

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco. Santa Fe. NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies



AMENDED REPORT

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

<sup>1</sup> Operator Name and Address: Sonat Exploration Co. - Midland 110 W. Louisiana, Suite 500 Midland, Texas 79701		<sup>2</sup> OGRID Number 109487
		<sup>3</sup> API Number 30-015-30226
<sup>4</sup> Property Code 23238	<sup>5</sup> Property Name Mesquite "16" State	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	24 S	31 E		660	NORTH	660	EAST	EDDY

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Poker Lake, Delaware, North S0385					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3486
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8,700'	<sup>18</sup> Formation Delaware	<sup>19</sup> Contractor Peterson	<sup>20</sup> Spud Date 5/11/98

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	11-3/4"	42# WC-40	670'	suff to circ	surface
11"	8-5/8"	24# J55	4,300'	suff to circ	surface
7-7/8"	5-1/2"	17# J55	8,700'	1,350'	3,300'
WOC 18 Hours on Surface, Intermediate casing				BGA	5-8-98

<sup>22</sup> 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.

This proposed well is a Delaware test. B. O. P. sketch is attached.

RECEIVED  
OCD - ARTESIA

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Laura Clepper</i>		OIL CONSERVATION DIVISION	
Printed name: Laura Clepper		Approved by: <i>John W. Green</i>	BGA
Title: Engineering Technician		Title: <i>District Supervisor</i>	
Date: 4/21/98		Approval Date: 4-29-98	Expiration Date: 4-29-99
Phone: 915/684-0433		Conditions of Approval : Attached <input type="checkbox"/>	