



This Form must be Typed
Form must be Signed
All blanks must be Filled

WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,
MUST be submitted with this form.

OPERATOR: License #: _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____

API No. 15 - _____
If pre 1967, supply original completion date: _____
Spot Description: _____
____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
____ Feet from North / South Line of Section
____ Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: _____
Lease Name: _____ Well #: _____

Check One: Oil Well Gas Well OG D&A Cathodic Water Supply Well Other: _____
 SWD Permit #: _____ ENHR Permit #: _____ Gas Storage Permit #: _____

Conductor Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Surface Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Production Casing Size: _____ Set at: _____ Cemented with: _____ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: _____ (G.L. / K.B.) T.D.: _____ PBTD: _____ Anhydrite Depth: _____
(Stone Corral Formation)

Condition of Well: Good Poor Junk in Hole Casing Leak at: _____
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application? Yes No Is ACO-1 filed? Yes No

If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: _____
Address: _____ City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____
Plugging Contractor License #: _____ Name: _____
Address 1: _____ Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____

Proposed Date of Plugging (if known): _____

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically



CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically

I

Form	CP1 - Well Plugging Application
Operator	SandRidge Exploration and Production LLC
Well Name	Lohrding 8-1
Doc ID	1251791

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
5119	5141	Mississippian	
			5172
5181	5494	Mississippian	



Current

Field: Arie Northeast
 County: Comanche
 State: Kansas
 Well: Lohrding 8-1
 Location: 8-31S-19W
 KB: 2101'
 GL: 2091'
 Spud Date: 4/14/2011
 TD Date: 4/28/2011
 First Sales: ?

Wellbore Schematic

15-033-21582
 API No

Original Completion	6/5/2003
Current	X
Proposed	

Well Bore Data

MD TVD

Data On This Completion

Well Class: Gas

Conductor Csg		
13-3/8" 48# Csg	374'	374'
Cemented w/ 350 sks common		
Surface Csg		
8-5/8" 24# J-55 Csg	946'	946'
Cemented w/ 400 sks A-Con & common		

Pumping Unit
Tbg pump

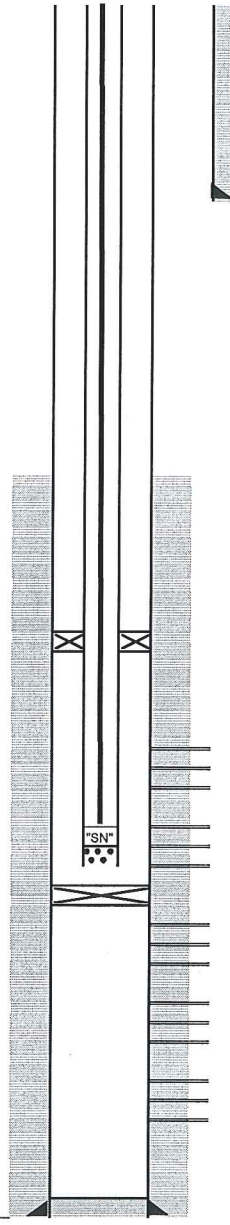
<u>Rod & Pump Detail (5/26/11)</u>	Top	Bottom
15' Polished Rod		
149- 3/4" rods		
10- 7/8" rods		
64- 3/4" rods		
Plunger		?

<u>Packer</u>	Top	Bottom
Model "R" Packer **No record of packer in most recent completion rpts. Regulatory rpts indicate a packer.	5046'	5046'

<u>Tubing Detail (7/7/11)</u>	Top	Bottom
1 jt 2-3/8" J-55	2-3/8" 4.7#	J-55 tbg
6' sub		
151 jts 2-3/8" J-55		
TAC		
7 jts 2-3/8"		
SN		
3' perf sub		
7' Mud anchor		5139'
1-3/4" tbg pump		

<u>Treatment History</u>	Top	Bottom
5/19/11: 5490'-94' Acid frac w/ 500 GAL 15% HCL AP 1400, AR 3.3 BPM, ISIP 52 psi		
5/20/11: 5181'-86' & 5194'-5200' Acid frac w/ 1000 GAL 15% HCL AP 1920, AR 4.1 BPM, ISIP 52 psi		
5/23/11: 5119'-5132' & 5137'-5141' Acidized w/ 1000 GAL 15% HCL, 100 ball sealers AP 650 psi, AR 4.1 BPM, ISIP 0 psi		
CIBP @ 5172' (7/7/11)		

PBTD @ 5750' (5/5/11)	5750'	5750'
5-1/2" 17# N-80 Csg	5826'	5826'
Cemented w/ 215 sks Class H		



TOC @ 4170' (5/5/11)

Mississippian (5/18/11)
5119'-5132'
(4 SPF, 3-1/8" csg gun, 60 deg phasing)

Mississippian (5/18/11)
5137'-5141'
(4 SPF, 3-1/8" csg gun, 60 deg phasing)

Mississippian (5/18/11)
5181'-5186'
(4 SPF, 3-1/8" csg gun, 60 deg phasing)

Mississippian (5/18/11)
5194'-5200'
(4 SPF, 3-1/8" csg gun, 60 deg phasing)

Mississippian (5/18/11)
5490'-5494'
(4 SPF, 3-1/8" csg gun, 60 deg phasing)

12-1/4" Hole

7-7/8" Hole

TD: 5828' MD / 5828' TVD



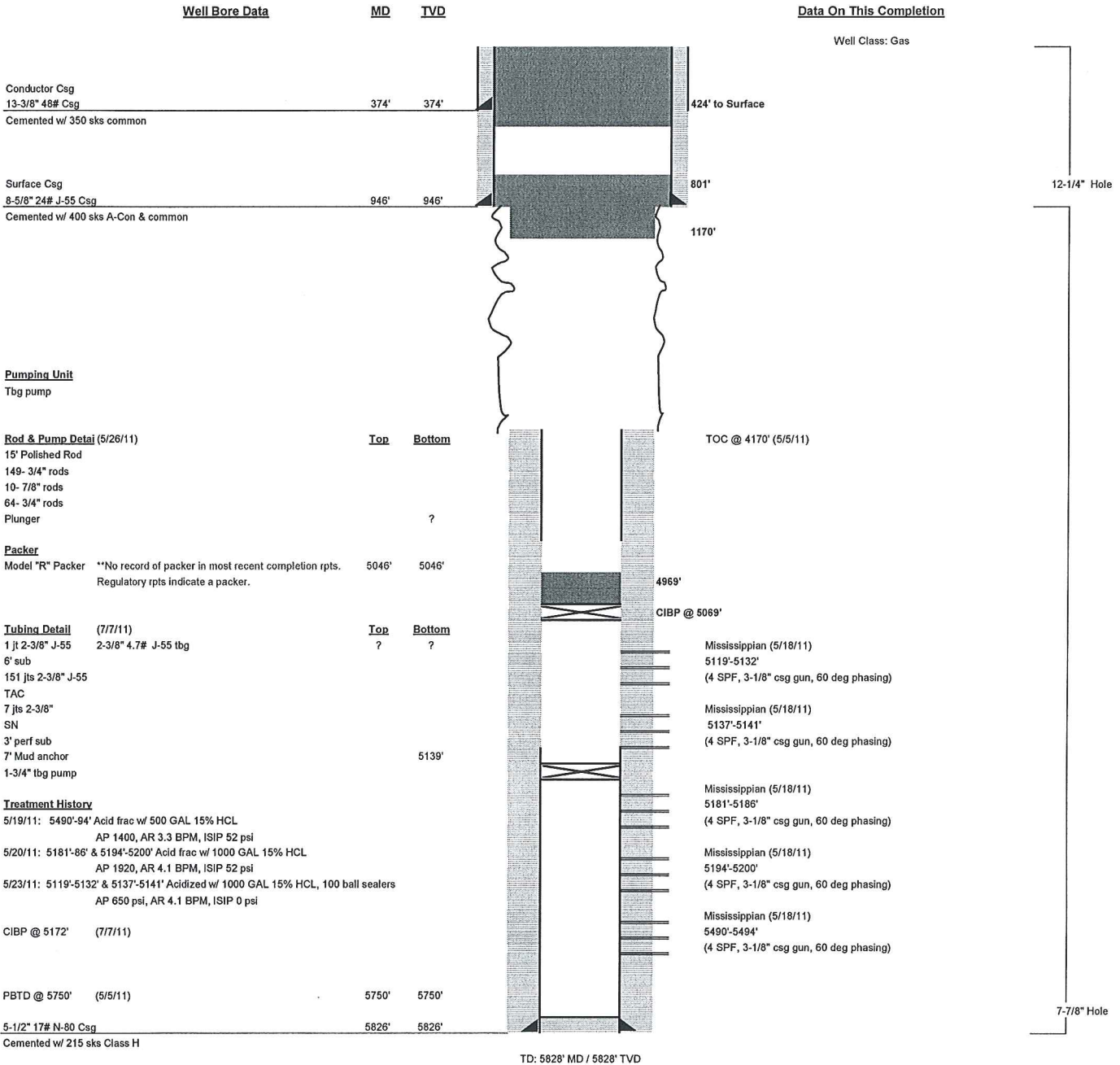
Proposed

Field Arlie Northeast
 County Comanche
 State Kansas
 Well **Lohrding 8-1**
 Location 8-31S-19W
 KB 2101'
 GL 2091'
 Spud Date 4/14/2011
 TD Date 4/28/2011
 First Sales ?

Wellbore Schematic

15-033-21582
 API No

Original Completion	6/5/2003
Current	
Proposed	X



ORR ENTERPRISES, INC.

FOR David Cummings
 COMPANY Sand Ridge Energy
 SUBJECT P&A Logging #8-1
Comanche Cty, KS

JOB OR AUTH. NO. _____
 PAGE 15-033-21582
 DATE 5/6/15
 BY Ronnie Orr
sec 8 315-19W

P&A Procedure per KCC Eric Mackaren - Dodge City

- 1) MTRUSU Unseat pump & POH w/ rods & pump.
- 2) Unflange well & NU BOP. Release TAC & POH w/ tbs.
- 3) PU 5 1/2" 10K Tbs set CTBP, GTH & set CTBP @ 5069' release from tbs, circ hole w/ mud & cap CTBP w/ 10 SKS Class "C" cement. POH w/ tbs.
- 4) NU BOP & unpack 5 1/2" casing. Weld on 5 1/2" pull sub. Pull 5 1/2" slips & NU BOP w/ 5 1/2" rams. Work csg for free point. Cut & pull free pipe. Change pipe rams in BOP.
- 5) TIT w/ tbs @ 1170', mix & spot 100 SKS Class "C" cement to cover Anhydrite & 8 5/8 shoe up to 801'
- 6) Pull up hole w/ tbs @ 424', mix & pump 115 SKS Class "C" cement & circulate to surface, this plug will cover 13 3/8 shoe, useable water & top plug POH w/ tbs & leave full to surface.
- 7) REMOVE cut & cap well. Dig up rig anchors.

Useable Water @ 160'
 Stone Coral Anhydrite 1120'
 Toce @ 4170'
 Mississippi
 Miss
 13 3/8
 374'
 8 5/8
 24"
 946'
 Rods
 149-3/4
 10-7/8
 64-3/4
 2 3/8
 Tbs
 1jt
 6' sub
 151jt
 TAC
 7jt
 Swe
 5129'
 5119'
 5141'
 5139'
 5181'
 5494'
 5 1/2
 17"
 N-80
 5826'

Cost

Rig 44 hrs @ 285 ⁰⁰ /hr	= 12540 ⁰⁰
Cement & trucks (225 SKS)	= 7850 ⁰⁰
CTBP & cut casing	= 6500 ⁰⁰
Mud haul & returns (120 bbl)	= 2000 ⁰⁰
5 1/2" Tools & tongs	= 750 ⁰⁰
3 days Laydown machine w/ track & operator	= 2200 ⁰⁰
Backhoe, welder, water truck & BOP	= 2600 ⁰⁰
<u>Salvage</u>	<u>34,440⁰⁰</u>
5129' - 2 3/8 @ .75/ft	= 3846 ⁷⁵
2500' - 5 1/2 @ 2 ²⁵ /ft	= 5625 ⁰⁰
	<u>9471⁷⁵</u>



May 7, 2015

A & P Lohrding, LP
569 Avenue D
Coldwater, KS 67029

Re: Kansas Surface Owner Notice Act (House Bill 2032)

Please find attached a draft copy of the Well Plugging Application currently pending with the KCC for approval. We plan to plug the Lohrding 8-1 well located in Comanche County, Kansas, and you are listed as the current surface owner.

This notice is being provided pursuant to the Kansas Surface Owner Notice Act (House Bill 2032). If you have any questions, please contact us.

Sincerely,

Tiffany Golay
Regulatory Technician
SandRidge Energy
123 Robert S Kerr Avenue
Oklahoma City, OK 73102
E: tgolay@sandridgeenergy.com

May 07, 2015

Tiffany Golay
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: Plugging Application
API 15-033-21582-00-00
Lohrding 8-1
SE/4 Sec.08-31S-19W
Comanche County, Kansas

Dear Tiffany Golay:

The Conservation Division has received your Well Plugging Application (CP-1).

Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 1 of your proposed plugging plan at least 5 days before plugging the well. DISTRICT 1's phone number is (620) 225-8888. Failure to notify DISTRICT 1, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well. Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after November 07, 2015. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

The November 07, 2015 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff. Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,
Production Department Supervisor

cc: DISTRICT 1