

ORIGINAL

PHH/4

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32811
Name: Osage Resources, L.L.C.
Address 1: 6209 N. State Rd 61
Address 2:
City: Hutchinson State: KS Zip: 67502 + 8608
Contact Person: Brooke C. Walter
Phone: (620) 860-2224
CONTRACTOR: License # 33132
Name: Dan D Drilling
Wellsite Geologist: Curtis Covey
Purchaser: High Sierra

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 #:

2/18/2012 3/7/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-23789-0100
Spot Description:
SE NE SW Sec. 13 Twp. 33 S. R. 15 East West
1,830 Feet from North / South Line of Section
2,538 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Osage No. Well #: HC3
Field Name: Aetna Gas Area
Producing Formation: Mississippian
Elevation: Ground: 1831 Kelly Bushing: 1846
Total Depth: 9653 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 200 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: CONFIDENTIAL Permit #:
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APR 4 2014
APR 05 2012
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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2076, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Brooke C. Walter
Title: Geological Technician Date: 4/4/2012

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 4-4-12 to 4-4-14
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I III Approved by: MS Date: 4-16-12



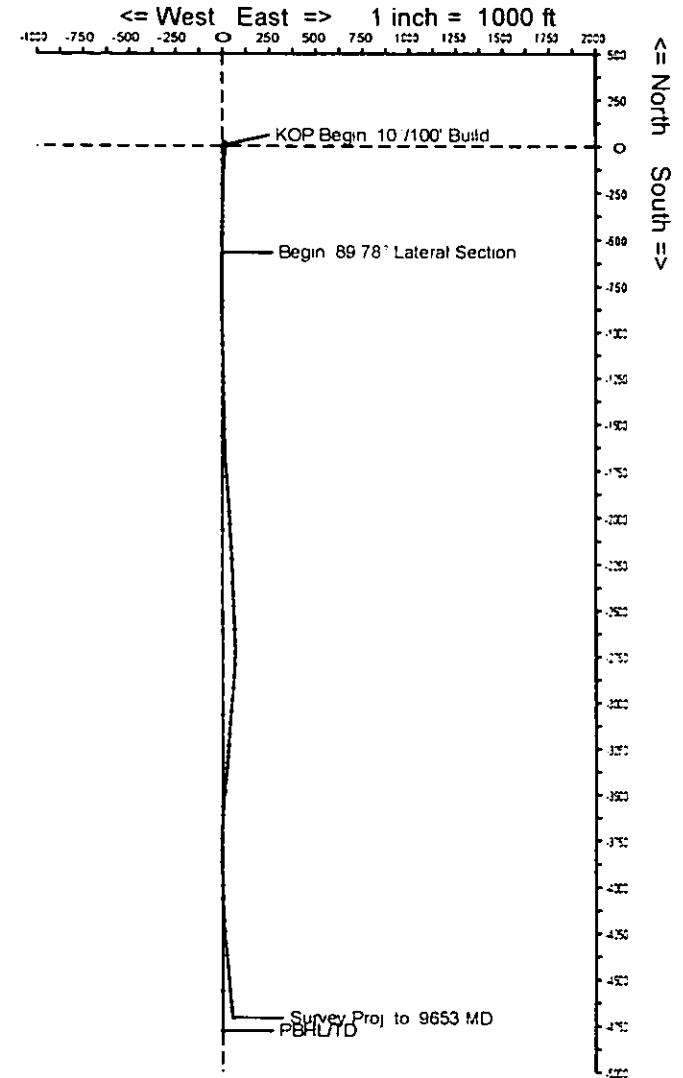
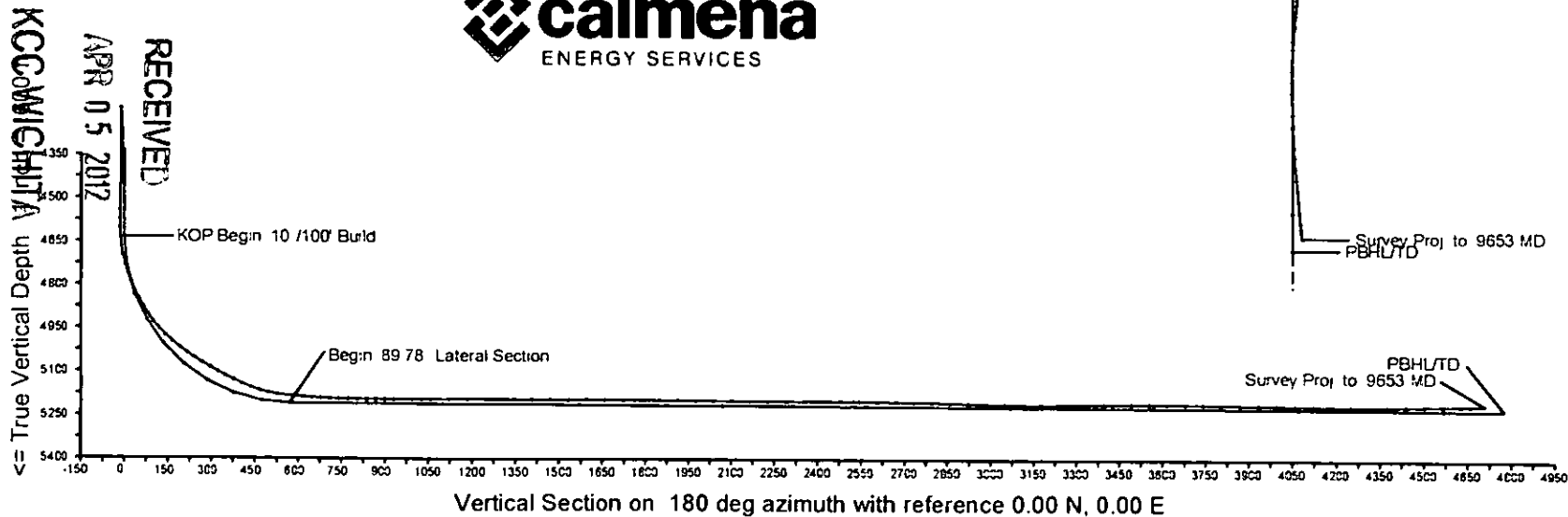
**Osage
Resources**

Osage HC3

Barber County, Kansas

WELL PROFILE DATA rev1									
MD	Inc.	Azi.	TVD	N/S	E/W	DLS	Comment	01-27-2012	
4636	0.00	180.00	4636	0	0	0.00	KOP Begin 10°/100' Build		
5534	89.78	180.00	5209	-571	0	10.00	Begin 89.78° Lateral Section		
9748	89.78	180.00	5225	-4785	0	0.00	PBHL/TD		

WELL PROFILE DATA svys									
MD	Inc.	Azi.	TVD	N/S	E/W	DLS	Comment	03-14-2012	
9653	91.30	173.50	5207	-4713	56	0.00	Survey Proj. to 9653 MD		



Calmena Energy Services

Company: Osage Resources
 Well: Osage HC3
 Location: Barber County, Kansas

Date: 14-Mar-2012
 Surveys
 Page 1
 Job# : 6341

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° Az (feet)	Comments
Surface Location								
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1173.00	0.80	91.60	1172.96	-0.23	8.19	0.07	0.23	
1665.00	0.30	73.90	1664.94	0.03	12.86	0.11	-0.03	
2171.00	0.10	224.00	2170.94	0.08	13.82	0.08	-0.08	
2675.00	0.60	12.00	2674.93	2.35	14.07	0.14	-2.35	
3180.00	0.70	309.80	3179.90	6.91	12.25	0.13	-6.91	
3685.00	0.30	6.10	3684.88	10.20	10.02	0.12	-10.20	
4189.00	0.30	38.00	4188.88	12.55	10.97	0.03	-12.55	
4543.00	0.90	348.60	4542.86	16.00	10.99	0.21	-16.00	
4575.00	0.50	328.70	4574.86	16.37	10.87	1.44	-16.37	
4606.00	1.30	190.40	4605.85	16.14	10.73	5.50	-16.14	
4638.00	4.70	172.90	4637.81	14.48	10.83	10.88	-14.48	
4669.00	8.60	171.80	4668.59	10.93	11.32	12.59	-10.93	
4701.00	12.20	175.60	4700.06	5.18	11.92	11.45	-5.18	
4733.00	15.40	180.10	4731.13	-2.44	12.17	10.54	2.44	
4764.00	18.60	184.90	4760.78	-11.48	11.74	11.26	11.48	
4796.00	21.30	186.90	4790.85	-22.34	10.61	8.70	22.34	
4828.00	24.20	187.40	4820.36	-34.62	9.06	9.08	34.62	
4859.00	26.80	187.10	4848.34	-47.85	7.38	8.40	47.85	
4890.00	30.00	185.60	4875.60	-62.51	5.76	10.58	62.51	
4922.00	33.70	183.70	4902.78	-79.33	4.41	11.98	79.33	
4954.00	37.90	182.70	4928.73	-98.02	3.37	13.25	98.02	
4985.00	41.90	181.90	4952.51	-117.88	2.58	13.01	117.88	
5016.00	46.30	181.10	4974.76	-139.44	2.02	14.31	139.44	
5048.00	50.10	181.40	4996.09	-163.29	1.50	11.90	163.29	
5080.00	53.10	181.70	5015.96	-188.35	0.82	9.40	188.35	
5112.00	54.90	181.80	5034.77	-214.23	0.03	5.63	214.23	
5143.00	56.20	181.00	5052.31	-239.78	-0.60	4.70	239.78	
5174.00	57.80	180.40	5069.19	-265.78	-0.91	5.41	265.78	
5206.00	60.60	180.00	5085.58	-293.26	-1.01	8.82	293.26	

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APR 05 2012

OSAGE

Calmena Energy Services

Company: Osage Resources
 Well: Osage HC3
 Location: Barber County, Kansas

Date: 14-Mar-2012
 Surveys
 Page 2
 Job# : 6341

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° Az (feet)	Comments
5238.00	63.40	180.30	5100.60	-321.52	-1.08	8.79	321.52	
5269.00	63.80	180.50	5114.38	-349.28	-1.28	1.41	349.28	
5301.00	63.60	180.90	5128.56	-377.97	-1.63	1.28	377.97	
5332.00	65.50	181.30	5141.88	-405.95	-2.16	6.24	405.95	
5364.00	69.30	181.30	5154.18	-435.48	-2.83	11.88	435.48	
5396.00	72.60	181.30	5164.62	-465.72	-3.52	10.31	465.72	
5428.00	77.10	180.80	5172.98	-496.59	-4.09	14.14	496.59	
5459.00	81.60	181.00	5178.71	-527.05	-4.56	14.53	527.05	
5516.00	87.10	179.80	5184.32	-583.75	-4.96	9.87	583.75	
5548.00	86.00	180.00	5186.24	-615.69	-4.90	3.49	615.69	
5579.00	86.10	179.90	5188.38	-646.61	-4.87	0.46	646.61	
5611.00	86.90	180.20	5190.33	-678.55	-4.90	2.67	678.55	
5643.00	87.60	179.80	5191.87	-710.52	-4.90	2.52	710.52	
5674.00	88.20	179.70	5193.00	-741.50	-4.77	1.96	741.50	
5706.00	88.70	179.60	5193.87	-773.48	-4.57	1.59	773.48	
5738.00	88.80	179.40	5194.57	-805.47	-4.29	0.70	805.47	
5769.00	89.70	179.50	5194.97	-836.47	-3.99	2.92	836.47	
5801.00	90.00	179.30	5195.06	-868.47	-3.66	1.13	868.47	
5832.00	90.00	179.30	5195.06	-899.47	-3.28	0.00	899.47	
5864.00	90.10	179.50	5195.03	-931.46	-2.95	0.70	931.46	
5927.00	90.20	178.80	5194.86	-994.46	-2.01	1.12	994.46	
5959.00	90.60	179.00	5194.64	-1026.45	-1.40	1.40	1026.45	
5991.00	90.70	179.00	5194.28	-1058.44	-0.84	0.31	1058.44	
6054.00	89.60	178.80	5194.11	-1121.43	0.37	1.77	1121.43	
6117.00	89.80	178.60	5194.44	-1184.41	1.80	0.45	1184.41	
6180.00	90.60	178.70	5194.22	-1247.39	3.28	1.28	1247.39	
6212.00	90.50	178.80	5193.92	-1279.39	3.98	0.44	1279.39	
6276.00	88.40	178.60	5194.53	-1343.36	5.43	3.30	1343.36	
6339.00	89.30	178.90	5195.79	-1406.33	6.81	1.51	1406.33	
6402.00	90.70	178.90	5195.79	-1469.32	8.02	2.22	1469.32	

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Calmena Energy Services

Company: Osage Resources
 Well: Osage HC3
 Location: Barber County, Kansas

Date: 14-Mar-2012
 Surveys
 Page 3
 Job# : 6341

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 180.00° Az (feet)	Comments
6466.00	90.90	179.00	5194.90	-1533.30	9.19	0.35	1533.30	
6529.00	90.30	179.00	5194.24	-1596.29	10.29	0.95	1596.29	
6593.00	89.70	177.30	5194.24	-1660.25	12.36	2.82	1660.25	
6656.00	89.20	176.00	5194.85	-1723.14	16.04	2.21	1723.14	
6719.00	89.80	175.30	5195.40	-1785.96	20.82	1.46	1785.96	
6782.00	90.00	175.70	5195.50	-1848.76	25.76	0.71	1848.76	
6846.00	89.00	176.00	5196.06	-1912.59	30.39	1.63	1912.59	
6909.00	89.20	176.30	5197.05	-1975.44	34.62	0.57	1975.44	
6972.00	89.70	176.70	5197.66	-2038.32	38.46	1.02	2038.32	
7035.00	89.30	176.20	5198.21	-2101.20	42.37	1.02	2101.20	
7098.00	89.80	176.90	5198.70	-2164.08	46.16	1.37	2164.08	
7161.00	90.00	177.50	5198.81	-2227.01	49.23	1.00	2227.01	
7225.00	89.70	177.80	5198.98	-2290.95	51.86	0.66	2290.95	
7288.00	90.40	178.30	5198.92	-2353.91	54.00	1.37	2353.91	
7352.00	90.40	178.20	5198.48	-2417.88	55.96	0.16	2417.88	
7415.00	89.60	177.40	5198.48	-2480.84	58.37	1.80	2480.84	
7479.00	89.50	178.10	5198.98	-2544.78	60.89	1.10	2544.78	
7542.00	89.40	177.80	5199.59	-2607.74	63.14	0.50	2607.74	
7606.00	89.40	178.20	5200.26	-2671.70	65.37	0.62	2671.70	
7669.00	89.40	181.00	5200.92	-2734.69	65.81	4.44	2734.69	
7732.00	89.60	181.90	5201.47	-2797.66	64.22	1.46	2797.66	
7795.00	87.60	184.30	5203.00	-2860.54	60.82	4.96	2860.54	
7858.00	87.60	184.70	5205.64	-2923.29	55.88	0.63	2923.29	
7922.00	88.80	184.70	5207.65	-2987.05	50.64	1.88	2987.05	
7985.00	89.60	184.50	5208.53	-3049.84	45.58	1.31	3049.84	
8049.00	89.50	184.50	5209.04	-3113.64	40.56	0.16	3113.64	
8112.00	90.10	184.60	5209.26	-3176.44	35.56	0.97	3176.44	
8173.00	90.40	184.30	5208.99	-3237.25	30.83	0.70	3237.25	
8205.00	91.00	184.30	5208.60	-3269.16	28.43	1.88	3269.16	
8237.00	91.30	184.00	5207.96	-3301.07	26.12	1.33	3301.07	

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Calmena Energy Services

Company: Osage Resources
 Well: Osage HC3
 Location: Barber County, Kansas

Date: 14-Mar-2012
 Surveys
 Page 4
 Job# : 6341

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° Az (feet)	Comments
8268.00	90.60	184.80	5207.44	-3331.98	23.74	3.43	3331.98	
8300.00	90.20	184.80	5207.22	-3363.86	21.06	1.25	3363.86	
8332.00	90.50	184.70	5207.02	-3395.75	18.41	0.99	3395.75	
8363.00	90.70	184.60	5206.70	-3426.65	15.90	0.72	3426.65	
8427.00	90.20	184.70	5206.20	-3490.44	10.71	0.80	3490.44	
8490.00	90.50	184.60	5205.81	-3553.23	5.60	0.50	3553.23	
8554.00	90.30	184.20	5205.36	-3617.04	0.69	0.70	3617.04	
8617.00	88.60	180.80	5205.97	-3679.96	-2.05	6.03	3679.96	
8680.00	89.00	180.50	5207.29	-3742.94	-2.77	0.79	3742.94	
8744.00	89.40	179.90	5208.18	-3806.94	-2.99	1.13	3806.94	
8807.00	89.70	179.40	5208.68	-3869.93	-2.61	0.93	3869.93	
8871.00	89.10	178.30	5209.35	-3933.92	-1.32	1.96	3933.92	
8934.00	89.00	178.90	5210.39	-3996.89	0.22	0.97	3996.89	
8997.00	89.00	177.70	5211.49	-4059.85	2.08	1.90	4059.85	
9061.00	89.90	178.50	5212.11	-4123.81	4.21	1.88	4123.81	
9124.00	89.20	177.90	5212.60	-4186.78	6.19	1.46	4186.78	
9187.00	89.50	176.10	5213.31	-4249.68	9.48	2.90	4249.68	
9251.00	89.00	173.70	5214.15	-4313.42	15.17	3.83	4313.42	
9314.00	91.40	174.00	5213.93	-4376.05	21.92	3.84	4376.05	
9377.00	92.10	174.30	5212.01	-4438.69	28.34	1.21	4438.69	
9441.00	90.80	175.10	5210.39	-4502.40	34.25	2.38	4502.40	
9504.00	90.90	175.00	5209.46	-4565.16	39.68	0.22	4565.16	
9567.00	90.70	173.70	5208.58	-4627.84	45.88	2.09	4627.84	
9599.00	91.30	173.50	5208.02	-4659.64	49.45	1.98	4659.64	
9653.00	91.30	173.50	5206.79	-4713.28	55.56	0.00	4713.28	Survey projected

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25

Osage
HC3

Lat 37.1437977
Long -98.8975122

681'

Miss. 5,462'

Osage
107

Lat 37.1308476
Long -98.8973391

438'

36



**Osage
Resources**

ACO-1 Plat Map

Osage No HC3

Barber County, KS

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By Brooke C. Walter

MAP PROJECTION

Datum WGS 1984

April 10, 2012

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