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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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, 2008

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	[2] OGRID Number
SandRidge E&P LLC 123 Robert S Kerr Avenue OKC OK 73102-6406	270265
	[3] API Number 30 – 025-33201

[3] Property Code	[5] Property Name	[6] Well No.
306907	Caprock Maljamar Unit	209

[9] Proposed Pool 1	[10] Proposed Pool 2
~~Wildcat~~ / ~~Pearsall~~ Yates / Seven Rivers / Queen	PEARSALL; QUEEN

[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
N	20	17S	33E		949	S	1700	W	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	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
A	O	R	State	4135
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
	4900	Yates / Seven Rivers / Queen		

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
ON FILE					
NO CHANGE					

[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.

Well was originally completed in the Maljamar;Grayburg-San Andres. It is proposed to add the Yates, Seven Rivers, and Queen formations and downhole commingle as per the attached procedure.

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Yates, Seven Rivers, Queen not part of Caprock Maljamar Unit. Operator will have to rename property to produce from these zones.

Oil Conservation Division

Conditions of approval : Approval for drilling/workover ONLY--- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

[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: Terri Stathem	Approved by:	
Printed name: Terri Stathem	Title: PETROLEUM ENGINEER	
Title: Regulatory Manager	Approval Date: DEC 01 2010	Expiration Date:
E-mail Address: tstathem@sdrge.com 7/27/10 405·429·5682		

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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 July 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-33201	~~97827~~ / 49970	Wildcat; Yates, 7 Rvrs, ~~Queen~~ / Pearsall

[4] Property Code	[5] Property Name	[6] Well Number
14578	Caprock Maljamar Unit	209

[7] OGRID No.	[8] Operator Name	[9] Elevation
270265	Sandridge Exploration and Production, LLC	4135

[10] Surface Location

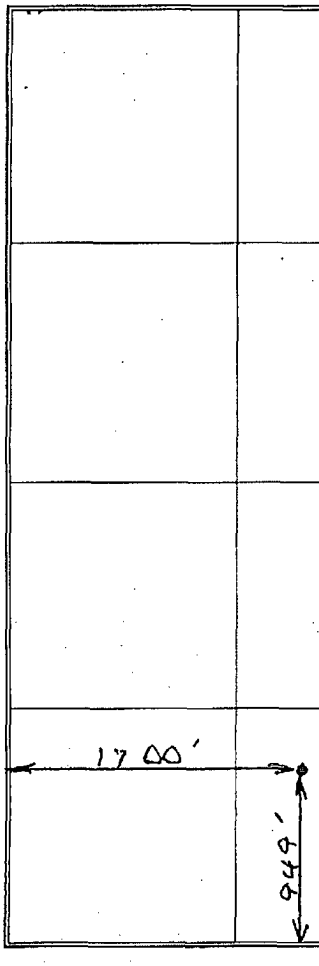
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17S	33E		949	South	1700	West	Lea

[11] 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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

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.



[17] OPERATOR CERTIFICATION

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.

Donald W Tally Jr. 7/23/10
Signature Date

Donald W. Tally, Jr.
Printed Name

dtally@sdrge.com
E-mail Address

[18] 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.

11/20/1995
Date of Survey

Signature and Seal of Professional Surveyor:

P. R. Patton - 8112
Certificate Number

SandRidge ENERGY

SandRidge Tertiary, LLC

6 Desta Drive. Suite 6300 • Midland, TX 79705 • Phone 432.687.4242 • Fax 432.687.4244 • sandridgenergy.com

Caprock Maljamar Unit #209
API # 30-025-33201

Clean out and Acidize Current Perforations Procedure

Procedure:

1) Hot water tubing 48 hrs prior to beginning work.
2) Test Anchors
3) Blow down any pressure on well to VAC Truck
4) MIRU service unit
5) RU and pull rods and pump
6) ND Wellhead and NU BOP
7) Release Anchor and pull tubing.
8) PU Bit and RIH to tag up (PBTD – 4620').
9) Tally out of hole and determine if reverse unit need to clean out.
10) If necessary, MIRU Reverse Unit and proceed. If not needed, skip to Step No. 16.
11) PU 4 ¾" bit on 6 – 3 ¼" drill collars on tubing.
12) RIH to top of fill.
13) Break circulation and drill / circulate hole clean to 4620'.
14) At +/- 4620, circulate until water cleans up.
15) Pull tubing and laydown tools.
16) RDMO Reverse Unit.
17) Pick up Treating Packer and RBP on Workstring.
18) Hydro Test tubing in hole.
19) Straddle perfs 4442-4495.
20) Rig up Acid Company with 3000 gallons 15% NEFE Anti-Sludge Hydrochloric Acid containing H_2S scavenger for 5000 ppm H_2S and 1% by volume MiCellar Solvent.
21) Acidize Perfs 4442-4495 with 1000 gallons

CMU #209 Acidize Procedure.Doc

22) Flow back until well dies.

23) Release packer and retrieve RBP

24) Pull and straddle perfs 4389-4408

25) Acidize with 500 gallons

26) Flow back until well dies.

27) Release packer and retrieve RBP

28) Pull and straddle perfs 4121-4310

29) Acidize with 1500 gallons

30) Flow back until well dies.

31) Release packer and retrieve RBP.

32) Move RBP back below 4651.

33) Swab Back remaining Acid Load.

34) Release packer and retrieve RBP

35) Pull up and set RBP @ 4000'

36) Pull and lay down packer

37) RU wireline and perforate Lwr Yates, Seven Rivers & Queen (2 JSPF):

2796	- 2798	5 holes	
2853	- 2857	9	Reference Log:
2892	- 2895	7	Halliburton Spectral Density / Dual Spaced
2922	- 2926	9	Neutron Log
2942	- 2949	15	Dated: 1/15/1996
2954	- 2956	5	
2968	- 2970	5	
2978	- 2980	5	
3046	- 3048	5	
3069	- 3076	15	
3118	- 3120	5	
3170	- 3172	5	
3182	- 3185	7	
3199	- 3205	13	
3219	- 3222	7	
3286	- 3289	7	
3348	- 3350	5	
3379	- 3388	19	
3411	- 3416	11	
3528	- 3530	5	
3546	- 3549	7	
3552	- 3555	7	
3601	- 3618	35	

Total 213 Holes

38) PU RBP & packer on tubing.

39) RIH and straddle perfs 3528-3618

40) RU Acid company with 5500 gallons 15% Anti-Sludge NEFE HCl containing H_2S Scavenger for 5000 ppm H_2S and 1% by Volume MiCellar Solvent.

41) Acidize perfs with 1500 gallons

42) Flow back until well dies

43) Release packer and retrieve RBP

44) Pull up and straddle perfs 3286-3416.

45) Acidize perfs with 1000 gallons.

46) Flow back until well dies

47) Release packer and retrieve RBP

48) Pull up and straddle perfs 3046-3222

49) Acidize perfs with 1500 gallons.

50) Flow back until well dies

51) Release packer and retrieve RBP

52) Pull up and straddle perfs 2796-2980

53) Acidize perfs with 1500 gallons.

54) Flow back until well dies

55) Release packer and retrieve RBP

56) Move RBP back below 3600'.

57) Pull up and set packer above 2750'

58) Swab remainder of load.

59) Release packer and retrieve RBP.

60) Pull and lay down tools.

61) Run in with retrieving head and release RBP @ 4000'.

62) Pull and lay down workstring and tools.

63) Re-run production equipment

64) Hang well on and test.

65) As soon as well stabilized, perform scale squeeze.

Pending swab results in Step #70, Midland may want to place Queen / Seven Rivers on production for a short production test prior to pulling plug above Grayburg.