T-00211
TRN-408412

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

RECEIVED 2009 MAR 18 PM 4:10 STATE ENGINEER LAS CRUCES, NEW MEXICO

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	OSE FILE NUMBER(S)
T-211	
WELL OWNER NAME(S)	**PHONE (OPTIONAL)**
Tim McGinn - Pistachio Tree Ranch	
WELL OWNER MAILING ADDRESS	**CITY / STATE / ZIP**
7320 US Hwy 70N	Alamogordo / NM / 88310

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	59	0.63	N
	LONGITUDE	105	59	0.39	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS: 100 yards north of old well

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-601	Macario Lueras	Statewide Drilling, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
03/03/2009	03/13/2009	345	400	195

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 185

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
+2	345	14	Steel	Weld	8 5/8	.250	
195	345	14	Perforations	Weld	8 5/8	.250	1/4

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
195	200	5	Red sand	10 - 15
230	240	10	Sand & gravel	40 - 50
270	275	5	Sand & gravel	100+

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)
Air Lift	200

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☑ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	0	50	14	Concrete grout	3 1/2 yards	Poured
	50	345	14	1/2" Natural gravel	15 yards	Poured

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
0	4	4	Packed red clay & gravel	☐ YES ☑ NO
4	25	21	Sandy red clay w/ small gravel	☐ YES ☑ NO
25	35	10	Layers of large gravel in red clay	☐ YES ☑ NO
35	175	140	Red clay & small gravel	☐ YES ☑ NO
175	190	15	Layers of red sand in red clay	☐ YES ☑ NO
190	200	10	Red sand	☑ YES ☐ NO
200	230	30	Red clay	☐ YES ☑ NO
230	240	10	Layers of sand & gravel	☑ YES ☐ NO
240	270	30	Hard red clay & gravel	☐ YES ☑ NO
270	280	10	Layers of sand & gravel	☑ YES ☐ NO
280	310	30	Red clay	☐ YES ☑ NO
310	320	10	Red sand	☐ YES ☑ NO
320	400	80	Red clay	☐ YES ☑ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO

WELL TEST

METHOD: ☐ BAILER ☐ PUMP ☑ AIR LIFT ☐ OTHER – SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Mac Lucas — SIGNATURE OF DRILLER

03/13/2009 — DATE

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Las Cruces Office
1680 HICKORY LOOP, SUITE J
LAS CRUCES, NM 88005

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 408412
File Nbr: T 00211
Well File Nbr: T 00211 POD4

Mar. 26, 2009

PISTACHIO TREE RANCH
7320 US HWY 70 NORTH
ALAMOGORDO, NM 88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

If the pump equipment has been installed on the well, please fill out the attached Proof of Completion of Well form and return it to our office.

Sincerely,

Sarah Rodriguez
(575)524-6161

Enclosure

wellrrcv