

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

¹ Operator Name and Address Samson Resources Company 200 N. Lorraine Street, Ste 1010 Midland, TX 79701		² OGRID Number 20165
		³ API Number 30-025-37863
⁴ Property Code 35083	⁵ Property Name Eagle 2 State	⁶ Well No. 002
⁹ Proposed Pool 1 Lea; Bone Spring		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. L	Section 2	Township 20S	Range 34E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line West	County Lea
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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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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3670'
¹⁶ Multiple N	¹⁷ Proposed Depth	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 6/13/2007
Depth to Groundwater 100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 20000 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.

Set CIBP @ 13146'. Test to 1000 psi. Dump 35' cmt.
Perf, acidize, frac and test Bone Spring intervals between 9541'-10934' approximately.

No H2S anticipated

Permit Expires 2 Year From Approval
Date Unless Drilling Underway
Plugback

RECEIVED

JAN 11 2008

HOBBS OCD

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 ☐.

Printed name: Kenny Krawietz

Title: District Engineer

E-mail Address: kkrawietz@samson.com

Date: January 7, 2008

Phone: (432) 683-7063

OIL CONSERVATION DIVISION

Approved by:

Title: **OC DISTRICT SUPERVISOR/GENERAL MANAGER**

Approval Date: **JAN 15 2008** Expiration Date:

Conditions of Approval Attached ☐

State of New Mexico

DISTRICT I

1626 N. FRENCH DR., ROBBES, NM 88240

Energy, Minerals and Natural Resources Department.

Form C-102

Revised October 12, 2005

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

1220 SOUTH ST. FRANCIS DR.

State Lease - 4 Copies

Santa Fe, New Mexico 87505

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37863	Pool Code 37570	Pool Name Lea; Bone Spring
Property Code 35083	Property Name EAGLE 2 STATE	Well Number 2
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3670'

Surface Location

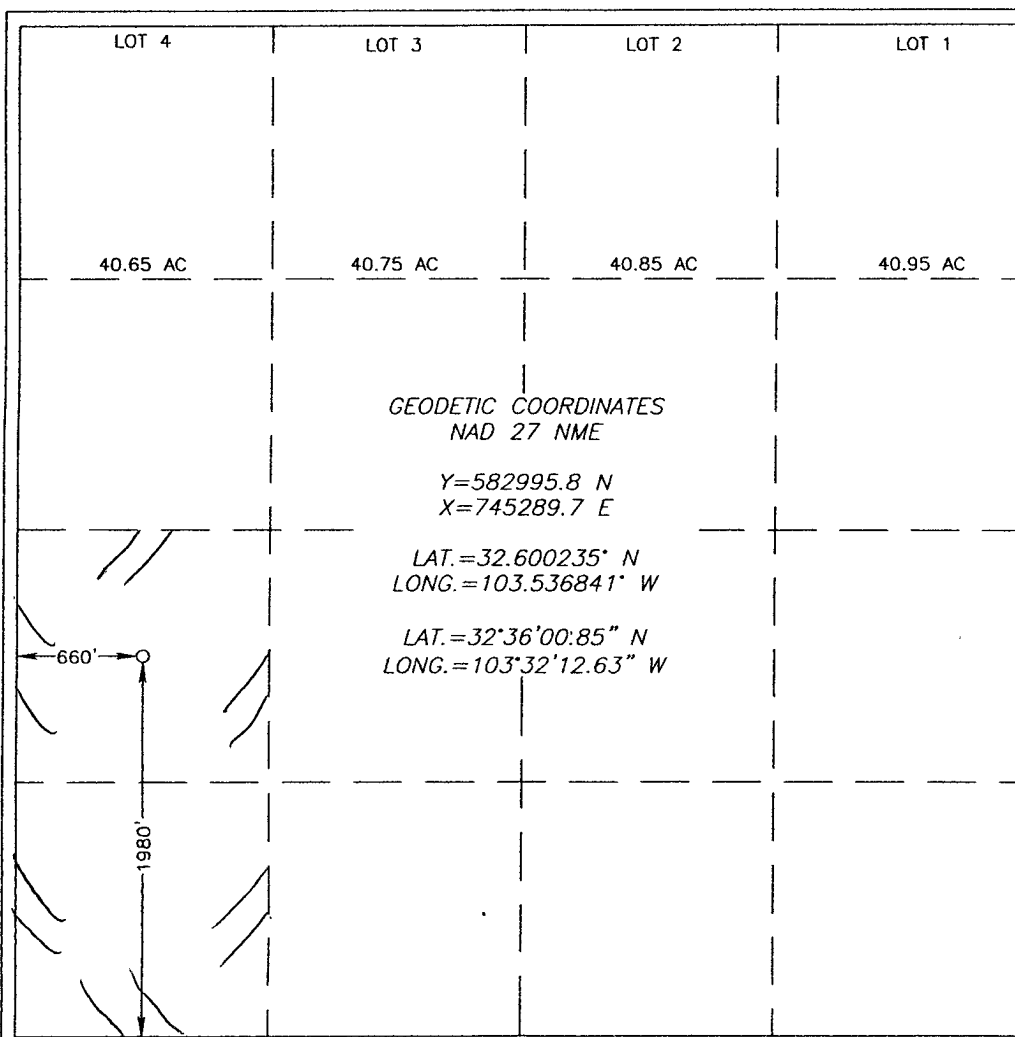
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	2	20-S	34-E		1980	SOUTH	660	WEST	LEA

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

Dedicated Acres 80	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *R. Burditt* Date: 1/7/2008
Printed Name: R. Burditt

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.

APRIL 2, 2007
Date Surveyed: JR
Signature & Seal of Professional Surveyor: *GARY EIDSON* 4/20/07
07/11:0426

Certificate No. GARY EIDSON 12841



Centennial Tower
200 N. Loraine, Suite 1010
Midland, TX 79701
USA
432/683-7063
Fax 432/683-6847

January 10, 2008

State of New Mexico
District I
1625 N. French Dr.
Hobbs, NM 88240

RE: Eagle 2 State #2
30-025-37863
Lea County, NM

RECEIVED

JAN 11 2008

HOBBS OCD

Ladies/Gentlemen:

Application to plug back to Bone Spring in the referenced well is enclosed. Please expedite the approval process due to rig availability.

If you have further questions, please contact the engineer on this project, Mr. Ken Krawietz, (432) 683-7063.

Sincerely,

A handwritten signature in cursive script, appearing to read 'R. M. Burditt'.

R. M. Burditt
Sr. Engineering Tech

Enc.