Material Encountered
0	7	7		Surface soil
<u> </u>	25	18		Clay
25	48	13		Sand & gravel
48	120	72		Clay
120	150			Sand & gravel
	;			
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

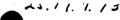
M.L. Jele Well Driller

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H-63-H + H-64-Comt. -5 Form WR-23



STATE ENGINEER OFFICE



# WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

/	(A) Owner of well M. L. Folk	
	Street and NumberRoute 2	
		State New Mexico
	City Animas Well was drilled under Permit No.	A-84-CombS and is located in the
	¼ SW ¼ NW ¼ of Section 7	Twp. 25 8. Rge, 19. W
	(B) Drilling Contractor Jim McBee	License No. WD-81
	Street and Number 414 So. Tenth .	
	City Deming	State New Mexico
	Drilling was commenced	<u>May 1 19 59</u>
	Drilling was completed	Nay 5 19.59

(Plat.of 640 acres)

Elevation at top of casing in feet above sea level\_\_\_\_\_Total depth of well\_\_\_\_\_

State whether well is shallow or artesian\_\_\_\_\_\_Depth to water upon completion\_\_\_\_\_30'

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth From	in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1				
2		·		
3				
4				
5				

Section 3 RECORD OF CASING									
Dia	Pounds	Threads	Depth		Feet	Type Shee	· Perforations		
in.	ft.	in <sup>i</sup>	Тор	Bottom	Feet Type Shoe	Type Supe -	From	То	
16	42.7		0	283	283	homemade	100'	280 '	
-									

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet Diameter		Tons No. Sacks of		Methods Used					
From To	Hole in in.	Clay	Cement						
							•		
								NLS 8561	
			1				0	N 33	
Section 5		· · · · · · · · · · · · · · · · · · ·	PLUGGING			· ·		NOV 1 ENGL	
Name of Pluggin									
Street and Numb	)er		City	/		S	itate		
Tons of Clay use	d	Tons of Ro	oughage used			Type of	roughage.	· <u> </u>	
Plugging method	used				Dat	e Plugged		FT 3 19	
Plugging approve	ed by:		,	1	Cemen	t Plugs wer	e placed a	as follows:	
	•	•.			Depth of Plug				
<b>4</b> ++++++++++++++++++++++++++++++++++++		Basin Sup	ervisor	No.	From	То	No.	of Sacks Used	
	se of state en								
Date Received	November	12, 1959			·	<u> </u>		······································	
							يبد المدينيات		

File No. A-65-A & A-64-Comb.-S Use Irrigation Location No. 25,19.7,133

Section	6

LOG OF WELL



	in Feet	Thickness	Color	Type of Material Encountered		
From	То	in Feet				
0	10	10	black	top soil		
10	50	40	brown	sandy claywater 30'		
50	70	20	brown	Clay		
70	115	45	gray.	sandy clay		
115	120	5	gray	hard shell		
120	245	115	gray & brown	sandy clay & hard shell		
245	283	38	gray.	sandy clay		
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

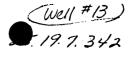
13. Vell Driller





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STATE ENGINEER OFFICE



# WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

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Section	1
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<u> </u>	· · · · ·			(A) Owner of well Folk Brothers		
				Street and NumberRoute 2		
1	1 1			City <u>Animas</u>	State New Mexico	
		;		Well was drilled under Permit No. <u>A-64</u> <u>NE 4 SE 4 SW 4 of Section</u>	and is located	in the
				(B) Drilling ContractorFolk Drillin Street and Number	g Co. License No. WD-	95
	¦		·	CityRodeo		
				Drilling was commenced		
L(1	Plat of 64	0 acres)	L	Drilling was completed		

Elevation at to	op of casing in fe	et above sea	level	Total	depth	of w	ell 305	
State whether	well is shallow	or artesian	Artesian Thating	Depth to	water	upon	completion	30

Section	. 2		PRINC	CIPAL WATER-BEARING STRATA			
No.	Depth in Feet		Thickness in	Description of Water-Bearing Formation			
	From	To	Feet	Severgeon of manual formation			
1	35	40	5	Sand fine gravel			
2	90	95	5	Water gravel			
3	125	135	10	Water gravel			
4	175	265	90	Water sand & gravel			
5		T					

Section 3	an 3 RECORD OF CASING							
Dia Pounds T	Threads	ds Depth			Type Shoe	Perforations		
in.	ft.	in	Тор	Bottom	Feet	Type Suce -	From	То
_16		welded	0	305	305		35	300

Section 4

#### RECORD OF MUDDING AND CEMENTING

Depth in Feet	Diameter	Tons No. Sacks of		Methods Used
From To	Hole in in.	Clay	Cement	
				<u>AUG_3_1956</u>
				reading the state of the state
				state Diglicer: District Off

Section	5
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### PLUGGING RECORD

Name of Plugging Contractor		License	No
Street and Number	City	State	
Tons of Clay used	e used	_Type of roughag	ge
Plugging method used	Date	Plugged	

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Plugging method used...... Plugging approved by:

1. 1.9 <sup>-</sup>

Basin Supervisor

### FOR USE OF STATE ENGINEER ONLY

Date Received August 3, 1956

No.	Depth	of Plug	No. of Sacks Used		
1.0.	From	То	NO. OI SACKE CAEL		
		······································			
		1			

Cement Plugs were placed as follows:

File No. A-64

Section 6

LOG OF WELL



Depth		Thickness	Color	Type of Material Encountered
From	To	in Feet		
0	35	35		Light brown shale
35	40	5		Sand & fine gravel water
40	80	40		Sand gravel clay breaks
80	105	25		Sand gravel
105	175	80		Gravel & clay breaks
175	265	90		Sand & gravel, Water
265	290	25		Clay & sand
290	305	15		Clay & gravel
	}			
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		1		
	-	-		
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

M.L. Zulk

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