



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER
www.oese.state.nm.us

1. GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER)				DEB FILE NUMBER(S) RG 80587								
	WELL OWNER NAME(S) Brazos MDWCA				PHONE (OPTIONAL) (575) 588-0158								
	WELL OWNER MAILING ADDRESS HC 75, Box 181				CITY Chama		STATE NM		ZIP 87520				
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84								
LATITUDE	36	44	31.00 N										
LONGITUDE	106	25	59.00 W	DESCRIPTION RELATIVE WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS									
2. OPTIONAL	(25 ACRE) 1/4		(10 ACRE) 1/4		(40 ACRE) 1/4		(160 ACRE) 1/4		SECTION	JOWNSHIP	RANGE		
										<input type="checkbox"/> NORTH <input type="checkbox"/> SOUTH	<input type="checkbox"/> EAST <input type="checkbox"/> WEST		
	SUBDIVISION NAME				LOT NUMBER 3 & 4		BLOCK NUMBER		PLOT/TRACT				
	HYDROGRAPHIC SURVEY						MAP NUMBER		TRACT NUMBER				
3. DRILLING INFORMATION	LICENSE NUMBER WD-1472		NAME OF LICENSED DRILLER Kevin G. Jones				NAME OF WELL DRILLING COMPANY HydroGeologic Services, Inc.						
	DRILLING STARTED 6/22/2008		DRILLING ENDED 7/27/2009		DEPTH OF COMPLETED WELL (FT) 570		BORE HOLE DEPTH (FT) 605		DEPTH WATER FIRST ENCOUNTERED (FT) 60				
	COMPLETED WELL IS:		<input type="checkbox"/> ARTESIAN		<input type="checkbox"/> DRY HOLE		<input checked="" type="checkbox"/> SHALLOW (UNCONFINED)						
	DRILLING FLUID:		<input checked="" type="checkbox"/> AIR		<input type="checkbox"/> MUD		<input type="checkbox"/> ADDITIVES - SPECIFY:						
	DRILLING METHOD:		<input checked="" type="checkbox"/> ROTARY		<input type="checkbox"/> HAMMER		<input type="checkbox"/> CABLE TOOL		<input type="checkbox"/> OTHER - SPECIFY:				
	DEPTH (FT)		BORE HOLE DIA. (IN)		CASING MATERIAL		CONNECTION TYPE (CASING)		INSIDE DIA. CASING (IN)		CASING WALL THICKNESS (IN)		SLAST SIZE (IN)
	FROM	TO											
	+1.5	190	12.26		SDR-17 PVC	Tight Lock	5.86	.32					
	190	210	12.25		SDR-17 PVC Screen	Tight Lock	5.86	.32				0.032	
	270	370	12.25		SDR-17 PVC Screen	Tight Lock	5.86	.32				0.032	
410	550	12.25		SDR-17 PVC Screen	Tight Lock	5.86	.32				0.032		
4. WATER BEARING STRATA	DEPTH (FT)		THICKNESS (FT)		FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER BEARING CAVITIES OR FRACTURE ZONES)						YIELD (GPM)		
	FROM	TO											
	465	480	75		Red Sandstone						8		
	505	605	100		Red Sandstone						6		
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA Pumped							TOTAL ESTIMATED WELL YIELD (GPM) 12						

FOR USE INTERNAL USE		WELL RECORD & LOG (Version 6/9/88)	
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5. SEAL AND PUMP	TYPE OF PUMP: <input checked="" type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> JET <input type="checkbox"/> NO PUMP - WELL NOT EQUIPPED <input type="checkbox"/> TURBINE <input type="checkbox"/> CYLINDER <input type="checkbox"/> OTHER - SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT)		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
		FROM	TO				
	100	575	12.25	8/12 Gravel Pack	285	Tremie	
	6	100	12.25	Cement/Grout	60	Tremie	

6. GEOLOGIC LOG OF WELL	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?	
	FROM	TO				
		0	240	240	Red Shale (Boulder 0-10') (wet at 60)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		240	260	20	Sandstone Red W/Thin Clay Layer	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		260	270	10	Red Shale	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		270	300	30	Red Sandstone	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		300	335	35	Red Shale	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		335	370	35	Red Sandstone	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		370	405	35	Red Shale	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		405	480	75	Red Sandstone	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		480	505	25	Red Shale	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		505	605	100	Red Sandstone	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
						<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
					<input type="checkbox"/> YES <input type="checkbox"/> NO	
ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL						

7. TEST & ADDITIONAL INFO	WELL TEST	METHOD: <input type="checkbox"/> RAILER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> 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.	
	<i>Bill W. Walsh</i> SIGNATURE OF DRILLER	8-12-09 DATE