



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1190457  
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: \_\_\_\_\_

1190457

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. 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Krug 1725 1-34H
Doc ID	1190457

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5059-5061	71 bbls 15% NEFE Acid & 189 bbls of fresh water	5059-5150
4	5092-5094		
4	5120-5122		
4	5148-5150		
4	5189-5191	71 bbls of 15% NEFE Acid & 196 bbls of fresh water	5189-5288
4	5224-5226		
4	5249-5251		
4	5286-5288		
	5339-5341		
4	5357-5359		
4	5376-5378		
4	5411-5413		
4	5454-5456	71 bbls of 15% NEFE Acid & 196 bbls of fresh water	5454-5552
4	5491-5493		
4	5524-5552		
4	5590-5627	71 bbls of 15% NEFE acid & 199 bbls of fresh water	5590-5683
4	5660-5683		
4	5738-5764		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Krug 1725 1-34H
Doc ID	1190457

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5794-5826		
4	5856-5876	71 bbls of 15% NEFE Acid & 202 bbls of fresh water	5856-5962
4	5899-5962		
4	5994-6071	71 bbls of 15% NEFE Acid & 207 bbls of fresh water	5994-6103
4	6101-6140		
4	6174-6206		
4	6223-6225	Acid Treat. 65 bbls NEFE 15 % & 146 bbls fresh water	6254-6273







Standard Wellpath Report  
Sandridge  
Sec 34 - 17S - 25W, Kansas  
Ness County  
Wellbore: Krug 1725 1-34H (Actual)

**Wellbore**

Name	Created	Last Revised
Krug 1725 1-34H (Actual)	31-Oct-2013	25-Nov-2013

**Well**

Name	Government ID	Last Revised
Krug 1725 1-34H		31-Oct-2013

**Slot**

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Krug 1725 1-34H	679795.8420	1550050.5410	N38 31 23.4089	W100 4 21.8037	250.84N	2236.48W

**Installation**

Name	Easting	Northing	Coord System Name	North Alignment
Ness County	1552287.0000	679545.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Field**

Name	Easting	Northing	Coord System Name	North Alignment
Sec 34 - 17S - 25W	1552287.0000	679545.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Created By**

**Comments**

FINAL SURVEYS:  
MD 6273 is a projection to bit @ TD



Standard Wellpath Report  
 Sandridge  
 Sec 34 - 17S - 25W, Kansas  
 Ness County  
 Wellbore: Krug 1725 1-34H (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	1550050.54	679795.84
1472.00	0.70	7.300	1471.96	8.92N	1.14E	0.05	8.94	1550051.68	679804.76
1567.00	1.00	304.500	1566.95	9.96N	0.53E	0.97	9.97	1550051.07	679805.81
1659.00	2.30	202.400	1658.93	8.71N	0.83W	2.93	8.70	1550049.71	679804.55
1752.00	3.20	195.300	1751.82	4.48N	2.23W	1.03	4.45	1550048.31	679800.32
1844.00	5.60	183.500	1843.54	2.48S	3.18W	2.77	-2.52	1550047.36	679793.37
1936.00	6.60	187.100	1935.02	12.20S	4.11W	1.16	-12.26	1550046.43	679783.64
2029.00	6.60	199.800	2027.41	22.54S	6.58W	1.57	-22.63	1550043.96	679773.31
2121.00	7.00	184.500	2118.77	33.10S	8.81W	2.01	-33.23	1550041.73	679762.74
2213.00	6.90	175.900	2210.10	44.20S	8.85W	1.14	-44.33	1550041.69	679751.64
2305.00	6.10	178.800	2301.51	54.60S	8.36W	0.94	-54.72	1550042.18	679741.24
2398.00	5.70	175.600	2394.01	64.15S	7.90W	0.56	-64.26	1550042.64	679731.70
2490.00	6.00	174.400	2485.53	73.49S	7.08W	0.35	-73.59	1550043.46	679722.36
2583.00	5.80	174.000	2578.04	83.00S	6.11W	0.22	-83.08	1550044.43	679712.85
2678.00	5.50	175.800	2672.58	92.31S	5.28W	0.37	-92.38	1550045.26	679703.53
2773.00	5.50	179.300	2767.14	101.40S	4.89W	0.35	-101.47	1550045.65	679694.44
2867.00	5.40	186.600	2860.72	110.30S	5.34W	0.74	-110.37	1550045.20	679685.54
2961.00	5.60	178.800	2954.29	119.28S	5.76W	0.82	-119.36	1550044.79	679676.56
3054.00	4.90	182.300	3046.90	127.79S	5.82W	0.83	-127.86	1550044.72	679668.06
3148.00	4.20	181.200	3140.60	135.24S	6.05W	0.75	-135.32	1550044.49	679660.60
3243.00	2.90	187.100	3235.42	141.10S	6.42W	1.42	-141.19	1550044.12	679654.74
3338.00	1.50	180.500	3330.34	144.73S	6.73W	1.50	-144.82	1550043.81	679651.11
3432.00	0.70	168.000	3424.33	146.52S	6.62W	0.88	-146.61	1550043.92	679649.32
3528.00	0.40	121.700	3520.32	147.27S	6.22W	0.53	-147.35	1550044.33	679648.57
3591.00	1.00	5.800	3583.32	146.84S	5.97W	1.95	-146.92	1550044.57	679649.00
3622.00	3.20	17.000	3614.30	145.74S	5.69W	1.19	-145.82	1550044.85	679650.10
3654.00	5.60	8.800	3646.20	143.35S	5.19W	7.73	-143.41	1550045.35	679652.50
3686.00	8.20	4.400	3677.96	139.53S	4.78W	8.29	-139.59	1550045.76	679656.31
3718.00	10.30	2.000	3709.55	134.39S	4.50W	6.67	-134.45	1550046.04	679661.45
3749.00	12.60	0.600	3739.93	128.24S	4.37W	7.47	-128.29	1550046.17	679667.60
3781.00	15.20	0.900	3770.99	120.56S	4.27W	8.13	-120.61	1550046.27	679675.29
3813.00	17.70	1.000	3801.68	111.50S	4.12W	7.81	-111.55	1550046.42	679684.35
3844.00	20.00	358.900	3831.01	101.48S	4.14W	7.73	-101.53	1550046.40	679694.36
3875.00	22.50	358.800	3859.90	90.25S	4.36W	8.07	-90.31	1550046.18	679705.59
3907.00	24.50	359.900	3889.25	77.49S	4.50W	6.40	-77.55	1550046.04	679718.35
3939.00	26.90	1.900	3918.08	63.62S	4.27W	7.97	-63.68	1550046.27	679732.22
3970.00	28.30	2.200	3945.55	49.27S	3.76W	4.54	-49.32	1550046.78	679746.58
4002.00	30.40	1.900	3973.44	33.59S	3.20W	6.58	-33.64	1550047.34	679762.25
4033.00	32.80	1.200	3999.84	17.36S	2.76W	7.83	-17.40	1550047.78	679778.48
4064.00	34.30	1.100	4025.68	0.23S	2.42W	4.84	-0.27	1550048.12	679795.61
4096.00	36.70	1.100	4051.73	18.35N	2.06W	7.50	18.32	1550048.48	679814.19
4127.00	39.10	1.000	4076.19	37.39N	1.72W	7.74	37.36	1550048.83	679833.23
4159.00	42.10	1.500	4100.48	58.20N	1.26W	9.43	58.18	1550049.28	679854.05
4190.00	45.10	2.500	4122.93	79.57N	0.51W	9.93	79.55	1550050.03	679875.41
4222.00	48.30	3.600	4144.87	102.82N	0.74E	10.31	102.82	1550051.28	679898.66
4253.00	51.40	3.100	4164.86	126.47N	2.12E	10.08	126.49	1550052.66	679922.31
4285.00	54.10	2.300	4184.23	151.91N	3.32E	8.67	151.94	1550053.86	679947.75
4316.00	56.20	2.300	4201.94	177.33N	4.34E	6.77	177.38	1550054.88	679973.17
4347.00	59.60	1.900	4218.41	203.57N	5.30E	11.02	203.63	1550055.84	679999.41
4379.00	62.70	1.500	4233.85	231.58N	6.13E	9.75	231.65	1550056.67	680027.42
4411.00	65.80	1.800	4247.75	260.39N	6.96E	9.72	260.46	1550057.50	680056.23
4443.00	68.30	2.300	4260.23	289.83N	8.01E	7.94	289.92	1550058.55	680085.67
4474.00	70.30	2.400	4271.18	318.81N	9.20E	6.46	318.91	1550059.74	680114.65
4505.00	73.00	3.000	4280.94	348.19N	10.59E	8.90	348.32	1550061.13	680144.03
4537.00	75.80	3.500	4289.55	378.96N	12.34E	8.88	379.11	1550062.88	680174.80
4568.00	79.00	3.600	4296.31	409.15N	14.21E	10.33	409.32	1550064.75	680204.99
4600.00	81.10	2.900	4301.84	440.62N	16.00E	6.91	440.81	1550066.54	680236.46
4631.00	83.30	2.400	4306.05	471.30N	17.42E	7.27	471.51	1550067.96	680267.14
4663.00	85.90	2.400	4309.06	503.13N	18.75E	8.13	503.36	1550069.29	680298.96
4694.00	87.60	3.200	4310.81	534.04N	20.26E	6.06	534.29	1550070.80	680329.87
4726.00	88.00	3.600	4312.04	565.96N	22.16E	1.77	566.23	1550072.70	680361.79
4758.00	87.70	3.000	4313.24	597.88N	24.00E	2.10	598.18	1550074.54	680393.72
4789.00	87.80	3.000	4314.46	628.82N	25.62E	0.32	629.14	1550076.16	680424.65
4821.00	87.70	2.600	4315.72	660.75N	27.18E	1.29	661.09	1550077.72	680456.59
4853.00	87.80	2.100	4316.97	692.70N	28.49E	1.59	693.06	1550079.03	680488.54
4884.00	87.90	1.600	4318.14	723.66N	29.49E	1.64	724.03	1550080.03	680519.50
4916.00	89.20	1.300	4318.95	755.64N	30.30E	4.17	756.02	1550080.84	680551.48
4948.00	90.10	0.800	4319.14	787.64N	30.89E	3.22	788.02	1550081.43	680583.47
4979.00	91.80	1.200	4318.63	818.63N	31.43E	5.63	819.01	1550081.97	680614.46
5067.00	91.40	359.900	4316.17	906.59N	32.28E	1.55	906.97	1550082.82	680702.42

All data is in Feet unless otherwise stated  
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Krug 1725 1-34H 0.00ft above Mean Sea Level)  
 Vertical Section is from 0.00N 0.00E on azimuth 0.880 degrees  
 Bottom hole distance is 2110.99 Feet on azimuth 359.55 degrees from Wellhead  
 Calculation method uses Minimum Curvature method  
 Prepared by  
 Date Printed: 25-Nov-2013





Standard Wellpath Report  
 Sandridge  
 Sec 34 - 17S - 25W, Kansas  
 Ness County  
 Wellbore: Krug 1725 1-34H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
5162.00	89.00	0.500	4315.84	1001.58N	32.61E	2.60	1001.96	1550083.15	680797.41
5259.00	88.30	0.500	4318.12	1098.55N	33.45E	0.72	1098.93	1550083.99	680894.38
5354.00	89.90	359.600	4319.62	1193.53N	33.54E	1.93	1193.90	1550084.08	680989.36
5449.00	87.40	357.700	4321.85	1288.47N	31.30E	3.30	1288.79	1550081.84	681084.29
5545.00	88.30	357.000	4325.46	1384.29N	26.86E	1.19	1384.54	1550077.40	681180.12
5640.00	89.90	355.900	4326.95	1479.09N	20.98E	2.04	1479.24	1550071.52	681274.92
5736.00	90.50	356.400	4326.61	1574.88N	14.54E	0.81	1574.91	1550065.08	681370.70
5832.00	89.90	356.000	4326.28	1670.66N	8.17E	0.75	1670.59	1550058.71	681466.49
5928.00	89.80	355.900	4326.53	1766.42N	1.39E	0.15	1766.24	1550051.93	681562.25
6023.00	90.10	356.800	4326.61	1861.23N	4.65W	1.00	1860.94	1550045.89	681657.05
6119.00	90.90	357.000	4325.77	1957.09N	9.85W	0.86	1956.70	1550040.70	681752.91
6227.00	90.70	357.800	4324.27	2054.96N	14.74W	0.76	2064.49	1550035.80	681860.78
6273.00	90.70	357.800	4323.70	2110.93N	16.51W	==>	2110.42	1550034.03	681906.75

All data is in Feet unless otherwise stated  
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Krug 1725 1-34H 0.00ft above Mean Sea Level )  
 Vertical Section is from 0.00N 0.00E on azimuth 0.880 degrees  
 Bottom hole distance is 2110.99 Feet on azimuth 359.55 degrees from Wellhead  
 Calculation method uses Minimum Curvature method  
 Prepared by  
 Date Printed: 25-Nov-2013



Standard Wellpath Report  
Sandridge  
Sec 34 - 17S - 25W, Kansas  
Ness County  
Wellbore: Krug 1725 1-34H (Actual)

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Prepared by  
Date Printed: 25-Nov-2013



**INVOICE**

DATE	INVOICE #
10/24/2013	4333

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
NESS, KS	10/24/2013	3325	HORIZON 4	KRUG 1725 1-34H	Due on rec...

**Description**

DRILLED 60' OF 30" CONDUCTOR HOLE  
 DRILLED 6' OF 76" HOLE  
 FURNISHED AND SET 6' X 6' TINHORN CELLAR  
 FURNISHED 60' OF 20" CONDUCTOR PIPE  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 7 YARDS OF GRADE A CEMENT  
 DRILL MOUSE HOLE  
 FURNISHED 30' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE

TOTAL BID \$ 13,000.00

<b>Sales Tax (6.15%)</b>	\$94.83
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<b>TOTAL</b>	\$13,094.83
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# ALLIED OIL & GAS SERVICES, LLC 059995

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Medicine Lodge, KS

DATE <u>11-10-2013</u>	SEC <u>34</u>	TWP <u>17S</u>	RANGE <u>25W</u>	CALLED OUT <u>9:00 am</u>	ON LOCATION <u>3:00 pm</u>	JOB START <u>11-11 3:10 pm</u>	JOB FINISH <u>11-11 7:45 pm</u>
LEASE <u>Krug 1725</u>	WELL # <u>1-34H</u>	LOCATION <u>Ness City KS</u>	<u>West on 96</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>to Rd L, N to Rd 180, 2W, Hinto</u>					

CONTRACTOR Horizon #4  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 1445'  
 CASING SIZE 9 5/8 DEPTH 1461'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 2,000 MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 43'  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 112 bbls of fresh water

OWNER SonRise Energy

CEMENT  
 AMOUNT ORDERED 475sx 65:35:6% 10601  
2% CC + 1/4 # Plases, 215sx C198SB + 2%  
CC + 1/4 # Plases

COMMON <u>C198SB 215sx @ 17.90</u>	<u>3,848.50</u>
POZMIX _____ @ _____	_____
GEL _____ @ _____	_____
CHLORIDE <u>175x @ 64.00</u>	<u>1,088.00</u>
ASC _____ @ _____	_____
<u>BLW 475sx @ 16.50</u>	<u>7,837.50</u>
<u>Plases 173 lbs @ 2.97</u>	<u>513.81</u>
<u>Additional 1 hour @ 440.00</u>	<u>3,520.00</u>
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
HANDLING <u>767.20 cwt @ 2.48</u>	<u>1,902.66</u>
MILEAGE <u>1308.35 ton mile @ 2.60</u>	<u>3,401.71</u>
TOTAL	<u>22,112.18</u>

EQUIPMENT

PUMP TRUCK # 568-555 CEMENTER Darin F. 1  
 HELPER Scott P. 2  
 BULK TRUCK # 561553 DRIVER James B. 3  
 BULK TRUCK # 364 DRIVER Jason T. 1

REMARKS:

Pipe on bottom & break circulation, pump 10 bbls water, mix 475sx less cement, mix 215sx + 9.7 Cement, shut down, Release Plus, start displacement, slow rate to 3 bpm @ 100 bbls, bump plus @ 112 bbls 700-1300 PSI, float did hold, cement did circulate 40 bbls to pit

AFE Number: DL13304  
 CHARGE TO Well Name: Krug 1725 1-34H  
 STREET Code: 830-360  
 Amount: 25,269.79  
 CITY Co. Man: STATS Sales ZIP \_\_\_\_\_  
 Co. Man Sig.: J. S. L.  
 Notes: \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME x Luis S. L.  
 SIGNATURE x J. S. L.  
 Thank You!!!

SERVICE

DEPTH OF JOB _____	_____
PUMP TRUCK CHARGE _____	<u>2213.75</u>
EXTRA FOOTAGE _____ @ _____	_____
MILEAGE <u>40 @ 7.70</u>	<u>308.00</u>
MANIFOLD <u>Hecarents</u> @ _____	<u>275.00</u>
<u>Light vehicle 40 @ 4.40</u>	<u>176.00</u>
_____ @ _____	_____
TOTAL	<u>2972.75</u>

PLUG & FLOAT EQUIPMENT

<u>9 5/8 1-Rubber Plug @ 184.86</u>	<u>184.86</u>
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____

SALES TAX (If Any) 828.56 TOTAL 184.86  
1045.04  
 TOTAL CHARGES 25,269.79  
 DISCOUNT 3090 IF PAID IN 30 DAYS  
7580.94  
\$ 17,688.85

# ALLIED OIL & GAS SERVICES, LLC 062401

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Medicine Lodge, KS

DATE <u>11-19-2013</u>	SEC <u>34</u>	TWP <u>17S</u>	RANGE <u>25E</u>	CALLED OUT <u>12:00 pm</u>	ON LOCATION <u>10:00 pm</u>	JOB START <u>11:30 pm</u>	JOB FINISH <u>12:30 am</u>
LEASE <u>Krug 1725</u>	WELL # <u>1-34H</u>	LOCATION <u>Ness City, KS West to Rd L</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)			north to DE, west to R's				

CONTRACTOR Horizon #4

TYPE OF JOB Enterprise

HOLE SIZE 8 7/8 TD 5034

CASING SIZE 7" 261b DEPTH 5039

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 88'

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 189 bbls Fresh Water

EQUIPMENT

OWNER Squad Rig Energy

CEMENT

AMOUNT ORDERED 2400y 50150 b1p02

2% 601 +, 4% FL160 + 1% C-51

100% class b +, 8% FL160 +, 2% CD-31

COMMON Class B 100sr @ 17.90 1790.00

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

Ally 50150 Dms 240 @ 14.40 3456.00

Super Plus 80 bbls @ 58.70 1761.00

FL160 157 lbs @ 18.90 2967.30

SBS1 21 lbs @ 17.55 364.55

CD 31 19 lbs @ 10.30 195.70

Additional hrs 9 @ 440.00 3960.00

HANDLING 351.84 @ 2.48 872.56

MILEAGE 603.16 @ 2.60 1568.22

TOTAL 16,939.33

PUMP TRUCK # 558 (555) CEMENTER Darin F. 1

BULK TRUCK # \_\_\_\_\_ HELPER Scott P. 2

BULK TRUCK # \_\_\_\_\_ DRIVER Greathend-DAN S. 3

BULK TRUCK # \_\_\_\_\_ DRIVER Marlyn 3

**REMARKS:**

Pipe on bottom to break circulation, pressure  
lost to 2, occupy, pump 80 bbls flush, run  
240sr loss cement, 100sr tail cement, slur  
down, Release pipe, Start displacement  
lift pressure at 80 bbls, slow run to 70m  
at 180 bbls, bump pipe at 189 bbls  
900-1400 psi, Plug die hole

**SERVICE**

DEPTH OF JOB 5039

PUMP TRUCK CHARGE \_\_\_\_\_ 3099.25

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 40 @ 7.70 308.00

MANIFOLD Hess 20 @ 275.00

Wish Valve 40 @ 4.40 176.00

TOTAL 3858.25

CHARGE # DC13304

STREET Well Name: Krug 1725 1-34H

CITY Code: 830-370

Amount 14627.92 ZIP \_\_\_\_\_

Co. Man: Luis Garcia

Co. Man Sig: \_\_\_\_\_

Notes: \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

71

1-Rubber @ 1.25 @ 99.45

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 99.45

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) 897.77

TOTAL CHARGES 20,897.03

DISCOUNT 30% IF PAID IN 30 DAYS

6269.11

**\$14627.92**

PRINTED NAME X

SIGNATURE X

Thank you!!!