

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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NO	OSE POD NO POD 1). (WELI	L NO.)	-,		WELL TAG ID NO. 106B7			OSE FILE NO(S). RG-98740						
OCATI	WELL OWN NM Ranch			, Inc.					PHONE (OPTI	IONAL)	Di				
WELL L	WELL OWN 8 Upham I		LING	ADDRESS	sentane.		CITY T or C		STATE NM	87901	ZIP				
CASING INFORMATION 1. GENERAL AND WELL LOCATION	(FROM GPS)			TUDE	DEGREES MINUTES SECONDS 33 27 41.86 N 106 57 22.59 W				* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84						
	DESCRIPTION	ON REL	ATING	GITUDE G WELL LOCATION TO 4 S9 T10S R01W					SS (SECTION, TO	DWNSHIIP, RANGE) WI	IERE AVAI	3 AVAILABLE			
	LICENSE NO. NAME OF LICENSED WD-578				DRILLER David Mauldin			NAME OF WELL DRILLING COMPANY Mauldin Drilling LLC							
TION	DRILLING STARTED 8/31/2020		D	DRILLING ENDED 9/9/2020	DEPTH OF CO	OMPLETED WELL 393	(FT)	BORE HO	LE DEPTH (FT) 393	T) DEPTH WATER FIRST ENCOUNTERED (FT) 120					
	COMPLETED WELL IS:			ARTESIAN	DRY HO	DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 129					
	DRILLING F	LUID:		AIR	✓ MUD	MUD ADDITIVES – SPECIFY:									
RMA	DRILLING N	1ETHOD	D:	ROTARY	П намме	ER CABL	E TOOL	ОТН	ER – SPECIFY:	. 3		1 12			
G INFO	DEPTH FROM	1	gl)	BORE HOLE DIAM		CASING MATERIAL AND/OR GRADE CASING CONNECTION			CASING INSIDE DIAM.	1	NG WALL	SLOT SIZE			
VISIN		145		(inches)	(include each casing string, and		TYPE oling diameter)	(inches)		nches)	(inches)				
& C	+2	33	33	12.75		Carbon steel	UAT /		Velded	8	na en	.322	TERC I		
DNG	333 393		93	12.75		Stainless steel	del vigeo	V	Velded	8	.250		.050		
2. DRILLING & CASING INFORMA	GONTAN SANKAR		BIG ANGULENCE STORY OF THE REVEN	MATERIAL TERM OF THE PERSON OF		E) KTI	10 YSOD A	M110-21 (124 (123)							
7										- Shift Aren					
ANNULAR MATERIAL	DEPTH (feet bgl) BORE HOLE				LIST ANNULAR SEAL MATERIAL AND			AMOUNT		МЕТНО	METHOD OF				
	FROM TO		DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INT			ERVAL	(cubic feet)		PLACEMENT					
	393			12.75	Pea gravel			25.11 71.5			41				
	24		0	12.75	Bentonite chips			17 sacks	01814-81 A 1115 1						
ANNUL		1995,01 100					fane f		1						
3.4		49.40						3144 14 311		The supplied his		186			
FOT	OGE DIES	DATA :	rian	7,030 AL AR	1 SW		· · · · · · · · · · · · · · · · · · ·		WD	20 WELL BECORD	& I.O.C.(Varsion 04"	30/10)		
	R OSE INTEI E NO.	CNAL	USE			POD	NO.		TRN	20 WELL RECORD NO.	& LUG (v ersion 04/.	30/19)		
	CATION	7		(9)	CLUALIT	TW.			WELL TAG			PAGE	3 1 OF 2		

-	DEPTH (feet bgl)		THICKNESS	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	ESTIMATED YIELD FOR					
	FROM	то	(feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)					
	0	15	15	White clay	Y /N	engine dan					
	15	50	35	Silty clay and fine sand	Y /N	. I cless i					
	50	70	20	Sandstone	Y ✓N	Osworia Markova kate					
	70	85	15	Gray clay and silty sand	Y ✓N						
	85	90	5	Sandstone	Y ✓N	Magdell &					
3	90	122	32	Fractured sandstone and fine sand	✓ Y N	5.00					
	122	135	13	Gray clay mixed with sand	Y ✓N	1347					
10	135	140	5	Silty sand and clay	Y ✓N						
	140	145	5	Fine, silty sand	Y /N						
	145	155	10	Sandstone mixed with clay and silty sand	Y /N						
	155	165	10	Sandstone	Y N						
III DWOGEOFFOOTIC FOO	165	175	10	Silty sand and red, sticky clay	Y /N						
	175	215	40 *	Gray sandy clay	Y ✓N						
	- 215	225	10	Red and gray clay mixed with sand	y ✓n						
	225	235	10	Fractured rock (sandstone?)	Y ✓N						
1	235	245	10	Coarse sand mixed with clay and fractured rock	✓ Y N	5.00					
	245	255	10	Yellow and gray silty clay	Y VN	la organia					
	255	260	5	Silty, sandy clay with fractured rock	Y VN						
1	260	265	5	Clay and silt	Y ✓N						
	265	268	3	Dry clay mixed with coarse sand	✓Y N	15.00					
	268	275	7	Fractured oil shale	Y /N						
	METHOD US	ED TO ES	STIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED						
ilk	021		IR LIFT BAILER OTHER – SPECIFY: WH		WELL YIELD (gpm):	25.00					
4	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.										
LEST; KIG SUPERVISION	MISCELLANEOUS INFORMATION: Total estimated yield is 45 gpm. Supplemental page for hydrogeologic log included.										
J. 1 EG 1,	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE. John Gordon										
	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING. Brendan Tolley April 15, 2021										
o. SIGNATORE	lut	11/10	11	7 XX	•						

LOCATION

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (fe	et bgl)		COLOR AND TYPE OF MA	WATED		ESTIMATED			
	FROM TO		THICKNESS (feet)	INCLUDE WATER-BEARING CA		ES BEARING (YES / NO	3?	YIELD FOR WATER- BEARING ZONES (gpm)		
	275	280	5	Oil shale and clay m	ixed with coarse sand	Y 🗸	N			
	280	285	5	Oil shale mi	xed with clay	Y 🗸	N			
	285	290	5	Fine sand ar	d sticky clay	Y 🗸	N			
	290	292	2	Brown s	ticky clay	Y 🗸	N			
	292	335	43	Fractured rock, oil	shale and silty sand	Y 🗸	N			
ŗ	335	355	20	Sandstone a	and oil shale	Y 🗸	N			
WEL	355	357	2	Thick	k clay	Y 🗸	N			
OF	357	387	30	Fractured sands	one and oil shale	✓ Y	N	20.00		
90	387	393	6	Gray s	ilty clay	Y 🗸	'N			
CL			in the control of the			Y	N			
50°					a page complete pour	Y	N			
EOI						Y	N			
4. HYDROGEOLOGIC LOG OF WELL			Ñ.			Y	N			
IQX						Y	N			
4. H	-				4	Y	N			
						Y	N			
				The state of the s	,	Y	N			
				were the second		Y	N			
		· · · · · · · · · · · · · · · · · · ·				Y	N	X-1-10-10-10-10-10-10-10-10-10-10-10-10-1		
						Y	N			
				No. 1. And the state of the same and the state of the sta	The same of the sa	Y	N			
	T WOMEN OF THE	TED TO E	CONTRACTOR VALUE IN	OF WATER DEADING OTRATA	and the state of t	TOTAL ESTIMAT				
	PUMP			OF WATER-BEARING STRATA: BAILER OTHER – SPECIF	Y:	WELL YIELD (g		20.00		
5. TEST; RIG SUPERVISION	WELL TEST			ACH A COPY OF DATA COLLECTE ME, AND A TABLE SHOWING DISC						
	MISCELLANEOUS INFORMATION: Hydrogeologic log supplemental page. Total estimated well yield approx. 45 gpm.									
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:									
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6. SIGNATURE	RECORD OF		ALSO BE FILED			>=				
	RECORD OF	ORD WILL		R / PRINT SIGNEE NAME		Da	ATE			
.0	RECORD OF	SIGNA		R / PRINT SIGNEE NAME	WP_20 W	77767800000		sion 04/30/2010		
FO	RECORD OF	SIGNA		POD NO.	WR-20 W	D/		sion 04/30/2019		