

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

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APR 15 2010

HOBBSOCD

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16 2000

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 Co Two West Second St Tulsa, OK 74103		OGRID Number 20165
Property Code		API Number 30 - 025 - 000 73
Property Name Mescalero Springs 29 State		Well No 1
Proposed Pool 1		Proposed Pool 2

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	29	11S	32E		1131	North	660	East	Lea

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

Work Type Code New	Well Type Code Gas	Cable/Rotary Rotary	Lease Type Code State	Ground Level Elevation 4405.8
Multiple No	Proposed Depth 11,500'	Formation Morrow	Contractor	Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	13.375	48	400	400	0
12.25	8.625	36	3700	970	0
8.75	5.5	20	11500	Per Calmer	Cover hydrocarbon zones

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.

See Following Sheets

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature.

Printed name TERESA GLOVER LAMAR

Title SURFACE LANDMAN

E-mail Address. tlamar@samson.com

Date 4/15/10

Phone. 432 288 0333

OIL CONSERVATION DIVISION

Approved by:

Denied

Title

App

Con

DENIED BY Oil Conservation Division
On 4/19/10 see attached letter
APD Reviewed by dm VA
For more information on this matter, please call
Donna Mull @ (575) 393-6161 ext 115 or
email donna.mull@state.nm.us

DENIED because of Financial assurance per Rule 19.15.5.9.(A)(1).

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT I
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1301 F GRAND AVENUE, ARTESTA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name MESCALERO SPRINGS 29 STATE	Well Number 1
OGRID No.	Operator Name SAMSON RESOURCES CO.	Elevation 4406'

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	29	11-S	32-E		1311	NORTH	660	EAST	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 <i>7.70</i>	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

GEODETTIC COORDINATE'S
NAD 27 NME

Y 851898 3 N
X-683458 7 E

LAT = 33.340433° N
LONG = 103.733277° W

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 _____ Date _____

Printed Name _____

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.

MARCH 18, 2010

Date Surveyed _____

Signature of G. ENDSON 4/8/10

Professional Seal of G. ENDSON

10.11.0375

Certified Professional Surveyor 3239



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

MESCALERO SPRINGS 29 STATE #1

CLOSED LOOP DRILLING SYSTEM

Proposed Program

Samson proposes to drill the Morrow Formation. Approximately 400' of surface casing will be set / cemented. If commercial, production casing will be run / cemented. Will perforate / stimulate as needed for production.

Mud Program

0 – 400'	Spud Mud
400' – 1500'	Freshwater
1500' – 3700'	Brine
3700' – 7200'	Freshwater / Cut Brine
7200' – TD	Freshwater / Cut Brine / Polymer

