

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

Form C-101
Revised July 18, 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBSOCD

AMENDED REPORT

JAN 26 2015

RECEIVED

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 308339
		³ API Number 30-025-42341
⁴ Property Code 313489	⁵ Property Name Kiehne 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
C	21	26S	33E		660	North	1980	West	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 SWD; Devonian-Silurian	Pool Code 97869
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3281'
¹⁶ Multiple N	¹⁷ Proposed Depth 18900	¹⁸ Formation Montoya	¹⁹ Contractor Unknown	²⁰ Spud Date ASAP
Depth to Ground water 120'		Distance from nearest fresh water well 1040'		Distance to nearest surface water 1 mile +

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	26	20	94	920	1500	Surface
Int 1	17 1/2	13 3/8	72	4900	2500	Surface
Int 2	12 1/4	9 5/8	53.5	13200	3000	Surface

Casing/Cement Program: Additional Comments

See enclosures for additional casing, cement data, Drilling Fluid Program

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufac
Double Hydraulic/ Blinds,Pipe	5000	5000	Cameron/

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@pwllc.net

Date: 1/14/15 Phone: 432-934-7680

OIL CONSERVATION DIVISION

Approved By: *[Signature]*

Title: Petroleum Engineer

Approved Date: 01/28/15 Expiration Date: 01/28/17

Conditions of Approval Attached

OIL CONSERVATION DIVISION
CONDITION OF APPROVAL - Approval for drilling / workover ONLY - CANNOT INJECT OR DISPOSAL until the injection/disposal order has been approved by the OCD Santa Fe office.

JAN 29 2015

OWL SWD Operating,L.L.C.

Kiehne SWD # 1

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Liner 1	8 3/8	7 5/8	47	12900-16800	500	12900
Liner 2	6	5 1/2	20	16500-17400	200	16500
OH	4 1/2			17400-18900		

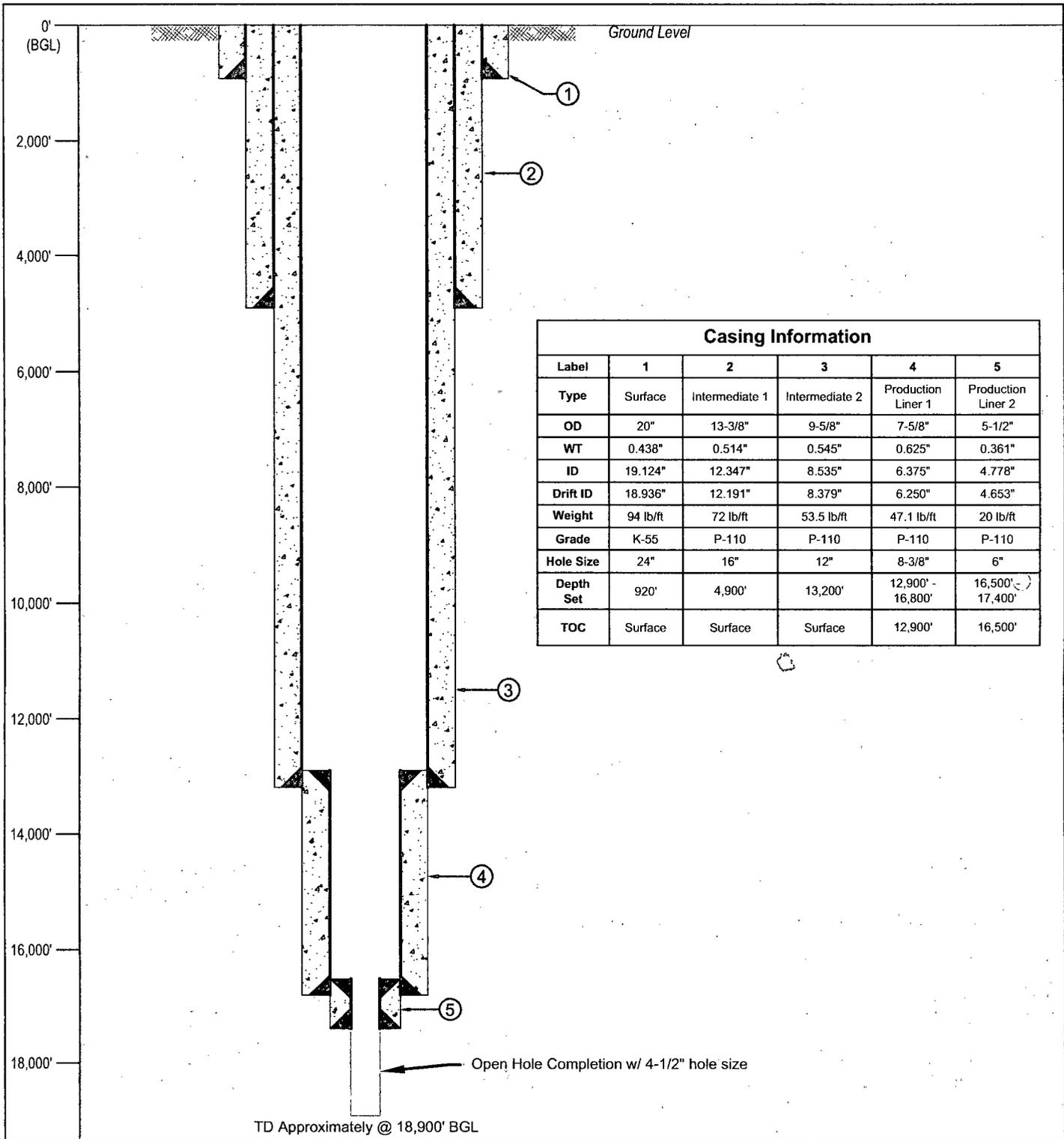
²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/ Blinds,Pipe	5000	5000	Cameron/Schaffer

Above BOP will be used until 9 5/8" casing is set and cemented
10000 psi equipment will be installed prior to drilling
8 3/8"hole

No H2S is expected. H2S monitoring equipment and safety
equipment will be in service after setting of 13 3/8" casing

C102 Previously submitted



Casing Information					
Label	1	2	3	4	5
Type	Surface	Intermediate 1	Intermediate 2	Production Liner 1	Production Liner 2
OD	20"	13-3/8"	9-5/8"	7-5/8"	5-1/2"
WT	0.438"	0.514"	0.545"	0.625"	0.361"
ID	19.124"	12.347"	8.535"	6.375"	4.778"
Drift ID	18.936"	12.191"	8.379"	6.250"	4.653"
Weight	94 lb/ft	72 lb/ft	53.5 lb/ft	47.1 lb/ft	20 lb/ft
Grade	K-55	P-110	P-110	P-110	P-110
Hole Size	24"	16"	12"	8-3/8"	6"
Depth Set	920'	4,900'	13,200'	12,900' - 16,800'	16,500' - 17,400'
TOC	Surface	Surface	Surface	12,900'	16,500'

TD Approximately @ 18,900' BGL

	OWL SWD Operating, Inc		Kiehne Battle Axe - REVISED	
	Country: USA	State/Province: New Mexico	County/Parish:	
Survey/STR:	API No.:	Site:	Status: To Be Drilled	
State ID No.:	Drawn: MMC	Field:	Project No.:	Ground Elevation:
Rev No.: 1	Notes:	Reviewed: SLP	Date: 01/16/2015	
Approved: SLP	3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816			