

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., 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-103  
October 13, 2009

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

MAY 19 2011

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-28683
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease Fee
2. Name of Operator SandRidge E&P, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 123 Robert S. Kerr Ave, OKC OK 73102-6406		7. Lease Name or Unit Agreement Name Seven Rivers Queen Unit
4. Well Location Unit Letter <u>K</u> : <u>1555</u> feet from the <u>S</u> line and <u>2480</u> feet from the <u>W</u> line Section <u>34</u> Township <u>22S</u> Range <u>36E</u> NMPM LEA County		8. Well Number <u>62</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <u>270265</u>
		10. Pool name or Wildcat Eunice;Seven Rivers Queen, South (24130)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A  
CASING/CEMENT JOB ☐

OTHER

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SandRidge E&P, LLC, respectfully requests to plug and abandon the subject well as per the attached procedure. MIT run April 12, 2011, was unsuccessful. (Reference LOV dated 5-13-11). NMOCD will be notified prior to commencement of plugging operations.

The Oil Conservation Division Must be notified  
24 hours prior to the beginning of plugging operations.

Spud Date:

Rig Release Date:

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

SIGNATURE Karen Sharp TITLE Sr. Regulatory Analyst DATE 05/16/2011

Type or print name Karen Sharp E-mail address: ksharp@sandridgeenergy.com PHONE: 405-429-5745

For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR DATE 5-19-2011

Conditions of Approval (if any):

**Well name: Seven Rivers Queen Unit #62**

Project: P&A well  
 Field: Seven Rivers  
 State, County: Lea, New Mexico  
 Location: Sec. 34, T22S R36E  
 TD: 3,903'  
 PBTD: 3,863'  
 TOC: 1,085'  
 KB: 3,501' 2' KB  
 GL: 3,499'  
 Misc info: 5.5"x OH annular Fluid  
 5.5" csg fluid  
 BHT 105  
 Perfs 2748' - 3411'



Engineer: Aaron Cattley  
 Office: 405-429-6342 Cell: 405-426-2292 acattley@sdrge.com

ITEM	OD (in)	Weight (ppf)	ID (in)	Drift (in)	GRADE	THD	TOP	BTM	# JTS	BIT SIZE	DEPTH	Burst (psig)	Collapse (psig)	Capacity (bbl/ft)
CSG	8 5/8"	24.0	8.097"	7.972"	K-55	LT & C	0'	333'	41	0.000"	333'	2,950	1,370	0.07230
CSG	5 1/2"	14.0	5.012"	4.887"	K-55	LT & C	0'	3,893'	0	0.000"	3,893'	4,270	3,120	0.02320
TBG	2 3/8"	4.6	1.995"	1.901"	J-55, IPC	EUE						6,770	7,190	0.00405

Maximum allowable pressure is 75% of CSG burst: 3,203 psig

1) Have 4300' of used 2-3/8" 4.6# Flush joint tubing delivered to location. Set 2 frac tanks full of fresh water to be used for cementing and another empty frac tank to be used for flowback. MIRU WSU and NU BOP.

2) MIRU WSU and Reverse Unit. ND WH NU BOP. RIH w/ 3,600' of 2-3/8" 4.6 ppf, N-80, EUE workstring, casing scraper and 6 2-3/8" collars and clean well down to ~3,576' and tag CIBP. Circ hole clean for at least 1 hr using 2% KCl Substitute. POOH and lay down string mill. RD Reverse unit.

3) POOH w/ casing scraper and RD Reverse Unit. *WS/MLF 1. SPOT 25 SX CMT @ 2800'*

4) MIRU Plugging company spot the following plugs:

Plug depth	# sx cement	Cement vol	Displacement
2. 950'-1200'	50	10 bbls	35 bbls (Perf and squeeze, PUH 300', reverse out cement, WOC, and then tag plug)
635'-735'	25	5 bbls	8.5 bbls Perf and squeeze, WOC and tag
200'-400'	50	10 bbls	35 bbls. Perf and squeeze, WOC and tag plug
0'-60'	10-25	2-5 bbls	Perf and Squeeze. Cmt to surface

\* NOTE: TRRC rules state that you must tag the bottom water board plug which would be at 1500' for this procedure.

After setting any of the above plugs it is necessary to pull 300' above the top of the plug and reverse circulate all cement out of the tubing.

- Release cementers, ND BOP, and RDMO WSU. Return all tubing to pipe yard.
- Clean location and surrounding area of all non-natural debris and equipment in preparation to return location to natural grade and condition.
- Perform dirt work as necessary to return location to natural grade.
- Move all equipment off of location, remove lease sign, and submit form W-3 to TRRC. Place dry hole marker on location.

Proposed

Plug #3  
0'-60"

333' ✓

Plug #2  
200'-400"

Plug #2  
635'-735"

TOC 1085'  
Plug #1  
850'-1200"

~~4571~~

K280

CIBP 3576'  
w/ 35' cmt

3,650'

3,784'

TD @ 3903'

WELL NAME: API NO: WI: NRI: Corp ID:						Seven Rivers Queen Unit #62 30-025-28683 71.13170% 56.47700% 109168							SPOT: LOCATION: FIELD: COUNTY: STATE:				1555' FSL & 2480 FWL Sec. 34, T2S R3E Seven Rivers Lea New Mexico				ZONE: Queen/San Andres ELEVATION: 3,499' KB: 3,501' TD: 3,903' PBDT: 3,863'				OPERATOR: SandRidge Energy SPUD DATE: RR DATE: MICU: COMPL DATE:			
																			CEMENT & HOLE DATA									
CSG	OD	WT/FT	THD	GRADE	TOP	BTM	# JTS	BIT SIZE	DEPTH	SXS	TYPE						TOC											
Cond																												
Surface	8 5/8"	24.0	LT & C	K-55	00'	333'			333'	200							Surface											
Prod	5 1/2"	14.0	LT & C	K-55	00'	3,693'			3,693'								1,085'											
Well tools:																												
WELL HISTORY																												
DATE		WORK DETAIL														PROD. RESULTS												
Drilling Notations:																												
Stimulation Treatment																												
Date	Zone	Sand (klbs)	Fluid (bbbls)	Total Fluid Type (Pad/Prepad/Frac/Flush)	Prop Type	AIR(bpm)	MTP	DATE	TOP	BTM	Total Ft	SPF/Holes	ZONE	Status														
									3,650'	3,784'	134'	1	Queen	Inactive														
Frac Job Remarks (Screenouts or problems in Frac job):																												
BS																												
Remarks:																												
Downhole Jewelry																												
Length	Depth	Description	ID (in)	Drift (in)	Grade	Collapse* (psig)	Burst* (psig)	Tensile* (lbs)																				
		Material (Halliburton Handbook)																										
		8 5/8", 24 ppf, K-55, LT & C	8.097	7.972	K-55	1,370	2,950	244,000																				
		5 1/2", 14 ppf, K-55, LT & C	5.012	4.887	K-55	3,120	4,270	222,000																				
REMARKS									Packers Detail:																			
									ENGINEER: Aaron Cattley																			
									GEOLOGIST:																			
									LANDMAN:																			
									PREPARED BY: Aaron Cattley																			
									UPDATED: 5/17/2011																			
SandRIDGE ENERGY																												

## WELLBORE SCHEMATIC

Current

<b>WELL NAME:</b> Seven Rivers Queen Unit #62				<b>SPOT:</b> 1555' FSL & 2480 FWL				<b>ZONE:</b> Queen/San Andres				<b>OPERATOR:</b> SandRidge Energy			
<b>API NO:</b> 30-025-28883				<b>LOCATION:</b> Sec. 34, T22S R39E				<b>ELEVATION:</b> 3,489'				<b>SPUD DATE:</b>			
<b>WI:</b> 71.13170%				<b>FIELD:</b> Seven Rivers				<b>KB:</b> 3,501'				<b>RR DATE:</b>			
<b>NRI:</b> 56.47700%				<b>COUNTY:</b> Lea				<b>TD:</b> 3,903'				<b>MICU:</b>			
<b>Corp ID:</b> 109168				<b>STATE:</b> New Mexico				<b>PBTD:</b> 3,863'				<b>COMPL DATE:</b>			

PIPE RECORD										CEMENT & HOLE DATA			
CSG	OD	WT/FT	THD	GRADE	TOP	BTM	# JTS	BIT SIZE	DEPTH	SXS	TYPE	TOC	
Cond													
Surface	8 5/8"	24.0	LT & C	K-55	00'	333'			333'	200		Surface	
Prod	5 1/2"	14.0	LT & C	K-55	00'	3,893'			3,893'			1,085'	

Well tools:

WELL HISTORY		PROD. RESULTS
DATE	WORK DETAIL	

**Drilling Notations:**

Stimulation Treatment								PERFORATION HISTORY					Status	
Date	Zone	Sand (klbs)	Fluid (bbls)	Total Fluid Type (Pad/Prepad/Frac/Flush)	Prop Type	AIR(bpm)	MTP	DATE	TOP	BTM	Total Ft	SPF/holes	ZONE	
									3,650'	3,784'	134'	1	Queen	Inactive

Frac Job Remarks (Screenouts or problems in Frac job):

CIBP Record				
Date	Depth	Type	Date Removed	Notes

Remarks:


  

Downhole Jewelry			TUBULAR GOODS PERFORMANCE						
Length	Depth	Description	Material (Halliburton Handbook)	ID (in)	Drift (in)	Grade	Collapse* (psig)	Burst* (psig)	Tensile* (lbs)
			8 5/8", 24 ppf, K-55, LT & C	8.097	7.972	K-55	1,370	2,950	244,000
			5 1/2", 14 ppf, K-55, LT & C	4.000	3.875	K-55	4,960	5,350	184,000
			* Safety Factor Not Included						

REMARKS

Packer Detail:

ENGINEER: Aaron Cattley  
 GEOLOGIST:  
 LANDMAN:  
 PREPARED BY: Aaron Cattley  
 PREPARED DATE: 5/17/2011  
 UPDATED:  
 UPDATED:



333'

TOC 1085'

CIBP 3576'  
w/ 35' cmt

3,650'

3,784'

TD @ 3903'