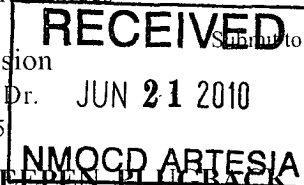


District I
1625 N French Dr., Hobbs, NM 88240
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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

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



Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Mesquite SWD, Inc. P.O. Box 1479, Carlsbad, NM 88221		² OGRID Number 161968
³ Property Code 24734	⁵ Property Name Dorstate SWD	⁴ API Number 30 - 015-23728
⁹ Proposed Pool 1 SWD; DELAWARE 96100		⁶ Well No. 001
¹⁰ Proposed Pool 2		

⁷ 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	27	25S	28E		1980	N	660	E	Eddy

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code SWD	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 2968
¹⁶ Multiple N	¹⁷ Proposed Depth PB 3550'	¹⁸ Formation Delaware	¹⁹ Contractor Cavaloz	²⁰ Spud Date 6/21/2010

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	433	550	Circ
12-1/4	8-5/8	24	2557	1700	Circ
7-5/8	4-1/2	11.6	8000	1050	2316

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

RU NU BOP. PB current SWD Bone Springs 6412'-6770' w/BP @ 6200' plus 10 sxs cement. WOC 2 hrs then tag plug (est: 5970'). Set CIBP @ 3675' w/10 sxs on top. WOC overnight. Tag cement and cleanout to 3550'. Spot 500 gal acid, perf 4-1/2" csg (OA) 2648'-3500' (net 113'). Acid perfs w/4000 gal 15% HCl. Circ hole w/SW. Run 2-3/8" plastic lined tbg w/Lok-Set pkr @ approx 2585'. Circ above pkr and load hole w/inert fluid. Test. Return to disposal.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature: *Kay Havenor*
Printed name: Kay Havenor
Title: Agent
E-mail Address: KHavenor@georesources.com
Date: 6/21/2010 Phone: 575-622-0283

OIL CONSERVATION DIVISION

Approved by

[Signature]

Title

Geologist

Approval Date:

06/28/10

Expiration Date:

06/28/12

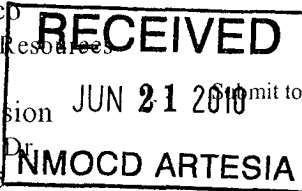
Conditions of Approval Attached ☐

SWD-247-A

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Signature

Kay Havenor

Printed name Kay Havenor

Title Agent

E-mail Address: KHavenor@georesources.com

Date: 6/21/2010

Phone: 575-622-0283

OIL CONSERVATION DIVISION

Approved by.

Title

Approval Date:

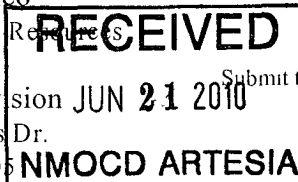
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