

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address OWL SWD Operating, Inc. 8214 Westchester Drive Suite 850 Dallas, TX 75225		² OGRID Number 308339
		³ API Number 30-025-42448
⁴ Property Code 314214	⁵ Property Name Madera SWD	⁶ Well No. 001

⁷ Surface Location

UL - Lot N	Section 14	Township 24S	Range 34E	Lot Idn	Feet from 433	N/S Line S	Feet From 1970	E/W Line W	County Lea
----------------------	----------------------	------------------------	---------------------	---------	-------------------------	----------------------	--------------------------	----------------------	----------------------

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	HOBSOCD	E/W Line	County
----------	---------	----------	-------	---------	-----------	----------	----------------	----------	--------

⁹ Pool Information

Pool Name SWD: Devonian	Pool Code 96101
-----------------------------------	---------------------------

FEB 2 2015
RECEIVED

Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3464
¹⁶ Multiple N	¹⁷ Proposed Depth 17000	¹⁸ Formation Devonian	¹⁹ Contractor Unknown	²⁰ Spud Date ASAP
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	20"	16"	75 lb/ft	1,000'	625	SURFACE
Intermediate 1	14-1/2"	13-5/8"	88.2 lb/ft	5,400'	925	SURFACE
<i>P.B.P.</i> Intermediate 2	12"	10-3/4"	65.7 lb/ft	12,000'	1,169	SURFACE
Prod. Liner	9-1/4"	7-5/8"	42.8 lb/ft	11,800'-16,200'	773	11,800'

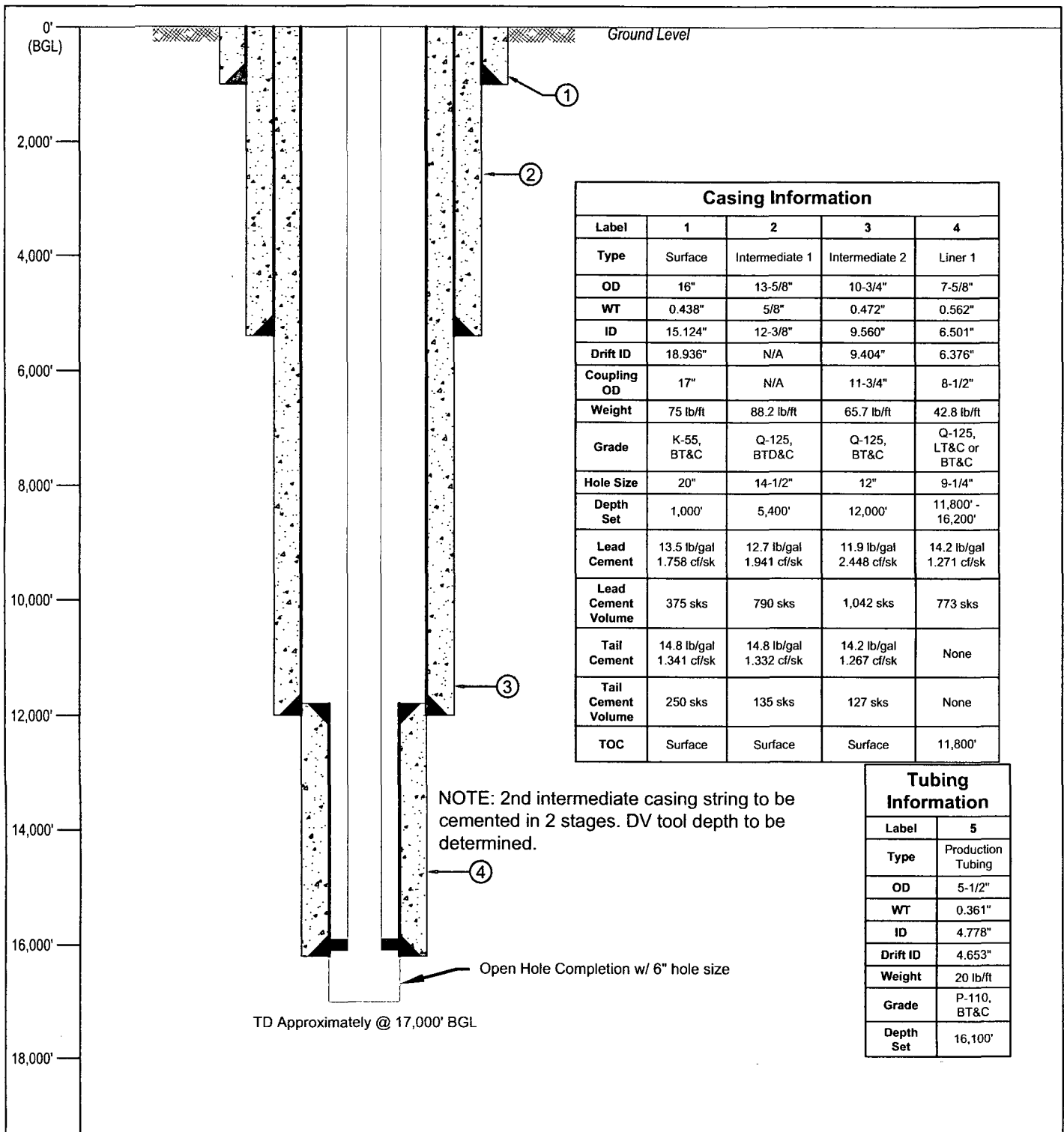
Casing/Cement Program: Additional Comments

²² Proposed Blowout Prevention Program

Type Double Hydraulic	Working Pressure 5000	Test Pressure 5000	Manufacturer Cameron/Schaffer
---------------------------------	---------------------------------	------------------------------	---

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature: <i>Billy E Prichard</i> Printed name: Billy E. Prichard Title: Agent for OWL SWD Operating, L.L.C. E-mail Address: billy@pwllc.net Date: 2/18/15 Phone: 432-934-7680	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approved Date: 02/23/15	Expiration Date: 02/23/17
	See Attached	
Conditions of Approval: Conditions of Approval		

FEB 24 2015



Casing Information				
Label	1	2	3	4
Type	Surface	Intermediate 1	Intermediate 2	Liner 1
OD	16"	13-5/8"	10-3/4"	7-5/8"
WT	0.438"	5/8"	0.472"	0.562"
ID	15.124"	12-3/8"	9.560"	6.501"
Drift ID	18.936"	N/A	9.404"	6.376"
Coupling OD	17"	N/A	11-3/4"	8-1/2"
Weight	75 lb/ft	88.2 lb/ft	65.7 lb/ft	42.8 lb/ft
Grade	K-55, BT&C	Q-125, BTD&C	Q-125, BT&C	Q-125, LT&C or BT&C
Hole Size	20"	14-1/2"	12"	9-1/4"
Depth Set	1,000'	5,400'	12,000'	11,800' - 16,200'
Lead Cement	13.5 lb/gal 1.758 cf/sk	12.7 lb/gal 1.941 cf/sk	11.9 lb/gal 2.448 cf/sk	14.2 lb/gal 1.271 cf/sk
Lead Cement Volume	375 sks	790 sks	1,042 sks	773 sks
Tail Cement	14.8 lb/gal 1.341 cf/sk	14.8 lb/gal 1.332 cf/sk	14.2 lb/gal 1.267 cf/sk	None
Tail Cement Volume	250 sks	135 sks	127 sks	None
TOC	Surface	Surface	Surface	11,800'

Tubing Information	
Label	5
Type	Production Tubing
OD	5-1/2"
WT	0.361"
ID	4.778"
Drift ID	4.653"
Weight	20 lb/ft
Grade	P-110, BT&C
Depth Set	16,100'

NOTE: 2nd intermediate casing string to be cemented in 2 stages. DV tool depth to be determined.

Open Hole Completion w/ 6" hole size

TD Approximately @ 17,000' BGL

	OWL SWD Operating, Inc.	Madera	
	Country: USA	State/Province: New Mexico	County/Parish:
	Survey/STR:	Site:	Status: To Be Drilled
	API No.:	Field:	Ground Elevation:
	Texas License F-8652	State ID No.:	Project No:
3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816	Drawn: MMC	Reviewed: SLP	Approved: SLP
Rev No: 2	Notes:		

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42448	OWL SWD Operating Inc	MADERA SWD # 001

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Will require administrative order for SWD prior to placing the well on injection

Other wells

--	--

Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXXX	SURFACE & INTERMEDIATE(1) CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	LINER 1 - Cement must come to top of liner --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

Completion & Production

XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	Must conduct MIT prior to any injection