



TEMPORARY ABANDONMENT WELL APPLICATION

All blanks must be complete

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

API No. 15- _____
Spot Description: _____
____ - ____ - ____ - ____ Sec. _____ Twp. _____ S. R. _____ E W
_____ feet from N / S Line of Section
_____ feet from E / W Line of Section
GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)
Datum: NAD27 NAD83 WGS84
County: _____ Elevation: _____ GL KB
Lease Name: _____ Well #: _____
Well Type: (check one) Oil Gas OG WSW Other: _____
 SWD Permit #: _____ ENHR Permit #: _____
 Gas Storage Permit #: _____
Spud Date: _____ Date Shut-In: _____

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size						
Setting Depth						
Amount of Cement						
Top of Cement						
Bottom of Cement						

Casing Fluid Level from Surface: _____ How Determined? _____ Date: _____
Casing Squeeze(s): _____ to _____ w / _____ sacks of cement, _____ to _____ w / _____ sacks of cement. Date: _____
(top) (bottom) (top) (bottom)
Do you have a valid Oil & Gas Lease? Yes No
Depth and Type: Junk in Hole at _____ Tools in Hole at _____ Casing Leaks: Yes No Depth of casing leak(s): _____
(depth) (depth)
Type Completion: ALT. I ALT. II Depth of: DV Tool: _____ w / _____ sacks of cement Port Collar: _____ w / _____ sack of cement
(depth) (depth)
Packer Type: _____ Size: _____ Inch Set at: _____ Feet
Total Depth: _____ Plug Back Depth: _____ Plug Back Method: _____

Geological Data:

Formation Name	Formation Top	Formation Base	Completion Information
1. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet
2. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

Do NOT Write in This Space - KCC USE ONLY

Date Tested: _____ Results: _____ Date Plugged: _____ Date Repaired: _____ Date Put Back in Service: _____

Review Completed by: _____ Comments: _____

TA Approved: Yes Denied Date: _____

Mail to the Appropriate KCC Conservation Office:

	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.225.8888
	KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.630.4000
	KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720	Phone 620.432.2300
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.625.0550

General

Well ID - * -
Well LOHRDING 4A
Company SANDRIDGE
Operator - * -
Lease Name LOHRDING 4A
Elevation 0.00 ft
Production Method Flowing Well (Gas)

Comment

Compressor

Power Rating - * - HP
Capacity - * - Mscf/D
Discharge Pressure - * - psi (g)
Suction Pressure - * - psi (g)
Compressor Manuf - * -
Sales Line Pressure - * - psi (g)

Flow Line

Flow Line OD - * - in
Flow Line ID - * - in
Flow Line Length - * - ft
Flow Line Material - * -
Elevation Change - * - ft
Inlet Pressure - * - psi (g)

Tubulars

Tubing		Casing	
OD	2.380 in	OD	4.500 in
Weight	lb/ft	Weight	lb/ft
ID	2.014 in	ID	4.090 in

Avg. Joint Length: 31.700 ft KB Correction: 0.00 ft
Anchor Depth: ft SN Depth: ft
Packer Depth: 4978.00 ft Tubing Intake Depth: 4978.00 ft
Tubing Roughness: 0.00005 New Pipe ft

Conditions

Pressure

Static BHP 2165.2 psi (g)
Static BHP Method Acoustic
Static BHP Date 10/09/2014

Producing BHP - * - psi (g)
Producing BHP Method - * -
Producing BHP Date - * -
Formation Depth 5253.00 ft

Production

Oil Production - * - BBL/D
Water Production - * - BBL/D
Gas Production - * - Mscf/D
Production Date - * -

Temperatures

Surface Temperature 70 deg F
Bottomhole Temperature 150 deg F

Surface Producing Pressures

Tubing Pressure - * - psi (g)
Casing Pressure 8.2 psi (g)

Standard Conditions

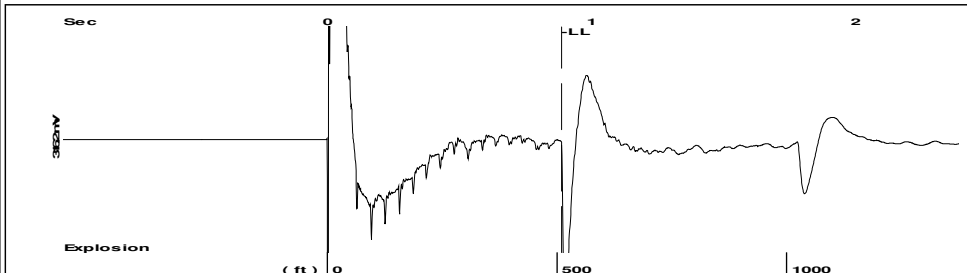
Standard Temp 60 deg F
Standard Pressure 14.7 psi (a)

Pressure Buildup

Change in Pressure -0.017 psi
Over Change in Time 1.00 min

Fluid Properties

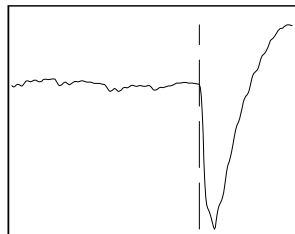
Oil API 40 deg.API
Water Specific Gravity 1.05 Sp.Gr.H2O



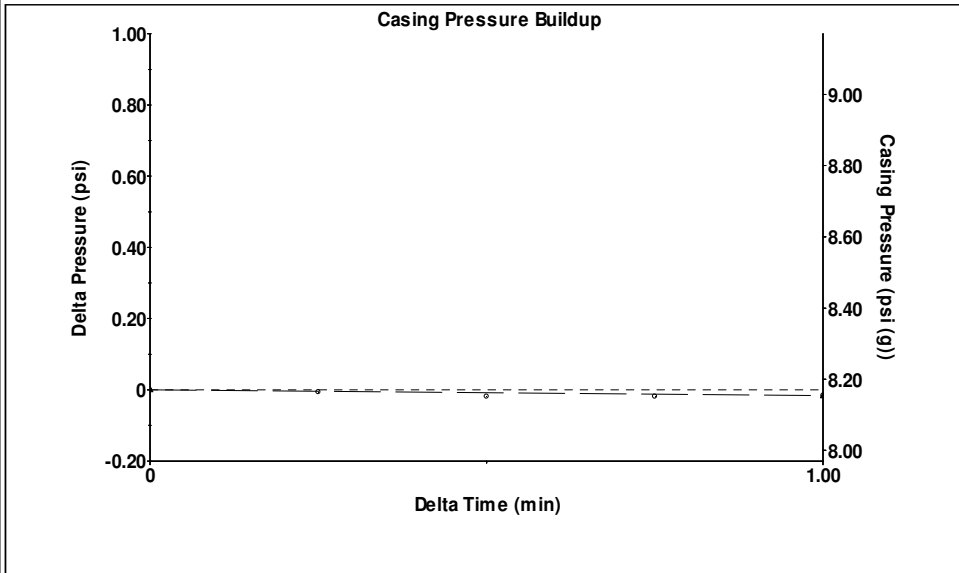
Time 0.886 sec
 Joints 16.071 Jts
 Depth 509.45 ft

Liquid level calculated with user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s

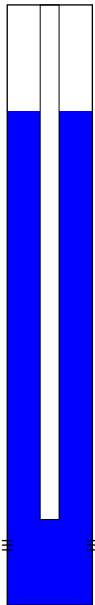


Analysis Method: Acoustic Velocity



Change in Pressure -0.02 psi PT15218
 Change in Time 1.00 min Range 0 - ? psi

Production Current	Potential	Casing Pressure	8.2 psi (g)	Static
Oil -*-	-*- BBL/D	Casing Pressure Buildup	-0.017 psi	Oil Column Height MD 0 ft
Water -*-	-*- BBL/D	Gas/Liquid Interface Pressure	1.00 min	Water Column Height MD 4744 ft
Gas -*-	-*- Mscf/D		8.5 psi (g)	Static BHP 2165.2 psi (g)
IPR Method	Vogel	Liquid Level Depth	509.45 ft	
PBHP/SBHP	-*-	Tubing Intake Depth	4978.00 ft	
Production Efficiency	0.0	Formation Depth	5253.00 ft	
Oil 40 deg.API				
Water 1.05 Sp.Gr.H2O				
Gas 0.85 Sp.Gr.AIR				
Acoustic Velocity	1150 ft/s			



Conservation Division
District Office No. 1
210 E. Frontview, Suite A
Dodge City, KS 67801



Phone: 620-225-8888
Fax: 620-225-8885
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

October 16, 2014

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

Re: Temporary Abandonment
API 15-033-21336-00-00
LOHRDING 4A
SE/4 Sec.06-31S-19W
Comanche County, Kansas

Dear Tiffany Golay:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 10/16/2015.

- * If you return this well to service or plug it, please notify the District Office.
- * If you sell this well you are required to file a Transfer of Operator form, T-1.
- * If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 10/16/2015.

You may contact me at the number above if you have questions.

Very truly yours,

Michael Maier"