

NATURAL GAS ANALYSIS REPORT

Sampled by:

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Analyzed by:

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Lab Number: 20062530

Analyzed: 05/16/06

Sample From: Osage 100

Pressure:

Producer: Osage Resources

Temperature:

Date: Location: 30-33-14

Time:

County: Barber

Sampler:

State: Kansas

Source: 4 Pt

Formation: Miss

	Mole %	GPM
Helium	He: 0.089	0.000
Hydrogen	H2: 0.007	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.403	0.000
Carbon Dioxide	CO2: 0.086	0.000
Methane	C1: 90.638	0.000
Ethane	C2: 4.080	1.091
Propane	C3: 1.826	0.503
Iso Butane	iC4: 0.268	0.088
Normal Butane	nC4: 0.655	0.207
Iso Pentane	iC5: 0.189	0.069
Normal Pentane	nC5: 0.236	0.085
Hexanes Plus	C6+: 0.523	0.228

TOTAL: 100.000 2.271

Z Fact: 0.9975

SP.GR.: 0.6350

BTU (SAT): 1093.5 @ 14.73 psia

BTU (DRY): 1112.9 @ 14.73 psia

OCTANE RATING: 125.0

COMMENTS:

0.000

Company: OSAGE RESOURCES L.L.C.
Address: _____
Wellname: OSAGE #100
Legal: NE SW NW NE Sec: 30 Twp: 33S Rge: 14W
Formation: MISS. Field/Pool: _____ County: Barber St: KS.

Casing size: 5.5" Feet of: 5340 Wt: 15.5# Meter run size: 2" SI: 490
Tubing Size: 2.375" Feet of: 5186 Wt: 4.7# Orif (in): 1"/1.5" 95% 466
ID: _____ Plugged back depth: 5340 Packer depth: NONE 90% 441
Type Test: State 4pt./24Hr 1pt. Tap Type: _____ Gravity: _____ 85% 417
Type Completion: ALID breakdown + sand frac Producing through: the annulus 80% 392

Date	Clk Tim	Tbg Pres	Csg Pres	Diff	Temp	Static/Prover	Wat Vol1	Oil Vol	Comment
mm/dd	clock	psi	psi	in of H2O	F	PSIG	inch	inch	
05/10	1030	66	490	0	67	34	32	0	START TEST
	1045	68	484	18.2	66	36			
	1100	70	481	43.1	63	42			
	1115	71	479	52	62	44			
	1130	73	474	60	63	51			1ST PT.
	1145	76	469	114	62	64			
	1200	100	461	179	62	63			
	1215	81	457	184	61	65			
	1230	79	450	202	61	69			2ND PT.
	1245	71	443	229	61	74			
	1300	70	439	231	63	75			
	1315	64	435	252	62	80			
	1330	68	433	276	63	81			3RD PT.
	1345	73	435	36	63	62			
	1500	77	420	44	62	71			
	1515	81	409	56	63	75			
	1530	80	399	66	63	84	39"	Trace	4TH PT.
05/11	1045	66	309	28"	64	60	65"	Trace	24HR 1PT

Date	Miles	Name	Date	Miles	Name	Date	Miles	Name
05/10	120	Gary Pwolecamp				5/11	120	Gary Pwolecamp