



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1161252  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1161252

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lukins 3410 1-26H
Doc ID	1161252

All Electric Logs Run

Boresight
Prizm Log
Nuclear
Resistivity
Mud Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lukins 3410 1-26H
Doc ID	1161252

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8027-8146	1500 gals 15% HCL; 6150 bbls slickwater; TLTR 5710 bbls	
5	7733-7970	1500 gals 15% HCL; 6091 bbls slickwater; TLTR 11267 bbls	
5	7499-7650	1500 gals 15% HCL; 4295 bbls slickwater; TLTR 15024 bbls	
5	7198-7416	1500 gals 15% HCL; 6328 bbls slickwater; TLTR 20581 bbls	
5	6931-7116	1500 gals 15% HCL; 6162 bbls slickwater; TLTR 26128 bbls	
5	6648-6854	1500 gals 15% HCL; 6087 bbls slickwater; TLTR 31751 bbls	
5	6244-6560	1500 gals 15% HCL; 5961 bbls slickwater; TLTR 37310 bbls	
5	5964-6150	1500 gals 15% HCL; 4894 bbls slickwater; TLTR 41712 bbls	
5	5669-5898	1500 gals 15% HCL; 6000 bbls slickwater; TLTR 47200 bbls	
5	5246-5450	1500 gals 15% HCL; 4074 bbls slickwater; TLTR 51274 bbls	

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 03, 2013

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

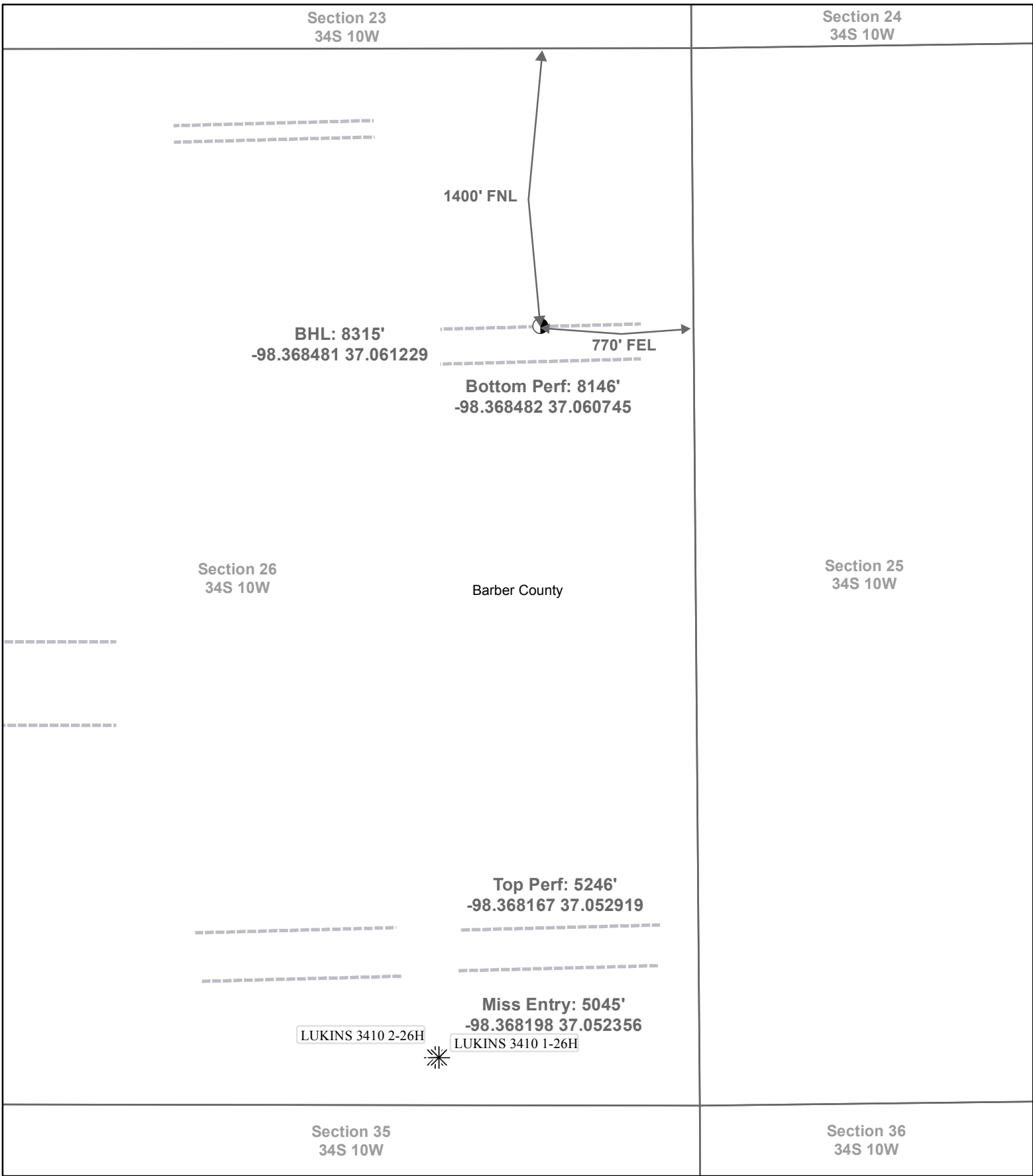
Re: ACO1  
API 15-007-24063-01-00  
Lukins 3410 1-26H  
SE/4 Sec.26-34S-10W  
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Tiffany Golay



**SANDRIDGE**  
THE POWER OF US™

**Actual Bottom-Hole Location of Lukins 3410 1-26H**  
Barber County, Kansas  
T&R: 34S 10W  
Section: 26, 770' FEL & 1400' FNL  
-98.368481 37.061229

1 in = 640 ft

0 500 1,000 2,000 Feet

● Actual BH Location  
\* SandRidge Wells  
--- Perf  
□ Sections

Draftsman: Aaron Birk  
Draft Date: 12/17/2013

Drawing Name/Number:  
Addendum\_Lukins 3410 1-26H.mxd

Coordinate System:  
NAD 1927 State Plane  
Kansas South FIPS: 1502

Standard Wellpath Report  
 Sandridge  
 Sec 26 - 34S - 10W, Kansas  
 Barber County  
 Wellbore: Lukins 3410 1-26H (Actual)

**Wellbore**

Name	Created	Last Revised
Lukins 3410 1-26H (Actual)	16-Sep-2013	3-Oct-2013

**Well**

Name	Government ID	Last Revised
Lukins 3410 1-26H		16-Sep-2013

**Slot**

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Lukins 3410 1-26H	140009.0370	2037971.5790	N37 3 3.9835	W98 22 11.6300	191.03N	1321.36W

**Installation**

Name	Easting	Northing	Coord System Name	North Alignment
Barber County	2039293.0000	139818.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Field**

Name	Easting	Northing	Coord System Name	North Alignment
Sec 26 - 34S - 10W	2039293.0000	139818.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Created By**

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**Comments**

<p>FINAL SURVEYS:          MD 8314 is a projection to bit @ TD</p>
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Standard Wellpath Report  
Sandridge  
Sec 26 - 34S - 10W, Kansas  
Barber County  
Wellbore: Lukins 3410 1-26H (Actual)

**Wellpath (Grid) Report**

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2037971.58	140009.04
1049.00	0.60	210.000	1048.98	4.76S	2.75W	0.06	-5.07	2037968.83	140004.28
1507.00	0.60	208.900	1506.96	8.93S	5.10W	==>	-9.52	2037966.47	140000.10
1975.00	0.50	123.400	1974.94	12.20S	4.58W	0.16	-12.69	2037967.00	139996.83
2449.00	0.70	71.400	2448.92	12.42S	0.11W	0.12	-12.33	2037971.47	139996.62
2923.00	1.10	70.700	2922.86	9.99S	6.93E	0.08	-9.02	2037978.50	139999.05
3395.00	0.90	49.900	3394.79	6.10S	14.04E	0.09	-4.25	2037985.62	140002.93
3647.00	1.00	51.900	3646.75	3.47S	17.28E	0.04	-1.22	2037988.86	140005.56
3742.00	4.80	81.300	3741.62	2.36S	21.86E	4.17	0.47	2037993.44	140006.68
3773.00	7.40	81.100	3772.44	1.85S	25.12E	8.39	1.39	2037996.70	140007.18
3804.00	9.90	81.500	3803.08	1.15S	29.73E	8.07	2.68	2038001.31	140007.89
3836.00	12.30	83.800	3834.48	0.38S	35.84E	7.63	4.24	2038007.42	140008.66
3867.00	14.70	89.400	3864.63	0.02N	43.06E	8.81	5.56	2038014.64	140009.06
3899.00	16.90	94.500	3895.42	0.30S	51.75E	8.12	6.36	2038023.34	140008.74
3930.00	18.80	95.500	3924.92	1.13S	61.22E	6.21	6.75	2038032.80	140007.90
3962.00	21.50	93.800	3954.96	2.02S	72.20E	8.63	7.29	2038043.79	140007.02
3993.00	24.50	92.800	3983.49	2.71S	84.30E	9.76	8.16	2038055.88	140006.33
4024.00	27.40	92.100	4011.37	3.28S	97.85E	9.41	9.34	2038069.43	140005.75
4056.00	29.30	91.200	4039.53	3.72S	113.03E	6.09	10.86	2038084.62	140005.32
4087.00	30.70	90.900	4066.37	4.00S	128.53E	4.54	12.57	2038100.12	140005.04
4119.00	32.60	90.000	4093.61	4.13S	145.32E	6.12	14.61	2038116.91	140004.91
4150.00	34.80	89.100	4119.40	3.99S	162.52E	7.28	16.96	2038134.11	140005.05
4182.00	37.50	88.100	4145.24	3.52S	181.39E	8.64	19.85	2038152.98	140005.51
4213.00	39.10	85.800	4169.57	2.49S	200.57E	6.91	23.34	2038172.16	140006.54
4245.00	40.90	82.100	4194.08	0.31S	221.02E	9.32	28.13	2038192.60	140008.72
4276.00	42.60	79.500	4217.21	2.99N	241.39E	7.83	34.03	2038212.98	140012.03
4307.00	44.20	76.100	4239.74	7.50N	262.20E	9.13	41.18	2038233.79	140016.54
4339.00	46.30	72.300	4262.27	13.70N	284.05E	10.68	50.14	2038255.64	140022.74
4370.00	47.70	68.800	4283.41	21.25N	305.42E	9.41	60.38	2038277.01	140030.29
4402.00	47.10	64.600	4305.08	30.56N	327.05E	9.84	72.40	2038298.64	140039.60
4433.00	47.20	59.500	4326.17	41.21N	347.11E	12.06	85.54	2038318.70	140050.25
4465.00	47.10	54.900	4347.94	53.91N	366.82E	10.54	100.67	2038338.42	140062.95
4496.00	46.70	49.900	4369.13	67.71N	384.74E	11.85	116.66	2038356.34	140076.75
4527.00	46.20	45.000	4390.49	82.89N	401.29E	11.57	133.85	2038372.89	140091.93
4559.00	45.40	39.800	4412.81	99.82N	416.75E	11.91	152.62	2038388.35	140108.86
4591.00	44.80	36.900	4435.40	117.59N	430.82E	6.69	172.05	2038402.41	140126.63
4622.00	45.30	35.600	4457.30	135.28N	443.79E	3.38	191.27	2038415.39	140144.32
4654.00	46.70	35.200	4479.53	154.04N	457.12E	4.47	211.59	2038428.72	140163.09
4685.00	48.20	35.100	4500.49	172.72N	470.27E	4.84	231.80	2038441.87	140181.76
4717.00	50.10	35.400	4521.42	192.48N	484.24E	5.98	253.20	2038455.84	140201.53
4748.00	52.60	35.500	4540.78	212.20N	498.28E	8.07	274.56	2038469.88	140221.25
4780.00	54.30	35.400	4559.84	233.14N	513.19E	5.32	297.25	2038484.79	140242.19
4811.00	56.20	33.700	4577.51	254.12N	527.63E	7.61	319.91	2038499.23	140263.17
4843.00	58.50	30.700	4594.77	276.92N	541.97E	10.67	344.37	2038513.58	140285.97
4875.00	60.70	27.100	4610.97	301.08N	555.30E	11.89	370.04	2038526.91	140310.13
4906.00	62.90	23.700	4625.62	325.76N	567.01E	11.99	396.02	2038538.61	140334.81
4938.00	65.20	20.100	4639.63	352.45N	577.73E	12.41	423.87	2038549.33	140361.50
4969.00	65.70	17.400	4652.51	379.15N	586.79E	8.08	451.51	2038558.40	140388.20
5001.00	65.80	17.100	4665.65	407.01N	595.44E	0.91	480.26	2038567.05	140416.07
5033.00	66.10	15.100	4678.69	435.09N	603.54E	5.78	509.14	2038575.15	140444.14
5064.00	66.00	10.500	4691.28	462.70N	609.82E	13.56	537.34	2038581.43	140471.76
5096.00	66.70	6.100	4704.13	491.70N	614.05E	12.78	566.64	2038585.65	140500.76
5127.00	67.70	2.600	4716.14	520.19N	616.21E	10.90	595.17	2038587.82	140529.25
5159.00	70.30	0.900	4727.61	550.05N	617.12E	9.52	624.89	2038588.73	140559.11
5190.00	73.20	0.100	4737.32	579.48N	617.37E	9.67	654.12	2038588.98	140588.55
5222.00	75.90	0.400	4745.84	610.32N	617.51E	8.49	684.72	2038589.12	140619.39
5254.00	79.50	0.300	4752.66	641.58N	617.70E	11.25	715.74	2038589.31	140650.65
5285.00	82.90	0.600	4757.40	672.21N	617.94E	11.01	746.15	2038589.55	140681.28
5348.00	85.40	1.000	4763.82	734.87N	618.82E	4.02	808.40	2038590.42	140743.94
5475.00	90.10	0.500	4768.80	861.73N	620.48E	3.72	934.41	2038592.08	140870.81
5575.00	89.60	0.100	4769.06	961.73N	621.00E	0.64	1033.65	2038592.61	140970.81
5634.00	89.60	359.900	4769.48	1020.72N	621.00E	0.34	1092.16	2038592.61	141029.81
5729.00	92.50	0.600	4767.74	1115.70N	621.41E	3.14	1186.39	2038593.02	141124.79
5820.00	94.30	360.000	4762.34	1206.53N	621.89E	2.08	1276.53	2038593.50	141215.62
5912.00	93.30	0.700	4756.24	1298.32N	622.45E	1.33	1367.64	2038594.06	141307.42
6003.00	92.70	360.000	4751.48	1389.20N	623.01E	1.01	1457.82	2038594.61	141398.30
6095.00	93.90	358.900	4746.18	1481.04N	622.12E	1.77	1548.79	2038593.73	141490.14
6186.00	94.20	358.900	4739.76	1571.79N	620.38E	0.33	1638.56	2038591.99	141580.90
6278.00	94.50	359.500	4732.78	1663.52N	619.10E	0.73	1729.36	2038590.71	141672.63
6369.00	93.60	359.600	4726.35	1754.29N	618.39E	1.00	1819.28	2038590.00	141763.41
6461.00	92.60	0.100	4721.38	1846.15N	618.15E	1.21	1910.35	2038589.76	141855.28
6553.00	92.10	359.900	4717.60	1938.07N	618.15E	0.59	2001.51	2038589.76	141947.20

All data is in Feet unless otherwise stated  
Coordinates are from Slot and TVD's are from Slot ( Lukins 3410 1-26H 0.00ft above Mean Sea Level )  
Vertical Section is from 0.00N 0.00E on azimuth 7.390 degrees  
Bottom hole distance is 3746.65 Feet on azimuth 9.26 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by  
Date Printed: 3-Oct-2013



Standard Wellpath Report  
Sandridge  
Sec 26 - 34S - 10W, Kansas  
Barber County  
Wellbore: Lukins 3410 1-26H (Actual)

**Wellpath (Grid) Report**

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft ]	Easting	Northing
6644.00	91.70	359.800	4714.59	2029.02N	617.91E	0.45	2091.67	2038589.52	142038.16
6736.00	91.90	359.200	4711.70	2120.97N	617.11E	0.69	2182.76	2038588.72	142130.11
6827.00	92.40	359.400	4708.28	2211.90N	616.00E	0.59	2272.79	2038587.60	142221.04
6919.00	89.70	358.800	4706.60	2303.87N	614.55E	3.01	2363.80	2038586.16	142313.01
7011.00	89.70	358.600	4707.08	2395.84N	612.46E	0.22	2454.74	2038584.07	142404.99
7102.00	89.80	358.800	4707.48	2486.82N	610.40E	0.25	2544.69	2038582.01	142495.97
7194.00	89.00	357.900	4708.44	2578.77N	607.75E	1.31	2635.54	2038579.36	142587.93
7285.00	90.10	357.800	4709.15	2669.70N	604.34E	1.21	2725.28	2038575.94	142678.87
7377.00	89.70	357.200	4709.31	2761.62N	600.32E	0.78	2815.91	2038571.93	142770.78
7472.00	90.00	357.000	4709.56	2856.49N	595.52E	0.38	2909.38	2038567.13	142865.67
7567.00	91.10	357.700	4708.65	2951.39N	591.13E	1.37	3002.92	2038562.73	142960.56
7662.00	91.20	358.200	4706.74	3046.31N	587.73E	0.54	3096.61	2038559.34	143055.49
7756.00	90.30	0.600	4705.51	3140.28N	586.74E	2.73	3189.68	2038558.35	143149.47
7851.00	89.80	1.800	4705.43	3235.26N	588.73E	1.37	3284.13	2038560.34	143244.45
7946.00	90.90	1.400	4704.85	3330.22N	591.39E	1.23	3378.64	2038562.99	143339.42
8041.00	91.00	2.300	4703.28	3425.16N	594.45E	0.95	3473.18	2038566.06	143434.36
8136.00	91.20	2.300	4701.45	3520.06N	598.26E	0.21	3567.79	2038569.87	143529.27
8231.00	91.70	1.400	4699.05	3614.98N	601.33E	1.08	3662.31	2038572.94	143624.19
8270.00	93.80	1.000	4697.18	3653.93N	602.15E	5.48	3701.04	2038573.75	143663.14
8314.00	93.80	1.000	4694.26	3697.82N	602.91E	==>	3744.67	2038574.52	143707.04

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Lukins 3410 1-26H 0.00ft above Mean Sea Level )  
Vertical Section is from 0.00N 0.00E on azimuth 7.390 degrees  
Bottom hole distance is 3746.65 Feet on azimuth 9.26 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by  
Date Printed: 3-Oct-2013

Standard Wellpath Report  
Sandridge  
Sec 26 - 34S - 10W, Kansas  
Barber County  
Wellbore: Lukins 3410 1-26H (Actual)

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Lukins 3410 1-26H 0.00ft above Mean Sea Level )  
Vertical Section is from 0.00N 0.00E on azimuth 7.390 degrees  
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Prepared by  
Date Printed: 3-Oct-2013



**BASIN SERVICES, LLC**  
 P O BOX 4268  
 ABILENE, TX 79608-4268  
 Phone # (325)690-0053  
 Fax # (325)698-0055

# TICKET

TICKET NUMBER: WY-108-1  
 TICKET DATE: 09/02/2013

**ELECTRONIC**

SANDRIDGE ENERGY  
 \*\*\*\*\* DO NOT MAIL!!! \*\*\*\*\*  
 123 ROBERT S KERR AVE  
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK  
 LEASE: Lukins 34140  
 WELL#: 1-26H  
 RIG #: Lariat 45  
 Co/St: BARBER, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
9/2/2013 DRILLED 30" CONDUCTOR HOLE			
9/2/2013 20" CONDUCTOR PIPE (.250 WALL)			
9/2/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
9/2/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN			
9/2/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
9/2/2013 16" CONDUCTOR PIPE (.250 WALL)			
9/2/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
9/2/2013 WELDING SERVICES FOR PIPE & LIDS			
9/2/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
9/2/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
9/2/2013 14 YDS OF 10 SACK GROUT			5,340.00
9/2/2013 TAXABLE ITEMS			11,610.00
9/2/2013 BID-TAXABLE ITEMS			
		Sub Total:	16,950.00
		Tax BARBER COUNTY (7.3 %):	389.82
		<b>TICKET TOTAL:</b>	<b>\$ 17,339.82</b>

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3049</b>	TICKET DATE <b>09/20/13</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Bill Torbett</b>	
LEASE NAME <b>Lukins 3410</b>	Well No. <b>1-26H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>ROBERT BURRIS</b>	

EMP NAME					
Robert Burris		0			
Mike Hall					
Cheryl Newton					
Joseph Klemm					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0

Bottom Hole Temp. \_\_\_\_\_ 80 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 950

	Called Out	On Location	Job Started	Job Completed
Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013
Time	12:00	14:00	20:28	22:00

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		36#	9 5/8"		Surface	956
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	950
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		10 8.33
Spacer type	BBL.		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/20	8.0	9/20	1.0	Surface
Total	8.0	Total	1.0	

Perfoac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX	1,500 PSI
AVG.	275
Average Rates in BPM	
MAX	6 BPM
AVG	4
Cement Left in Pipe	
Feet	46
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	295	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	11.11	2.01	12.40
2	160	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush	_____	Type:	_____	Preflush:	BBI 10.00
Breakdown	_____	MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI N/A
	_____	Lost Returns-N	NO/FULL	Excess /Return	BBI 48
	_____	Actual TOC	SURFACE	Calc. Disp Bbl	70
Average	_____	Bump Plug PSI:	1,000	Final Circ.	PSI: SURFACE 450
ISIP _____	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurry:	BBI 144.0
				Total Volume	BBI 224.00

CUSTOMER REPRESENTATIVE Bill Torbett SIGNATURE



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3061</b>	TICKET DATE <b>09/27/13</b>
COUNTY <b>Barber</b>	STATE <b>Oklahoma</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Bill Torbett</b>	
LEASE NAME <b>Lukins 3410</b>	Well No. <b>1-26H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Arthur Setzer</b>	

EMP NAME	0				
Arthur Setzer					
Bryan Douglas					
Robert Stonehocker					
Wallace Berry					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **3,707**

Bottom Hole Temp. **155** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5663**

Date	Called Out	On Location	Job Started	Job Completed
	<b>9/26/2013</b>	<b>9/27/2013</b>	<b>9/27/2013</b>	<b>9/27/2013</b>
Time	<b>2200</b>	<b>0700</b>	<b>0900</b>	<b>1100</b>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data					
	New/Used	Weight	Size	Grade	From To Max. Allow
Casing		26#	7"		Surface 5,625 5,000
Liner					
Liner					
Tubing			0		
Drill Pipe					
Open Hole			8 3/4"	Surface	5,688 Shots/Ft.
Perforations					
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		20 8.33
Spacer type	Caustic BBL.		10 8.40
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/27	4.0	9/27	2.0	Intermediate
Total	4.0	Total	2.0	

Pressures	
5,000 PSI	700
Average Rates in BPM	
8 BPM	6
Cement Left in Pipe	
89	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	230	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.4% C-41P	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush	10	Type: Caustic	Preflush: BBI	30.00	Type: Gel Spacer
Breakdown		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal
		Lost Returns-N	Excess /Return BBI	N/A	Calc. Disp Bbl
		Actual TOC	Calc. TOC:	3,610	Actual Disp.
Average		Bump Plug PSI:	Final Circ. PSI:	700	Disp: Bbl
			Cement Slurry: BBI	79.0	
			Total Volume	BBI	321.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_ *Bill Torbett* SIGNATURE