



KANSAS CORPORATION COMMISSION 1104393

Form ACO-1
June 2009

CONFIDENTIAL

OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32811
Name: OSAGE Resources, LLC
Address 1: 6209 N Old K61 HWY
Address 2:
City: HUTCHINSON State: KS Zip: 67502 + 8608
Contact Person: Brooke Walter
Phone: (620) 664-9622
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Curtis Covey

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
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

11/8/2012 11/27/2012 12/1/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-007-23963-01-00
Spot Description:
NE SE SW NW Sec. 18 Twp. 33 S. R. 13 East West
2216 Feet from North / South Line of Section
999 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Osage Well #: 3313 18-07 HC
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1859 Kelly Bushing: 1876
Total Depth: 4900 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 208 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: 59000 ppm Fluid volume: 1800 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

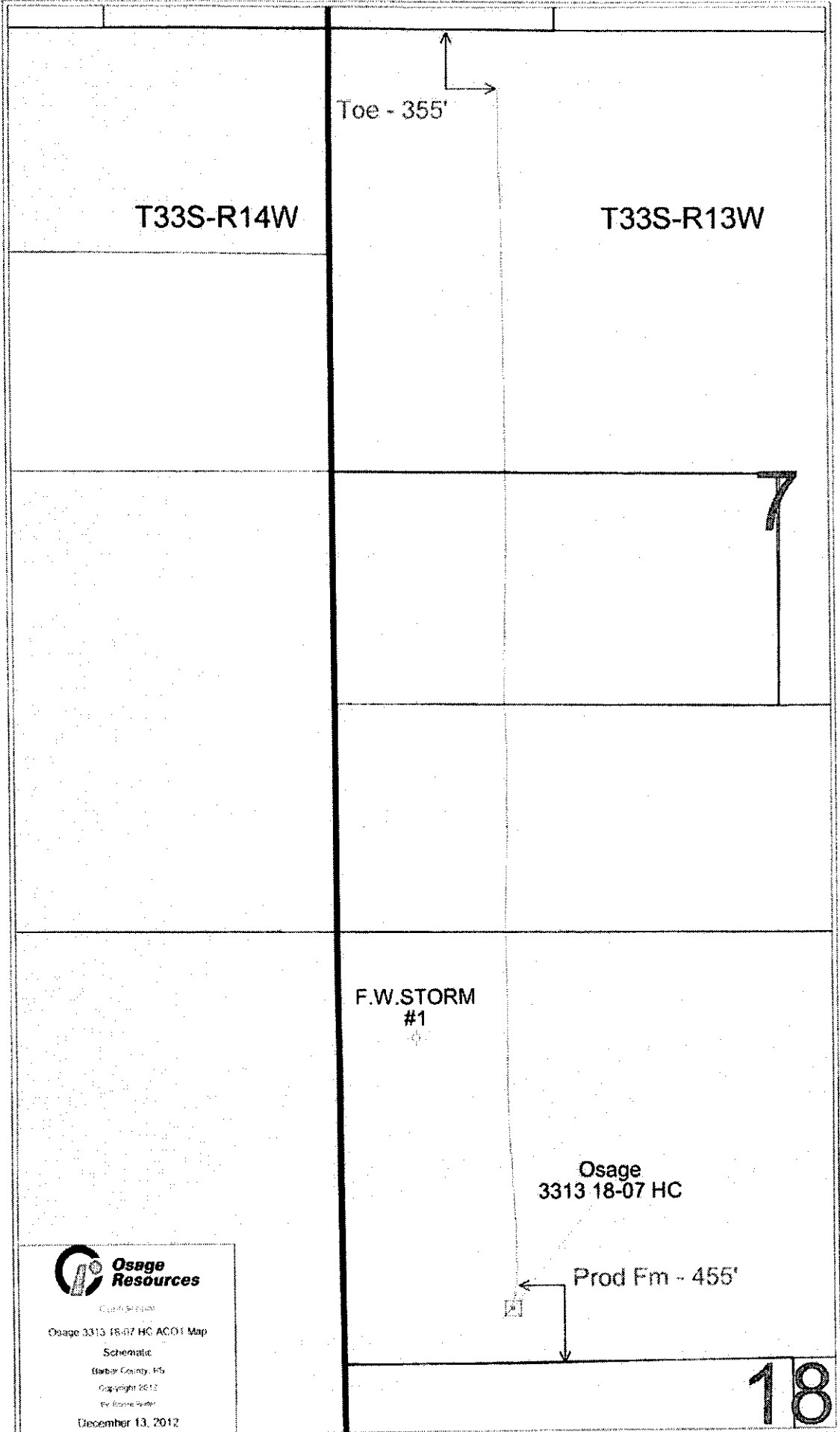
AFFIDAVIT


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

Letter of Confidentiality Received
Date: 12/13/2012
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NACM: JAMES Date: 12/14/2012



 **Osage Resources**
Copyright © 2012
Osage 3313 18-07 HC ACO1 Map
Schematic
Barber County, KS
Copyright 2012
By Bruce Weber
December 13, 2012

T33S-R15W

Osage
124

Toe - 1573'

24

Osage
110

CLINE-MILLS B

1

Osage
109

Osage
115 SWD

Prod Em - 391'



Confidential

Osage 3315 25-03 HC ACO1 Map

Schematic

Barber County, KS

Copyright 2012

By: [unclear]

December 13, 2012

25

Osage
HC3

Osage
3315 25-03 HC

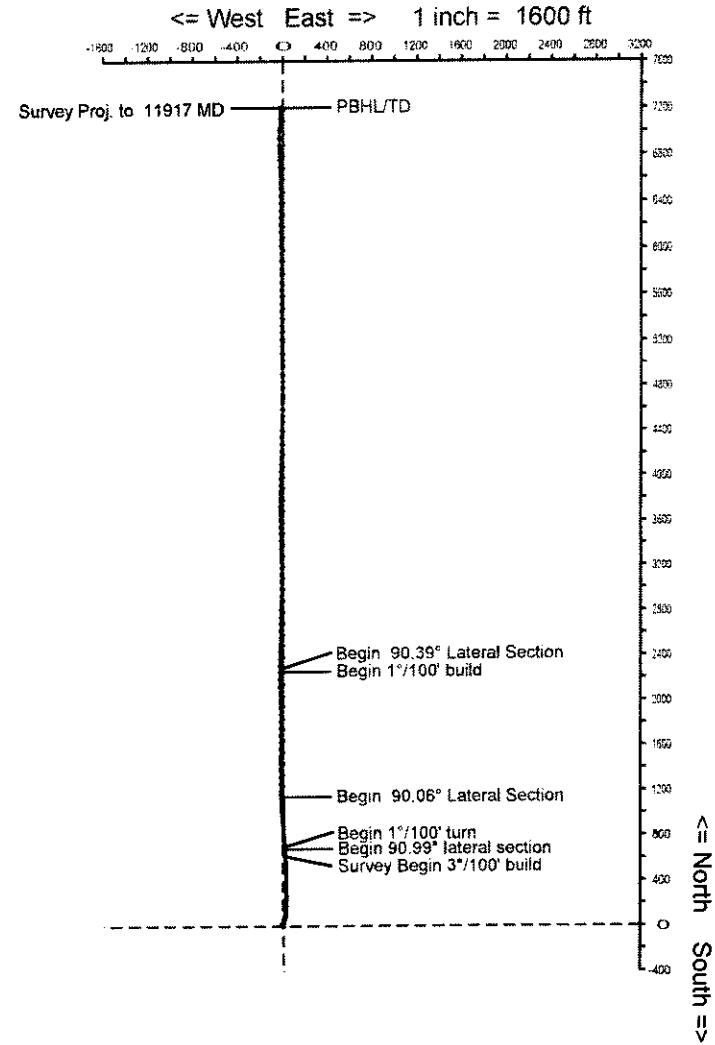
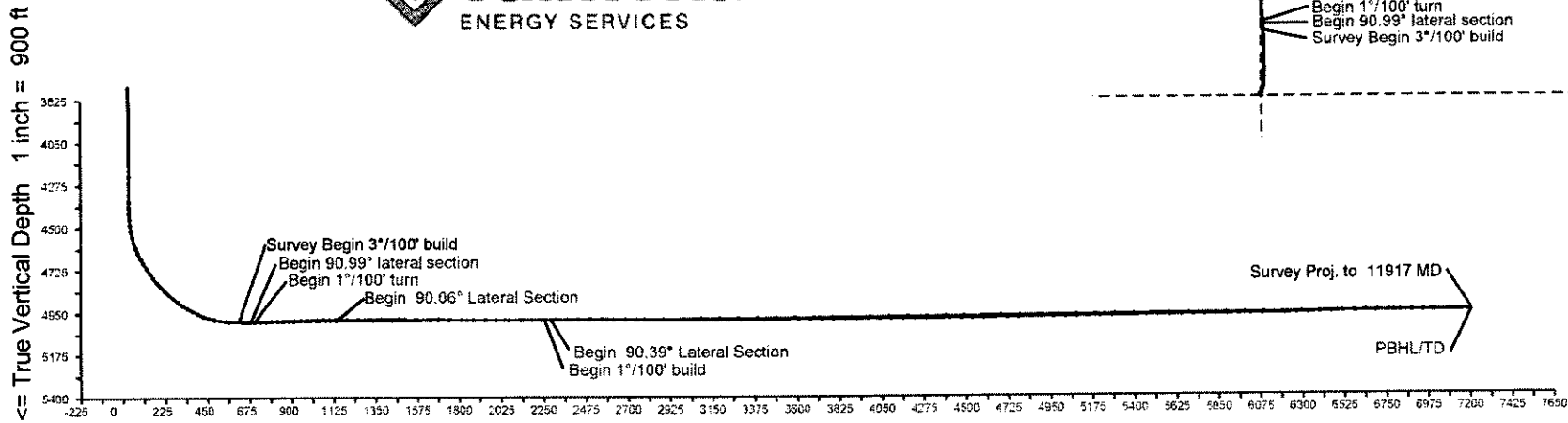
Osage
HC1

Osage Resources

Osage No. 3313 18-07 HC

WELL PROFILE DATA rev2									
MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment	11-17-2012	
5325	89.04	356.50	4994	615	16	0.00	Survey Begin 3°/100' build		
5390	90.99	356.50	4994	680	12	3.00	Begin 90.99° lateral section		
5409	90.99	356.50	4994	699	11	0.00	Begin 1°/100' turn		
5852	90.06	0.00	4987	1141	-0	1.00	Begin 90.06° Lateral Section		
6963	90.06	0.00	4986	2253	0	0.00	Begin 1°/100' build		
6996	90.39	360.00	4986	2285	0	1.00	Begin 90.39° Lateral Section		
11914	90.39	360.00	4953	7204	0	0.00	PBHL/TD		

WELL PROFILE DATA svys									
MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment	11-28-2012	
11917	91.00	0.40	4950	7204	-26	0.00	Survey Proj. to 11917 MD		



Calmena Energy Services

Company: Osage Resources
 Well: Osage No. 3313 18-07 HC
 Location:

Date: 28-Nov-2012
 Surveys
 Page 1
 Job#: 6883

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
Surface Location								N 37.17471 W 98.7817 RKB=1876
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
510.00	0.60	305.10	509.99	1.54	-2.18	0.12	1.54	
974.00	0.80	317.60	973.96	5.32	-6.36	0.05	5.32	
1441.00	0.60	277.40	1440.92	8.05	-10.98	0.11	8.05	
1910.00	0.50	252.70	1909.90	7.75	-15.37	0.05	7.75	
2373.00	0.70	20.00	2372.89	9.81	-16.33	0.23	9.81	
2832.00	0.50	33.00	2831.87	14.13	-14.28	0.05	14.13	
3296.00	1.50	48.00	3295.79	19.89	-8.66	0.22	19.89	
3760.00	0.80	36.40	3759.69	26.56	-2.23	0.16	26.56	
4224.00	0.50	84.00	4223.67	29.38	1.71	0.13	29.38	
4360.00	0.50	104.60	4359.66	29.29	2.87	0.13	29.29	
4391.00	0.60	78.90	4390.66	29.29	3.16	0.85	29.29	
4422.00	2.50	29.70	4421.65	29.91	3.66	6.96	29.91	
4453.00	5.70	18.40	4452.57	31.95	4.48	10.60	31.95	
4484.00	8.20	17.40	4483.33	35.53	5.62	8.07	35.53	
4515.00	11.50	16.00	4513.87	40.61	7.14	10.67	40.61	
4546.00	14.60	15.30	4544.07	47.35	9.02	10.01	47.35	
4577.00	18.10	13.20	4573.81	55.81	11.15	11.45	55.81	
4607.00	21.20	10.50	4602.06	65.68	13.20	10.76	65.68	
4638.00	24.50	7.90	4630.63	77.56	15.11	11.13	77.56	
4669.00	27.80	6.80	4658.45	91.11	16.85	10.76	91.11	
4700.00	30.70	5.40	4685.49	106.17	18.45	9.61	106.17	
4731.00	32.90	5.60	4711.84	122.43	20.02	7.10	122.43	
4762.00	35.80	5.10	4737.43	139.84	21.65	9.40	139.84	
4792.00	38.20	4.70	4761.39	157.83	23.19	8.04	157.83	
4823.00	40.10	4.00	4785.43	177.35	24.67	6.29	177.35	
4854.00	42.60	2.60	4808.70	197.79	25.84	8.60	197.79	
4885.00	45.50	1.20	4830.98	219.33	26.55	9.87	219.33	
4916.00	48.40	0.30	4852.14	241.98	26.84	9.59	241.98	
4947.00	51.20	359.40	4872.14	265.65	26.77	9.30	265.65	

Calmena Energy Services

Date: 28-Nov-2012

Surveys

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Job# : 6883

Company: Osage Resources
 Well: Osage No. 3313 18-07 HC
 Location:

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
4978.00	54.40	359.60	4890.88	290.34	26.56	10.34	290.34	
5009.00	58.50	358.90	4908.01	316.17	26.22	13.36	316.17	
5040.00	61.20	358.90	4923.58	342.97	25.70	8.71	342.97	
5071.00	63.50	359.30	4937.97	370.42	25.27	7.51	370.42	
5102.00	66.10	358.90	4951.16	398.46	24.83	8.47	398.46	
5133.00	68.90	359.30	4963.03	427.10	24.38	9.11	427.10	
5163.00	72.80	358.60	4972.87	455.43	23.86	13.19	455.43	
5194.00	77.30	358.00	4980.86	485.36	22.97	14.64	485.36	
5225.00	81.70	357.20	4986.51	515.80	21.69	14.42	515.80	
5256.00	84.60	356.50	4990.21	546.53	20.00	9.62	546.53	
5276.00	85.40	356.50	4991.95	566.42	18.79	4.00	566.42	
5348.00	89.50	357.10	4995.15	638.22	14.77	5.75	638.22	
5378.00	90.60	356.90	4995.13	668.18	13.20	3.73	668.18	
5409.00	91.10	356.80	4994.67	699.13	11.50	1.64	699.13	
5440.00	91.40	356.60	4993.99	730.07	9.72	1.16	730.07	
5471.00	91.90	356.60	4993.10	761.00	7.88	1.61	761.00	
5503.00	92.00	356.20	4992.01	792.92	5.87	1.29	792.92	
5534.00	92.00	356.20	4990.93	823.83	3.82	0.00	823.83	
5565.00	92.20	355.90	4989.79	854.74	1.68	1.16	854.74	
5596.00	91.60	356.00	4988.76	885.64	-0.51	1.96	885.64	
5627.00	92.10	356.00	4987.76	916.55	-2.67	1.61	916.55	
5658.00	92.70	355.90	4986.46	947.45	-4.86	1.96	947.45	
5689.00	92.30	355.90	4985.11	978.34	-7.07	1.29	978.34	
5720.00	91.60	356.20	4984.06	1009.25	-9.20	2.46	1009.25	
5751.00	91.30	356.00	4983.27	1040.17	-11.31	1.16	1040.17	
5781.00	90.70	357.50	4982.75	1070.11	-13.01	5.38	1070.11	
5812.00	90.30	358.00	4982.48	1101.09	-14.23	2.07	1101.09	
5843.00	89.50	358.70	4982.53	1132.07	-15.12	3.43	1132.07	
5874.00	89.40	358.30	4982.83	1163.06	-15.93	1.33	1163.06	
5905.00	89.80	358.50	4983.05	1194.05	-16.80	1.44	1194.05	

Calmena Energy Services

Date: 28-Nov-2012
Surveys
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Job# : 6883

Company: Osage Resources
Well: Osage No. 3313 18-07 HC
Location:

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
5967.00	90.90	358.50	4982.67	1256.02	-18.42	1.77	1256.02	
6029.00	90.70	359.00	4981.80	1318.00	-19.77	0.87	1318.00	
6091.00	90.40	359.70	4981.21	1380.00	-20.48	1.23	1380.00	
6153.00	89.70	1.00	4981.15	1441.99	-20.10	2.38	1441.99	
6215.00	90.00	1.00	4981.31	1503.98	-19.02	0.48	1503.98	
6276.00	89.00	1.00	4981.85	1564.97	-17.95	1.64	1564.97	
6338.00	89.60	0.60	4982.60	1626.96	-17.09	1.16	1626.96	
6400.00	90.00	359.90	4982.82	1688.96	-16.82	1.30	1688.96	
6462.00	89.00	0.10	4983.36	1750.96	-16.82	1.64	1750.96	
6524.00	89.20	359.60	4984.34	1812.95	-16.98	0.87	1812.95	
6586.00	89.80	359.00	4984.88	1874.94	-17.74	1.37	1874.94	
6648.00	89.20	358.90	4985.42	1936.93	-18.87	0.98	1936.93	
6710.00	89.40	358.50	4986.17	1998.91	-20.28	0.72	1998.91	
6772.00	90.00	358.30	4986.50	2060.88	-22.01	1.02	2060.88	
6834.00	90.90	358.20	4986.01	2122.85	-23.90	1.46	2122.85	
6896.00	90.80	0.30	4985.09	2184.83	-24.71	3.39	2184.83	
6958.00	90.80	0.30	4984.23	2246.83	-24.39	0.00	2246.83	
7020.00	90.20	0.60	4983.69	2308.82	-23.90	1.08	2308.82	
7082.00	90.50	0.60	4983.31	2370.82	-23.25	0.48	2370.82	
7144.00	90.40	1.30	4982.82	2432.81	-22.23	1.14	2432.81	
7206.00	91.10	0.80	4982.01	2494.79	-21.09	1.39	2494.79	
7268.00	88.30	2.00	4982.33	2556.76	-19.57	4.91	2556.76	
7330.00	88.70	2.20	4983.96	2618.70	-17.30	0.72	2618.70	
7392.00	89.30	1.70	4985.04	2680.66	-15.19	1.26	2680.66	
7454.00	90.00	1.10	4985.42	2742.63	-13.68	1.49	2742.63	
7516.00	89.40	0.60	4985.74	2804.63	-12.76	1.26	2804.63	
7578.00	90.00	0.40	4986.07	2866.62	-12.22	1.02	2866.62	
7639.00	90.80	0.30	4985.64	2927.62	-11.85	1.32	2927.62	
7701.00	89.60	1.00	4985.42	2989.61	-11.14	2.24	2989.61	
7763.00	89.50	0.30	4985.91	3051.61	-10.44	1.14	3051.61	

Calmena Energy Services

Company: Osage Resources
 Well: Osage No. 3313 18-07 HC
 Location:

Date: 28-Nov-2012
 Surveys
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MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
7825.00	90.30	359.90	4986.02	3113.61	-10.33	1.44	3113.61	
7887.00	91.00	359.70	4985.32	3175.60	-10.55	1.17	3175.60	
7949.00	89.80	359.60	4984.88	3237.60	-10.93	1.94	3237.60	
8009.00	90.60	359.40	4984.67	3297.59	-11.45	1.37	3297.59	
8071.00	90.20	358.70	4984.24	3359.58	-12.48	1.30	3359.58	
8133.00	90.20	358.00	4984.02	3421.56	-14.26	1.13	3421.56	
8194.00	90.70	357.80	4983.55	3482.51	-16.50	0.88	3482.51	
8255.00	89.60	358.20	4983.39	3543.48	-18.63	1.92	3543.48	
8317.00	89.80	359.00	4983.71	3605.46	-20.14	1.33	3605.46	
8379.00	90.70	359.40	4983.44	3667.45	-21.01	1.59	3667.45	
8440.00	90.00	0.60	4983.07	3728.45	-21.01	2.28	3728.45	
8501.00	90.80	0.60	4982.64	3789.44	-20.37	1.31	3789.44	
8564.00	90.40	1.70	4981.98	3852.42	-19.10	1.86	3852.42	
8625.00	91.10	2.00	4981.18	3913.39	-17.14	1.25	3913.39	
8687.00	89.40	1.50	4980.91	3975.35	-15.24	2.86	3975.35	
8748.00	89.90	1.30	4981.29	4036.33	-13.75	0.88	4036.33	
8810.00	90.20	0.80	4981.23	4098.32	-12.62	0.94	4098.32	
8871.00	89.90	1.30	4981.18	4159.31	-11.50	0.96	4159.31	
8933.00	90.30	1.10	4981.07	4221.30	-10.20	0.72	4221.30	
8995.00	90.20	1.10	4980.80	4283.29	-9.01	0.16	4283.29	
9057.00	90.10	2.40	4980.64	4345.26	-7.12	2.10	4345.26	
9119.00	90.60	1.50	4980.26	4407.22	-5.01	1.66	4407.22	
9180.00	89.80	0.80	4980.05	4468.21	-3.78	1.74	4468.21	
9241.00	90.00	0.40	4980.15	4529.20	-3.14	0.73	4529.20	
9303.00	91.20	0.30	4979.50	4591.20	-2.76	1.94	4591.20	
9365.00	90.00	0.10	4978.85	4653.19	-2.55	1.96	4653.19	
9427.00	90.60	0.10	4978.53	4715.19	-2.44	0.97	4715.19	
9489.00	91.50	359.70	4977.39	4777.18	-2.55	1.59	4777.18	
9551.00	91.00	359.90	4976.04	4839.16	-2.76	0.87	4839.16	
9613.00	89.60	359.70	4975.72	4901.16	-2.98	2.28	4901.16	

Calmena Energy Services

Date: 28-Nov-2012
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Company: Osage Resources
Well: Osage No. 3313 18-07 HC
Location:

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
9675.00	90.10	359.70	4975.88	4963.16	-3.31	0.81	4963.16	
9737.00	90.80	359.60	4975.39	5025.16	-3.68	1.14	5025.16	
9799.00	89.90	359.20	4975.01	5087.15	-4.33	1.59	5087.15	
9861.00	90.90	359.70	4974.58	5149.15	-4.93	1.80	5149.15	
9923.00	91.20	359.60	4973.44	5211.13	-5.31	0.51	5211.13	
9984.00	91.00	359.90	4972.27	5272.12	-5.57	0.59	5272.12	
10047.00	91.20	359.40	4971.06	5335.11	-5.96	0.85	5335.11	
10109.00	90.50	359.70	4970.14	5397.10	-6.44	1.23	5397.10	
10171.00	91.10	359.70	4969.28	5459.09	-6.77	0.97	5459.09	
10233.00	89.60	359.00	4968.90	5521.09	-7.47	2.67	5521.09	
10295.00	89.90	358.30	4969.17	5583.07	-8.93	1.23	5583.07	
10357.00	90.40	1.00	4969.01	5645.06	-9.31	4.43	5645.06	
10419.00	90.90	0.40	4968.30	5707.05	-8.55	1.26	5707.05	
10481.00	90.10	359.70	4967.76	5769.05	-8.50	1.71	5769.05	
10542.00	89.70	359.40	4967.87	5830.05	-8.98	0.82	5830.05	
10604.00	90.20	359.00	4967.92	5892.04	-9.85	1.03	5892.04	
10665.00	90.90	358.30	4967.34	5953.02	-11.28	1.62	5953.02	
10728.00	90.70	358.50	4966.46	6015.99	-13.04	0.45	6015.99	
10790.00	90.50	358.90	4965.81	6077.97	-14.45	0.72	6077.97	
10851.00	90.10	359.90	4965.49	6138.96	-15.09	1.77	6138.96	
10913.00	90.30	0.60	4965.27	6200.96	-14.82	1.17	6200.96	
10975.00	91.30	359.70	4964.41	6262.95	-14.65	2.17	6262.95	
11037.00	91.90	359.60	4962.68	6324.93	-15.03	0.98	6324.93	
11099.00	91.10	359.90	4961.05	6386.91	-15.30	1.38	6386.91	
11161.00	92.00	359.60	4959.38	6448.88	-15.57	1.53	6448.88	
11223.00	92.30	358.90	4957.05	6510.83	-16.38	1.23	6510.83	
11285.00	92.20	357.60	4954.62	6572.75	-18.28	2.10	6572.75	
11347.00	90.00	357.10	4953.43	6634.67	-21.14	3.64	6634.67	
11408.00	88.70	356.60	4954.12	6695.58	-24.49	2.28	6695.58	
11470.00	89.50	358.20	4955.09	6757.50	-27.31	2.88	6757.50	

Calmena Energy Services

Date: 28-Nov-2012
Surveys
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Company: Osage Resources
Well: Osage No. 3313 18-07 HC
Location:

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 0.00° Az (feet)	Comments
11532.00	90.10	359.70	4955.31	6819.49	-28.44	2.61	6819.49	
11594.00	90.50	1.10	4954.98	6881.48	-28.01	2.35	6881.48	
11656.00	90.20	359.90	4954.60	6943.48	-27.47	2.00	6943.48	
11717.00	91.00	0.40	4953.97	7004.48	-27.31	1.55	7004.48	
11917.00	91.00	0.40	4950.48	7204.44	-25.91	0.00	7204.44	Survey projected