

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 of back  
Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

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

1 Operator Name and Address SOUTHWESTERN ENERGY PRODUCTION COMPANY 5151 SAN FELIPE, SUITE 700 HOUSTON, TEXAS 77056-3608		2 OGRID Number 148111
4 Property Code 23784		3 API Number 30-0 15-30421
5 Property Name SHARMU STATE COMM.		6 Well No. #1

#### 7 Surface Location

UL or lot no. K	Section 14	Township 17S	Range 27E	Lot Idn 1980	North/South line SOUTH	East/West Line WEST	County EDDY
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#### 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
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#### 9 Proposed Pool 1

#### 10 Proposed Pool 2

Logan Draw; Morrow 80400	
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11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary ROTARY	14 Lease Type Code S	15 Ground Level Elevation 3469
16 Multiple	17 Proposed Depth 9,700	18 Formation MORROW	19 Contractor	20 Spud Date

#### 21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8 - J-55	32	1500'	940	0
7 7/8	5 1/2 - N-80	17	9700'	400	7400
				Post TD	
				10-9-98	
				API & Loc	

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.

MIRU DRLG. CONTRACTOR. DRL 12 1/4" HOLE TO +/- 1500'. RIH W/ 8 5/8" CASING/HARDWARE & CMT. WOC 18 HRS.

NU CASING HEAD & BOP, TEST TO 5000#.

DRL 7 7/8" PRODUCTION HOLE. LOG & EVALUATE. RIH W/ 5 1/2" CASING/HARDWARE & CMT.

( SURVEY PLAT TO BE DELIVERED TO NMOC )

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 8 5/8" casing

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>John W. Wolf</i> 9-29-98		Approved By: ORIGINAL SIGNED BY TIM W. GUM	
Printed Name: JOHN W. WOLF		Title: DISTRICT II SUPERVISOR	
Title: ENGINEER - CHI OPERATING, INC.		Approval Date: 10-2-98	Expiration Date: 10-2-99

~~SECRET~~

~~SECRET~~

~~SECRET~~

1. The following information is being furnished to you for your information and use only. It is not to be distributed outside your agency or office.

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District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	SHARMU STATE COM	1
OGRID No.	Operator Name	Elevation
	SOUTHWESTERN ENERGY PRODUCTION COMPANY	3469.

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	14	17-S	27-E		1980	SOUTH	2080	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320			

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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature CLIFF MANN Printed Name PRODUCTION FOREMAN Title SEPTEMBER 30, 1998 Date	
	<sup>18</sup> SURVEYOR CERTIFICATION 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.  SEPTEMBER 30, 1998 Date of Survey R. REDDY Signature and Seal of Professional Surveyor: 	