

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

HOBBS OCD

MAY 05 2015

RECEIVED

☐ AMENDED REPORT

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

¹ Operator Name and Address OWL SWD Operating, L.L.C. 8214 Westchester Drive Suite 850 Dallas, TX 75225		² OGRID Number 308399 308339
		³ API Number 30-025-42549
⁴ Property Code 314800	⁵ Property Name Woolworth SWD	⁶ Well No. 001

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	11	24S	35E		1310	S	1310	W	Lea

⁸ Proposed Bottom Hole Location

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

⁹ Pool Information

Pool Name	Pool Code
SWD; Delaware	96100

Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3412
¹⁶ Multiple N	¹⁷ Proposed Depth 7600	¹⁸ Formation Delaware	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	17 1/2"	13-5/8"	88.2 lb/ft	900'	745	SURFACE
Intermediate	12-1/4"	10-3/4"	51 lb/ft	5,000'	1110	SURFACE
Production	9"	7-3/4"	46.1 lb/ft	7,600'	1000	SURFACE

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic	3000	3000	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 ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: *Billy E. Prichard*

Printed name: **Billy E. Prichard**

Title: **Agent for OWL SWD Operating**

E-mail Address: **billy@pwlle.net**

OIL CONSERVATION DIVISION

Approved By:

Title: **Petroleum Engineer**

Approved Date: **05/06/15**

Expiration Date: **05/06/17**

See Attached

Conditions of Approval

MAY 07 2015

5/1/15

4329347680

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42549	OWL SWD Operating Inc	WOOLWORTH 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

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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

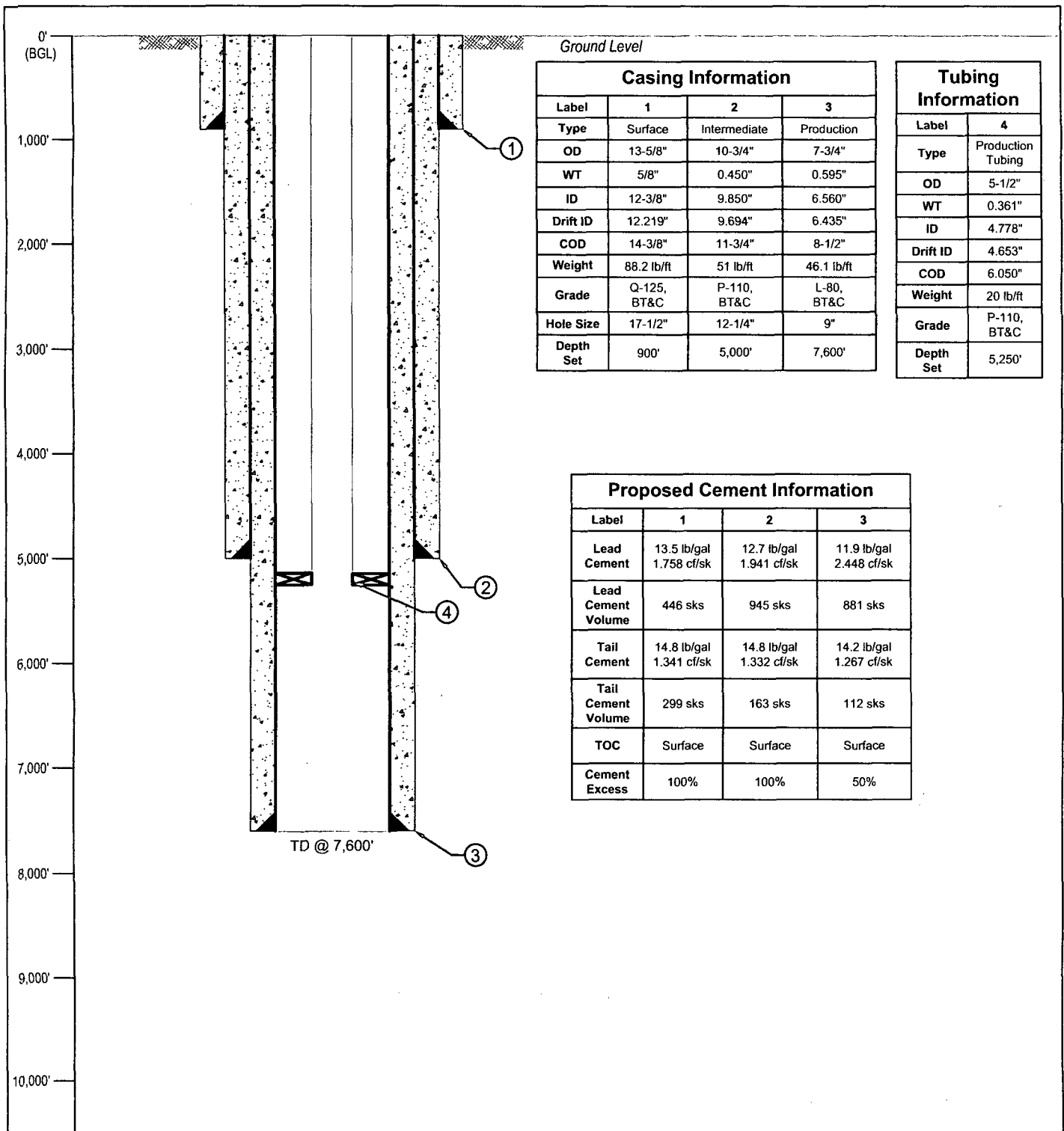
XXXXXXX	SURFACE & INTERMEDIATE(1) CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be 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



Casing Information			
Label	1	2	3
Type	Surface	Intermediate	Production
OD	13-5/8"	10-3/4"	7-3/4"
WT	5/8"	0.450"	0.595"
ID	12-3/8"	9.850"	6.560"
Drift ID	12.219"	9.694"	6.435"
COD	14-3/8"	11-3/4"	8-1/2"
Weight	88.2 lb/ft	51 lb/ft	46.1 lb/ft
Grade	Q-125, BT&C	P-110, BT&C	L-80, BT&C
Hole Size	17-1/2"	12-1/4"	9"
Depth Set	900'	5,000'	7,600'

Tubing Information	
Label	4
Type	Production Tubing
OD	5-1/2"
WT	0.361"
ID	4.778"
Drift ID	4.653"
COD	6.050"
Weight	20 lb/ft
Grade	P-110, BT&C
Depth Set	5,250'

Proposed Cement Information			
Label	1	2	3
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
Lead Cement Volume	446 sks	945 sks	881 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
Tail Cement Volume	299 sks	163 sks	112 sks
TOC	Surface	Surface	Surface
Cement Excess	100%	100%	50%

LONQUIST FIELD SERVICE AUSTIN WICHITA HOUSTON CALGARY Texas License F-8652 3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816	OWL SWD Operating, Inc.		Woolworth Ranch SWD 9-1	
	Country: USA		State/Province: New Mexico	County/Parish: Lea
	Survey/STR:		Site:	Status: To Be Drilled
	API No.:		Field:	Ground Elevation:
	State ID No.:		Project No:	Date: 5/1/15
	Drawn: MMC		Reviewed: SLP	Approved: SLP
	Rev No: 5		Notes:	