

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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  
May 27, 2004

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, PLUGBACK, OR ADD A ZONE

Operator Name and Address Samson Resources Company 200 N. Loraine Street, Ste 1010 Midland, TX 79701		20165	OGRID Number
Property Code		30-025-20895	API Number
Property Name C. S. Caylor, SR. Estate		Well No. 7	
Proposed Pool 1 Queen		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
E	6	17S	37E		1650	North	330	West	Lea

#### 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 G	13 Cable/Rotary	14 Lease Type Code P	15 Ground Level Elevation 3812
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	20 Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

#### 21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

Dump 35' cmt on top of CIBP set @ 7710'.  
Set CIBP @ 6839. Dump 35' cmt (Plug above Blinbry)  
Set CIBP @ 5960 Dump 35' cmt (Plug above Paddock)  
Set CIBP @ 4568' Dump 35' cmt (Plug above San Andres)  
Perf, acidize and test Queen intervals between 3870-3890 approximately.

No H2S anticipated

*Waiting on NSP for eighty acres. Will begin work to test Queen @ Samson's own risk. If non-productive will TA or PA well. CLO.*

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 the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

#### OIL CONSERVATION DIVISION

Approved by:

*Chris Williams*

Printed name: Kenneth Krawietz

Title:

DEC 26 2006 DISTRICT SUPERVISOR/GENERAL MANAGER

Title: District Engineer

Approval Date:

Expiration Date:

E-mail Address: kkravietz@samson.com

Date: December 21, 2006

Phone: (432) 683-7063

Conditions of Approval Attached

☒

*Need plat for Queen - C102 Chris Williams*

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease: 4 Copies

Federal Lease: 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-20895		<sup>2</sup> Pool Code 80720		<sup>3</sup> Pool Name Lovington (Queen)	
<sup>4</sup> Property Code 16000		<sup>5</sup> Property Name C. S. Caylor Sr Estate			<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 20165		<sup>8</sup> Operator Name Samson Resources Co.			<sup>9</sup> Elevation 3816' GE

<sup>10</sup> Surface Location

UL or lot no. E	Section 6	Township 17S	Range 37E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 330	East/West line East	County Colo
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<sup>11</sup> 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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<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

*NEED NSP - Normal 160 acres.*

<sup>16</sup>	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information was obtained from a working interest or leased mineral interest in the land including the proposed bottom hole location or was a right to drill the 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 or to a forfeiture entered by the division. <i>[Signature]</i> 12/22/2006 Signature Date R. Borditt Printed Name			
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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. Date of Survey Signature and Seal of Professional Surveyor Certificate Number			
Note: If this well is commercial, plans are to file for non-standard proration unit. Form C-102 with surveyor certification dated 1/27/1964 is attached and made part of this Form C-102				