



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

Form	CP1 - Well Plugging Application
Operator	SandRidge Exploration and Production LLC
Well Name	Bryant 3508 5-10H
Doc ID	1286702

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
5475	7490	Mississippi	

2/17/2016

BRYANT 3508 5-10H

SHL: SEC 15, TWP 35S, RNG 8W (201' FSL; 1320' FEL)

BHL: SEC 15, TWP 35S, RNG 8W (333' FNL; 685' FEL)

Harper County, KS

PLUG AND ABANDON PROCEDURE

API #:	15-077-21966	Elevations:	1275' KB; 1255' GL
Corp ID:	126199	Depths:	7,540' MD; 7,530' PBTD
Field:	Waldron	Spud Date:	10/14/2013

Completion Engineer	Brent Morris	405-546-0162	bmorris1@sandridgeenergy.com
Production Foreman	Luke Ream	45-406-5522	lream@sandridgeenergy.com
Field Completion Superintendent	Shaun Sanders	405-839-2248	ssanders1@sandridgeenergy.com

CSG	Bit Size	OD	ID	Drift	Grade	Thd	Wt/Ft	Cap (bpf)	Burst	Collapse	Top	Set @
Surface	12.25"	9.625"	8.921"	8.765"	J-55	ST&C	36#	0.0773	3520	2020	0'	778'
Int	8.75"	7.000"	6.276"	6.151"	P-110	LT&C	26#	0.0382	9960	6210	0'	5,789'
Liner	6.125"	4.500"	4.000"	3.875"	N-80	LT&C	11.6#	0.0155	7780	6350	5,724'	7,540'

Maximum allowable pressure is limited by B-Section **5000 psi**

Cement Details

7": Cmt w/ 240 sxs POZ 50/50 mixed at 13.6 ppg (Yield=1.44), followed by 100 sxs Class A @ 15.6 (Yield=1.18), FR
 4-1/2": 7 Stage Baker OH completion system ran, NO cement pumped

Directions to Location

GPS Coordinates: 36.998529227, -98.168598008

FROM THE JCT. OF ST HWY 132 SOUTH AND STATE LINE ROAD AT MANCHESTER, KS, GO 5 MILES WEST ON STATE LINE ROAD, THEN 0.7 MILES NORTH, THEN 2 MILES WEST, THEN 0.7 MILES SOUTH TO THE SE COR. OF SEC. 15-35S-

Workover Summary

Plug and abandon well. Set CIBP and cap with cement. Pull csg and cut free pipe. TOOH with csg. Set cmt plugs as needed. Cut and cap well. Remove rig anchors.

WHAT'S NEW WITH THE BRYANT 3508 5-10H COMPLETION?

- 1) Plug and Abandon well.
- 2) Pull tbg and ESP
- 3) Set CIBP
- 4) Spot Cement plugs as needed for fresh water formations
- 5) Cut and cap well
- 6) Contact KCC representative for District 2 (316-630-4000) at least 5 days prior to beginning operations. Insure contact is person-to-person. Voicemail is not acceptable for regulatory agencies.
- 7)

THE SAFETY OF PERSONNEL AND PROTECTION OF THE ENVIRONMENT IS OF PRIMARY CONCERN DURING ANY OPERATION. UNDER NO CIRCUMSTANCE SHOULD SAFETY OR ENVIRONMENTAL PROTECTION BE COMPROMISED.

ALL PERSONNEL ARE REQUIRED TO REPORT ALL INCIDENTS TO SANDRIDGE COMPLETIONS FOREMAN WITHIN 2 HOURS. FAILURE TO REPORT AN INCIDENT COULD RESULT IN REMOVAL FROM LOCATION.

SANDRIDGE ENERGY REQUIRES THAT HARD HATS, STEEL TOED BOOTS, SAFETY GLASSES AND FRCs BE WORN ON LOCATION AT ALL TIMES.

HOLD SAFETY MEETING & COMPLETE JSAs PRIOR TO COMMENCING ALL OPERATIONS. All PERSONNEL ON LOCATION MUST BE BRIEFED AND MUST SIGN JSAs.

DISCUSS WORKOVER SCOPE, WELL CONTROL PLANS, MEETING AREAS IN CASE OF EMERGENCIES AND FOLLOW SD LOCKOUT/TAGOUT PROCEDURES PRIOR TO ANY WORK BEING DONE.

NO IGNITION SOURCE WITHIN 50 FT OF THE WELLHEAD, FLOWBACK TANKS OR PRODUCTION EQUIPMENT.

ALL PERSONNEL ON LOCATION HAVE THE AUTHORITY AND OBLIGATION TO STOP WORK IF ANY UNSAFE CONDITIONS ARE OBSERVED.

Harper County Emergency Contacts

Sheriff: (620)-842-5135

	Anthony	Attica	Harper
Fire	620-842-5434	620-254-7265	620-896-7311
Ambulance	911	911	911

Hospital: Harper Hospital
 700 W. 13th Street
 Harper, KS 67058
 ph: (620)-896-7324

Pre-job Checklist

- 1) Ensure all ratholes, ditches and sumps used in the drilling operation have been filled and that location is free of slip/trip/fall hazards. Ensure portable toilets and trash trailers are made available. Keep location and surrounding area free of debris. **Report and document any environmental issues existing prior to commencing completion operations.**
- 2) Evaluate wellhead height and provide work platforms, man lifts and fall protection as needed to provide safe access.
- 3) Check and monitor surface csg and production csg pressures. Report pressures daily.
- 4) Ensure ALL working tank valves are capped prior to filling.
- 5) Fill cellar as required to minimize confined space risk.

Detailed Procedure

WOR Operations EH&S Focus

WOR operations have accounted for a high percentage of recent SD Miss EH&S incidents. Please focus on the following prior to and during WOR ops: 1) Conducting rig inspections and correcting any deficiencies identified, 2) Ensuring everyone is familiar with and understands their responsibility regarding Stop Work Authority, 3) Ensuring everyone understands that they are responsible for their own safety plus that of those working around them and 4) Adjusting work pace or shut down ops as weather conditions dictate (heat, cold, storms).

- 1) MIRU WOR. Pump 250 bbls (csg/liner vol to toe) of produced water to kill the well. NU 7-1/16" 5K double hydraulic BOP dressed with 1 set of 2-7/8" pipe rams on top and 1 set of blind rams on bottom on top of 7-1/16" 5K B-Section. Function test pipe rams. NU 7-1/16" 5K Hydrill Annular BOP on top of double ram BOP. Place tubing sub in Annular BOP and function test.
(Have BOP vendor stump test all BOPs to 1500 psi prior to BOP delivery. Chart test and have chart delivered with BOPs.)

NOTE: Make arrangements to deliver/return 7-1/16" 5K blind flange (night cap) to T3 or Wood Group/GE (send with T3 or make other arrangements).

NOTIFY BAKER 24 HOURS PRIOR TO PULLING ESP - (Contact: Jared Riffe 405-630-9397)

- 2) TOOHS standing back tbg and laying down the following BHA (Baker Hughes ESP total length =74.46'):

- a) Sensor (L=4.1')
- b) Motor, 90 HP, 2150 V, 27 amp (L=14.5')
- c) Seal, Series FSB3DB (L=6.1')
- d) Gas Separator, Series 400 GSEV (L=2.63')
- e) Pump, 87 Stage Flex 10 Series Pump (PMHYB) (L=14.52')
- f) Pump, 87 Stage Flex 10 Series Pump (PMHYB) (L=23.55')
- g) Pump, 20 Stage Flex 17.5 Series Pump (PLSXD) (L=8.51')
- h) Discharge Head, Series (L=0.55')
- i) +/- 5078' 2-7/8" 6.5# J-55 EUE 8rd tbg

Send ESP with Baker to be pit tested and returned to inventory.

- 3) PU 2-7/8" 6.5# J-55 EUE 8rd tbg and 7" 10K CIBP. TIH and set CIBP @ +/- 5425'. DO NOT tag CIBP on top of liner (TOL @ 5724'). Test CIBP to 1000psi.
- 4) **Spot Per KCC sxs Class C cement mixed at 14.8 ppg and yield of 1.2 cf/sk on top of CIBP set @ +/- 5425'. Circulate hole with plugging mud (density > 9 ppg and viscosity > 36 cp). TOOHS standing back tbg.**
- 5) ND 7-1/16" 5K double hydraulic BOP and 7-1/16" 5K B-Section. Weld lift sub on 7" casing. NU 11" 3K double hydraulic BOP with 7" pipe rams and blind rams on bottom. Pull stretch on 7" casing to verify free point. (Calculated TOC @ 2705'.) TIH with split shot to free point. Locate casing collar and shoot off casing. TOOHS with 7" casing and lay down casing.
Note: Use hydraulic lay down machine when laying down casing.
- 6) NU 7-1/16" 5K double hydraulic BOP dressed with 1 set of 2-7/8" pipe rams on top and 1 set of blind rams on bottom and 7-1/16" 5K B-Section and top of WH.
- 7) TIH with 2-7/8" 6.5# J-55 EUE 8rd tbg. Spot/tag following cement plugs
 - a) 7' casing stub - **Per KCC** sxs Class C cement. No tag required.
 - b) **878' - Per KCC sxs Class C cement**
 - c) POOH with tbg WOC and tag 728 or higher
 - d) **BTW' - Per KCC** sxs Class C cement. Circulate to surface.

- 8) Tie cement pump truck on to surface casing. Top off annulus with cmt as needed.
- 9) Cut off surface casing 4' below ground level. Weld plate on top of surface casing plate should contain well name or API number and date of plugging. Plate should have weep hole to enable monitoring of any future leakage of plugs. Back fill cellar. RDMO WOR
- 10) Release all equipment. Clean and restore location.

Brent Morris - Completions Engineer

Date

Carl Enright - Workover Engineer

Date



Current

Spud: 10/14/2013

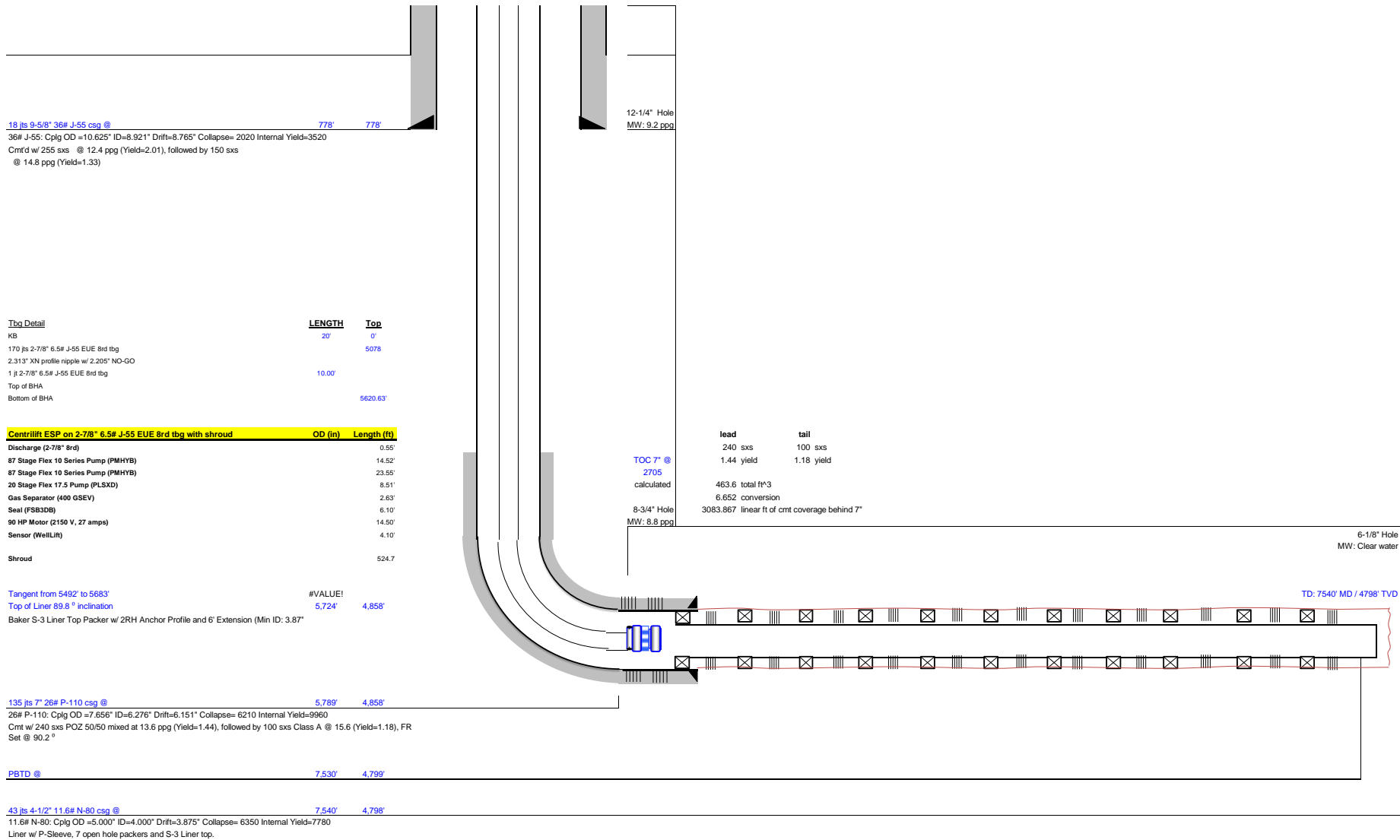
Field Waldron
 County Harper
 State KS
 Well **BRYANT 3508 5-10H**
 SH Location SEC 15, TWP 35S, RNG 8W
 Elevations 1275' KB; 1255' GL

Wellbore Schematic

15-077-21966
 API No.

Original Completion (12/6/2013)	X
Current (6/7/2014)	X
Workover	
Proposed	

Well Bore Data MD TVD



18 lbs 9-5/8" 36# J-55 csg @ 778' 778'
 36# J-55: Cplg OD =10.625" ID=8.921" Drift=8.765" Collapse= 2020 Internal Yield=3520
 Cmt'd w/ 255 sxs @ 12.4 ppg (Yield=2.01), followed by 150 sxs @ 14.8 ppg (Yield=1.33)

Tbg Detail	LENGTH	Top
KB	20'	0'
170 lbs 2-7/8" 6.5# J-55 EUE 8rd tbg		5078
2.313" XN profile nipple w/ 2.205" NO-GO		
1 jt 2-7/8" 6.5# J-55 EUE 8rd tbg	10.00'	
Top of BHA		
Bottom of BHA		5620.63'

Centriflitt ESP on 2-7/8" 6.5# J-55 EUE 8rd tbg with shroud	OD (in)	Length (ft)
Discharge (2-7/8" 8rd)		0.55'
87 Stage Flex 10 Series Pump (PMHYB)		14.52'
87 Stage Flex 10 Series Pump (PMHYB)		23.55'
20 Stage Flex 17.5 Pump (PLSXD)		8.51'
Gas Separator (400 GSEV)		2.63'
Seal (FSB3DB)		6.10'
90 HP Motor (2150 V, 27 amps)		14.50'
Sensor (WellLift)		4.10'
Shroud		524.7'

Tangent from 5492' to 5683' #VALUE!
 Top of Liner 89.8 ° inclination 5,724' 4,858'
 Baker S-3 Liner Top Packer w/ 2RH Anchor Profile and 6' Extension (Min ID: 3.87")

135 lbs 7" 26# P-110 csg @ 5,789' 4,858'
 26# P-110: Cplg OD =7.656" ID=6.276" Drift=6.151" Collapse= 6210 Internal Yield=9960
 Cmt w/ 240 sxs POZ 50/50 mixed at 13.6 ppg (Yield=1.44), followed by 100 sxs Class A @ 15.6 (Yield=1.18), FR Set @ 90.2 °

PBTD @ 7,530' 4,799'

43 lbs 4-1/2" 11.6# N-80 csg @ 7,540' 4,798'
 11.6# N-80: Cplg OD =5.000" ID=4.000" Drift=3.875" Collapse= 6350 Internal Yield=7780
 Liner w/ P-Sleeve, 7 open hole packers and S-3 Liner top.

lead tail
 240 sxs 100 sxs
 1.44 yield 1.18 yield
 TOC 7' @ 2705
 calculated 463.6 total ft³
 6.652 conversion
 8-3/4" Hole 3083.867 linear ft of cmt coverage behind 7'
 MW: 8.8 ppg

6-1/8" Hole
 MW: Clear water
 TD: 7540' MD / 4798' TVD

Directional Survey Calculations	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3113	201	3989	1320
BHL	7540	94.00	356.80	4798.49	2785.17	614.44	2852.05	0.00	333	2981	4620	685
Miss Entry	5155	72.56	23.93	4805.07	415.58	583.70	535.41	8.42	2703	612	4575	733
Top Port	5475	89.70	1.20	4859.63	722.06	639.66	846.64	7.76	2397	918	4633	675
Bottom Port	7500	94.00	356.80	4801.28	2745.33	616.67	2813.71	0.64	373	2942	4622	683

Survey Points	NW Corner XY Coord	X	Y	Surface XY	X	Y	m					
							North Line slope	East Line slope	South Line slope	West Line slope		
	2092783	124086					0.0094268					
	2092802	120781					-0.0072376					
	2098087	124136					0.007346					
	2098111	120820					-0.0057489					

	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (deg)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	0	3113	201	3989	1320
	853	0.1	228.1	853.00	-0.50	-0.55	-0.61	0.01	3113	200	3989	1320
	943	0.2	157.8	943.00	-0.70	-0.55	-0.80	0.21	3113	200	3989	1320
	1123	0.4	40.5	1123.00	-0.51	-0.03	-0.50	0.29	3113	200	3989	1320
	1303	0.3	53.4	1302.99	0.25	0.76	0.41	0.07	3113	201	3990	1319
	1584	0.1	354.8	1583.99	0.93	1.33	1.21	0.09	3112	202	3991	1318
	1870	0.3	273.1	1869.99	1.22	0.56	1.32	0.11	3112	202	3990	1319
	2156	0.3	250.7	2155.99	1.02	-0.90	0.79	0.04	3112	202	3988	1321
	2442	0.5	265.5	2441.98	0.67	-2.85	0.02	0.08	3112	201	3986	1322
	2728	0.4	283.9	2727.97	0.81	-5.06	-0.34	0.06	3112	202	3984	1325
	3013	0.7	302.9	3012.96	2.00	-7.49	0.27	0.12	3111	203	3982	1327
	3299	0.4	303.2	3298.94	3.49	-9.79	1.22	0.10	3109	204	3980	1329
	3585	0.3	271.3	3584.94	4.06	-11.37	1.41	0.08	3109	205	3978	1331
	3794	0.4	190.3	3793.94	3.35	-12.05	0.58	0.22	3109	204	3977	1332
	3841	1.1	120.5	3840.93	2.96	-11.69	0.28	2.20	3110	204	3978	1331
	3873	3.2	102.1	3872.91	2.62	-10.55	0.19	6.82	3110	203	3979	1330
	3904	5.6	92.9	3903.82	2.36	-8.20	0.47	8.05	3110	203	3981	1328
	3936	7.8	88.2	3935.60	2.35	-4.47	1.29	7.08	3110	203	3985	1324
	3968	10.4	87.5	3967.19	2.54	0.59	2.61	8.13	3110	203	3990	1319
	4000	12.7	89.2	3998.54	2.72	6.99	4.21	7.27	3110	203	3996	1313
	4031	14.5	89.6	4028.67	2.79	14.28	5.91	5.81	3110	203	4004	1305
	4063	16.5	89.2	4059.50	2.88	22.83	7.91	6.26	3110	203	4012	1297
	4095	19.2	86.6	4089.96	3.26	32.63	10.46	8.80	3110	204	4022	1287
	4127	21.4	85	4119.97	4.08	43.70	13.73	7.09	3109	204	4033	1276
	4158	23.3	84.8	4148.64	5.13	55.44	17.38	6.13	3108	205	4045	1264
	4190	25.7	83.4	4177.76	6.50	68.64	21.66	7.72	3107	207	4058	1251
	4222	28.6	82.9	4206.23	8.24	83.14	26.60	9.09	3105	208	4073	1236
	4254	31.8	82	4233.88	10.37	99.09	32.23	10.10	3103	210	4088	1220
	4285	34.6	81.9	4259.82	12.74	115.90	38.29	9.03	3101	213	4105	1204
	4317	37	82	4285.77	15.36	134.43	44.99	7.50	3099	215	4124	1185
	4349	39.1	83	4310.97	17.93	153.98	51.86	6.84	3096	218	4143	1166
	4381	41.1	83.3	4335.45	20.39	174.45	58.82	6.28	3094	220	4164	1145
	4412	41.6	83.7	4358.72	22.71	194.79	65.62	1.82	3092	222	4184	1125
	4444	42.6	80.7	4382.46	25.63	216.04	73.21	7.02	3089	225	4206	1103
	4476	43.8	76.4	4405.80	29.98	237.50	82.25	9.93	3085	229	4227	1082
	4507	45.1	72.8	4427.93	35.75	258.42	92.54	9.15	3079	235	4248	1061
	4539	46.1	69.2	4450.32	43.20	280.03	104.62	8.62	3072	242	4270	1039
	4571	47.2	66	4472.29	52.07	301.53	118.07	8.04	3064	251	4291	1018
	4603	47.7	63.5	4493.93	62.12	322.85	132.63	5.96	3054	260	4313	996
	4635	48.3	60.6	4515.35	73.27	343.85	148.19	6.99	3043	271	4334	975
	4667	48.5	56.7	4536.60	85.72	364.28	164.88	9.13	3030	284	4354	955
	4698	48.9	53	4557.06	99.12	383.31	182.20	9.06	3017	297	4373	936
	4730	48.6	49.1	4578.16	114.24	402.02	201.11	9.21	3002	312	4392	917
	4762	48.6	45.3	4599.33	130.54	419.63	220.93	8.91	2986	328	4410	899
	4793	48.9	41.5	4619.77	147.47	435.63	241.01	9.27	2969	345	4426	883
	4825	48.8	37.7	4640.84	166.03	450.99	262.52	8.95	2951	363	4441	867
	4857	50.5	35	4661.56	185.67	465.43	284.90	8.34	2931	383	4456	853
	4889	52.4	32.7	4681.50	206.46	479.37	308.27	8.18	2911	404	4470	839
	4920	54.2	30.7	4700.03	227.61	492.42	331.79	7.78	2890	425	4483	826
	4952	56.5	28.6	4718.22	250.48	505.43	357.00	8.99	2867	447	4496	812
	4984	59.2	26.3	4735.25	274.52	517.91	383.22	10.40	2843	471	4509	800
	5015	61.7	25.3	4750.54	298.80	529.65	409.51	8.54	2819	496	4521	788
	5047	64	24.8	4765.14	324.60	541.70	437.34	7.32	2793	521	4533	776
	5079	66	24.9	4778.66	350.91	553.89	465.71	6.26	2767	548	4545	763
	5111	69.2	25.1	4790.85	377.72	566.39	494.64	10.02	2740	574	4558	750
	5143	71.9	24.7	4801.51	405.09	579.09	524.15	8.52	2713	602	4571	738
	5174	73.6	22.7	4810.70	432.20	590.99	553.23	8.25	2686	629	4583	725
	5206	74.2	20.1	4819.58	460.82	602.21	583.63	8.03	2658	657	4594	714
	5238	75.6	15.9	4827.92	490.19	611.75	614.40	13.41	2628	686	4604	704
	5270	77.7	13.2	4835.31	520.33	619.57	645.51	10.51	2598	716	4612	696
	5302	79.1	10.3	4841.74	551.01	625.95	676.85	9.90	2568	747	4618	690
	5333	81.1	8.3	4847.07	581.15	630.88	707.32	9.06	2538	777	4624	685
	5365	82.7	5.9	4851.58	612.58	634.79	738.84	8.95	2506	809	4628	680
	5397	83.9	3.1	4855.31	644.26	637.29	770.28	9.46	2475	840	4630	678
	5429	86	1.6	4858.13	676.11	638.59	801.61	8.05	2443	872	4632	676

Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (deg)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100'	FNL	FSL	FWL	FEL
5461	88.8	1.2	4859.58	708.06	639.37	832.93	8.84	2411	904	4633	675
5492	90.8	1.2	4859.69	739.05	640.02	863.29	6.45	2380	935	4634	674
5524	90.9	1.3	4859.22	771.04	640.72	894.62	0.44	2348	967	4634	673
5556	90.9	1	4858.71	803.03	641.36	925.95	0.94	2316	999	4635	672
5588	91.2	1.3	4858.13	835.02	642.00	957.27	1.33	2284	1031	4636	672
5619	91.2	1.1	4857.48	866.01	642.65	987.62	0.65	2253	1062	4637	671
5651	89.7	0.7	4857.23	898.00	643.16	1018.92	4.85	2221	1094	4638	670
5683	89.7	0.3	4857.39	930.00	643.43	1050.17	1.25	2189	1126	4638	669
5714	89.7	0.2	4857.56	961.00	643.57	1080.42	0.32	2158	1157	4638	669
5746	90	1	4857.64	993.00	643.90	1111.69	2.67	2126	1189	4639	669
5756	90.2	1.1	4857.62	1002.99	644.09	1121.47	2.24	2116	1199	4639	668
5799	90.2	1.1	4857.47	1045.99	644.91	1163.56	0.00	2073	1242	4640	667
5831	90.8	1.2	4857.19	1077.98	645.56	1194.89	1.90	2041	1274	4641	666
5895	91.9	0.1	4855.69	1141.95	646.28	1257.42	2.43	1977	1338	4642	665
5991	91	359.8	4853.26	1237.92	646.20	1350.94	0.99	1881	1434	4643	664
6086	91.1	0	4851.52	1332.91	646.03	1443.49	0.24	1786	1529	4643	664
6182	92	0	4848.92	1428.87	646.03	1537.03	0.94	1690	1625	4644	663
6277	91.4	359.5	4846.10	1523.83	645.62	1629.50	0.82	1595	1720	4644	663
6373	90.6	0.4	4844.43	1619.81	645.53	1723.04	1.25	1499	1816	4644	662
6468	91.9	0.5	4842.35	1714.78	646.28	1815.79	1.37	1404	1911	4645	661
6564	92.1	359.6	4839.00	1810.72	646.36	1909.32	0.96	1308	2007	4646	660
6659	91.3	358.6	4836.18	1905.67	644.87	2001.54	1.35	1213	2102	4645	661
6755	91.3	358.3	4834.01	2001.61	642.28	2094.48	0.31	1117	2198	4643	663
6850	91.8	358.2	4831.44	2096.53	639.38	2186.36	0.54	1022	2293	4641	665
6946	92.4	358.8	4827.92	2192.43	636.86	2279.28	0.88	926	2388	4639	667
7041	93	358.4	4823.44	2287.30	634.55	2371.23	0.76	831	2483	4637	669
7137	93.1	359.2	4818.34	2383.14	632.54	2464.20	0.84	736	2579	4636	670
7232	92.3	358	4813.86	2478.00	630.22	2556.16	1.52	641	2674	4634	671
7328	91.6	357.2	4810.59	2573.86	626.20	2648.70	1.11	545	2770	4630	675
7423	93.5	356.6	4806.37	2668.62	621.07	2739.92	2.10	450	2865	4626	679
7489	94	356.8	4802.05	2734.37	617.28	2803.17	0.82	384	2931	4622	683
7540	94	356.8	4798.49	2785.17	614.44	2852.05	0.00	333	2981	4620	685

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

February 18, 2016

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

Re: Plugging Application
API 15-077-21966-01-00
Bryant 3508 5-10H
SE/4 Sec.15-35S-08W
Harper County, Kansas

Dear Wanda Ledbetter:

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

Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 2 of your proposed plugging plan at least 5 days before plugging the well. DISTRICT 2's phone number is (316) 630-4000. Failure to notify DISTRICT 2, 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 August 18, 2016. 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 August 18, 2016 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 2