

## 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

<sup>1</sup> Operator Name and Address <b>Samson Resources Company</b> 200 N. Loraine Street, Ste 1010 Midland, TX 79701		<sup>2</sup> OGRID Number 20165
		<sup>3</sup> API Number 30-025-30459
<sup>3</sup> Property Code <b>36857</b>	<sup>3</sup> Property Name Chiso D <del>87410</del>	<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Ojo Chiso, Morrow		<sup>10</sup> Proposed Pool 2 Ojo Chiso, Atoka

<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
K	23	22S	34E		1980	South	2310	West	Lea

<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

## Additional Well Information

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3447
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 13375	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 9/20/1988
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"/> <b>NONE</b> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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

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

<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.

Weld on 10 3/4" x 11" 5000 casing head

NU 5000 x 10000 tubing head. NU BOP 10k.

Drill out cement plugs - CIBP @ 10750' CIBP @ 11850'. Squeeze existing Strawn perfs if necessary.

Drill out CIBP's @ 12740' and 12780'. Squeeze existing Morrow perfs.

GIH w/pkr. Perf Morrow (13084' - 13318'). Acdz. Flow test.

If not commercial, Perf Morrow (12888' - 12896'). If not commercial, set CIBP @ 12800'. Dump 350 cmt cap

GIH w/pkr. Perf Atoka selectfire (12068' - 12668').

Acidize.

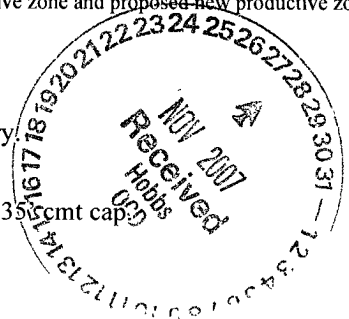
Flow test.

No H2S present.

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Re-Entry



<sup>23</sup> 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.

Title:

OC FIELD REPRESENTATIVE 11/5/07

Approval Date:

DEC 04 2007

Expiration Date

Printed name Ken Krawietz

Title District Engineer

E-mail Address. kkrawietz@samson.com

Date: 11/16/2007

Phone (432) 683-7063

Conditions of Approval Attached ☐

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State of New Mexico  
Energy, Minerals & 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  
Fee Lease - 3 Copies  
☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-30459	<sup>2</sup> Pool Code 81960	<sup>3</sup> Pool Name Ojo Chiso;Morrow
<sup>4</sup> Property Code 36857	<sup>5</sup> Property Name Chiso D	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 20165	<sup>8</sup> Operator Name Samson Resources Co.	<sup>9</sup> Elevation 3447'

**<sup>10</sup> Surface Location**

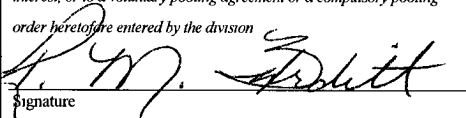

UL or lot no. K	Section 23	Township 22S	Range 34E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 2310	East/West line West	County Lea
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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> <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 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  Signature R. M. Burditt Printed Name November 26, 2007 Date		
	<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		

16				<div data-bbox="1053 1004 1520 1383"><p>17 <b>OPERATOR CERTIFICATION</b></p><p><i>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</i></p><div data-bbox="1053 1206 1520 1323"><div></div><div>Signature</div></div><div data-bbox="1053 1342 1520 1383"><div>R. M. Burditt</div><div>November 26, 2007</div><div>Printed Name</div><div>Date</div></div></div>
<div data-bbox="79 1485 313 1962"><div>2310'</div><div></div><div>1980'</div></div>				<div data-bbox="1053 1491 1520 1953"><p>18 <b>SURVEYOR CERTIFICATION</b></p><p><i>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</i></p><div data-bbox="1053 1706 1520 1736"><div>Date of Survey</div></div><div data-bbox="1053 1747 1520 1776"><div>Signature and Seal of Professional Surveyor.</div></div><div data-bbox="1053 1923 1520 1953"><div>Certificate Number</div></div></div>