

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

Form C-101
Revised August 1, 2011

Energy Minerals and Natural Resources

HOBBS OCD

Oil Conservation Division

Permit

OCT 26 2012

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

¹ Operator Name and Address Delaware Water Company, LLC P.O. Box 1224, Jal, NM 88252		² OGRID Number 290484
		³ API Number 30-025-27684
⁴ Property Code 39526	⁵ Property Name Tophat AJQ State	⁶ Well No 001

⁷ Surface Location

UL - Lot H	Section 35	Township 23S	Range 33E	Lot Idn	Feet from 1980	N/S Line N	Feet From 660	E/W Line E	County Lea
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⁸ Pool Information

SWD; Delaware

Additional Well Information

⁹ Work Type Re-entry	¹⁰ Well Type SWD	¹¹ Cable/Rotary Rotary	¹² Lease Type State	¹³ Ground Level Elevation 3639'
¹⁴ Multiple	¹⁵ Proposed Depth PBD 7600'	¹⁶ Formation Delaware	¹⁷ Contractor Undetermined	¹⁸ Spud Date Original: 2/13/1982
Depth to Ground water Unknown		Distance from nearest fresh water well Greater than 2-miles		Distance to nearest surface water More than 2-miles

¹⁹ Original In-Place Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94# K55	650	750	Surface
Intermed	17.5"	13/3/8"	61/68# K55	5255	8400	Surface
Product	12-1/4"	9-5/8"	53.5# S95/P110	12250	3500	Surface
Liner	NR	7"	18#	12106-15272	550	Calc T/liner

Casing/Cement Program: Additional Comments

DO cmt plug sin 9-5/8" to approx. 7800', set CIBP 7700' + 100' cmt tagged. Test csg. Perf (OA) 5353'-7458'. Acidize. 3-1/2" N80 coated approx. 5287'
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Probably Townsend

SWD-1357

I hereby certify that the information given above is true and complete to the best of my knowledge and belief
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature.

Kay Havenor

Printed Kay Havenor

Title: Agent

E-mail Address: KHavenor@georesources.com

Date: 10/25/2012

Phone: 575-626-4518

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Re Entry

OIL CONSERVATION DIVISION

Approved By

E. Gonzalez

Title:

Approved Date:

10-30-2012

Expiration Date:

10-30-2014

Conditions of Approval Attached

OCT 31 2012

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State of New Mexico
HOBBS OGD Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
OCT 26 2012
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT

RECEIVED
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-38309		² Pool Code 96100		³ Pool Name SWD; Delaware	
⁴ Property Code 39526		⁵ Property Name Tophat AJO State			⁶ Well Number 001
⁷ OGRID No. 290484		⁸ Operator Name Delaware Water Co., LLC			⁹ Elevation 3639

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	23S	33E		1980	N	660	E	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

<div style="text-align: center;"> </div>	<div style="text-align: center;"> <p>Original Plat on File</p> </div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p style="text-align: right;">10/25/2012</p> <p><i>Kay C Havenor</i></p> <p>Signature _____ Date _____</p> <p>Kay Havenor</p> <p>Printed Name _____</p> <p>KHavenor@georesources.com</p> <p>E-mail Address _____</p>
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor. _____</p> <p>Certificate Number _____</p>